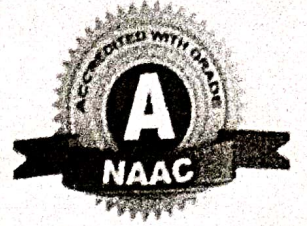




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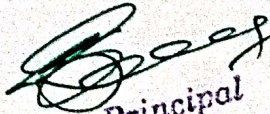
LIST OF SLOW LEARNERS

I YEAR II SEMESTER

A.Y: 2023-2024

HALL TICKET	NAME
23ED1R0003	BANKA RAMCHARANTEJA
23ED1R0014	CHINTHAKUNTLA PREM KUMAR
23ED1R0015	CHITTAMPELLY NANDHINI
23ED1R0016	DHARAVATH NANDU
23ED1R0019	EPPA PRASHANTHI
23ED1R0020	ERRA NITHIN
23ED1R0025	GOLLENA SUMAN
23ED1R0039	LANJAPALLY INDU
23ED1R0055	PASHAM PREETHI
23ED1R0057	PENTI JHANSI
23ED1R0062	SIRIMALLA SUMANTHI
23ED1R0064	VAKKALA RUCHITHA
23ED1R0069	GOVINDU SRINIDHI
23ED1R0073	MACHARLA SHRUTHI
23ED1R0080	CHIGURU JASHWANTH
23ED1R0081	CHILUVERU SAI KUMAR
23ED1R0083	DOMALA ANVESH
23ED1R0087	KOLIPAKA SOMESHWARI
23ED1R0088	KONDRA SRI SAI DEEKSHITH
23ED1R0093	PENDYALA NIDHI RAMESH
23ED1R0094	PONNALA VAMSHI
23ED1R00A1	THOTA ALEKHYA
23ED1R00A3	VELISHALA PALLAVI
23ED1R0088	KONDRA SRI SAI DEEKSHITH
23ED1R0093	PENDYALA NIDHI RAMESH
23ED1R0094	PONNALA VAMSHI
23ED1R00A1	THOTA ALEKHYA
23ED1R00A3	VELISHALA PALLAVI




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LIST OF SLOW LEARNERS

II YEAR II SEMESTER

A.Y: 2023-2024

HALL TICKET	NAME
22ED1R0002	AKARAPU NAVEEN
22ED1R0006	ABUL HASAN
22ED1R0007	BADISHA SURENDAR
22ED1R0008	BARI SUBHASH
22ED1R0010	BHUKYA SANDHYA
22ED1R0011	BISHWANATH DHALI
22ED1R0013	BOINI RAKESH
22ED1R0019	CHOPPADANDI AVINASH
22ED1R0023	DURUSETI OOH
22ED1R0027	ENAYET KABIR
22ED1R0028	ESLAVATH ANUSHA
22ED1R0030	GANGARABOINA GOPI CHAND
22ED1R0034	GOLAM KIBRIYA SEIKH
22ED1R0035	GUGULOTH SIDDU
22ED1R0037	GULLAPALLY GANAPATHI
22ED1R0038	GUMMADI AJAY
22ED1R0039	HASANATH JAMAL
22ED1R0042	JARUPULA PREM KUMAR
22ED1R0043	JERIPOTHULA NITHIN
22ED1R0047	KARNENADIPOLLA ARJUN REDDY
22ED1R0050	KHUSHTAR REZA
22ED1R0053	KONNE BHARATH KUMAR
22ED1R0055	KUKKALA VASU YADAV
22ED1R0057	KURVA VIJAYKUMAR
22ED1R0059	LAZIM SARKAR
22ED1R0062	MD AJARUL SK
22ED1R0063	MD MARBUL AHMED
22ED1R0064	MD MERAJ ALAM
22ED1R0065	MEKALA SRUJANA
22ED1R0066	MD MOSARAF HOSSAIN
22ED1R0067	MD SAMIUL HOSSAIN
22ED1R0069	MOHAMMAD ADNAN
22ED1R0073	MUTYALA LAVAN KUMAR
22ED1R0076	NAMANI VINAY
22ED1R0078	OWALIDUL SARKAR
22ED1R0080	PANCHERUPULA SRI RAM
22ED1R0092	RUBEL PARVEJ
22ED1R0095	SALMAN MONDAL
22ED1R0096	SAMALA KISHOR
22ED1R0099	SOHEL RANA SK
22ED1R00A7	ZOHRA SADIQ



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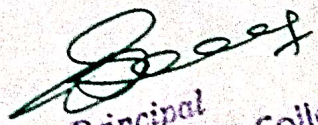
LIST OF SLOW LEARNERS

III YEAR II SEMESTER

A.Y: 2023-2024

HALL TICKET	NAME
21EDIR0013	AZMEERA VENKANNA
21EDIR0016	PATTAPURM MANIKANTA
21EDIR0019	ALAKUNTA YASHWANTH
21EDIR0025	BANOTHU RAMA
21EDIR0032	GATLA AKSHAY
21EDIR0035	KANSANPALLY SANDEEP
21EDIR0036	NUNELA SRAVANI
21EDIR0037	SHIDDAMSHETTY SHASHIDHARR
21EDIR0038	MODEM ABHILASH
21EDIR0040	GUDURU SADWIK
21EDIR0051	DURGAM JAYANTH
21EDIR0059	KAREM SHASHANK
21EDIR0060	MANTHRI SUMANTH
21EDIR0062	JATAVATH SANTHOSH
21EDIR0064	GADIPE AJAY
21EDIR0068	CHITTIREDDY VINAY
21EDIR0072	BURRA SAI PRIYA
21EDIR0073	ERRABOINA SANDEEP
21EDIR0086	MD MUSARAF
21EDIR0088	SAHANOUYAJ REJA
21EDIR0091	MOIN HASAN
21EDIR0093	ASHIK MANDAL
21EDIR0094	ARIF HOSSAIN MONDAL
21EDIR0095	SARFARAJ NAWAJ HOSSAIN
21EDIR0096	KAUSAR AKHTAR
21EDIR00A0	DAVA ANJALI
21EDIR00A1	SANDIP MALAKAR
21EDIR00A2	DIDARUL ISLAM
21EDIR00A3	NIGA CHAKMA
21EDIR00A4	SYED ANAS AHOMED
21EDIR00A5	AMIR HAMJA SK
21EDIR00A6	MD IFTEKAR ALAM REZWE




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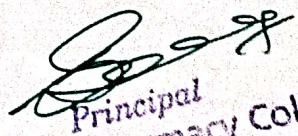
LIST OF SLOW LEARNERS

IV YEAR II SEMESTER

A.Y: 2023-2024

HALL TICKET	NAME
20ED1R0012	BORAGANI RASHMITHA
20ED1R0019	EDABOINA PRAVEEN
20ED1R0020	GADDE NAVAYUGA SURYAPRAKASH
20ED1R0024	GOKARI MAHESH
20ED1R0026	GOPAMOLA KARTHIK
20ED1R0043	ODNALA ANIL KUMAR
20ED1R0050	PRATHIPATI ESWAR NITHIN
20ED1R0051	PULINTI YASHWANTH
20ED1R0062	VEMULA SAI KUMAR
20ED1R0063	VOLLALA TEJA
20ED1R0073	GOLAM MORTUJA
20ED1R0074	HASIBUL JAMAN
20ED1R0075	JAHID IKBAL SHAIKE
20ED1R0078	MD MOSAROF MALLICK
20ED1R0082	RAKIBUL ISLAM MOLLA
20ED1R0083	RIYAD MONDAL
20ED1R0084	RIZUANUL ISLAM
20ED1R0085	SABID SIDDIKI ISLAM
20ED1R0086	SAHIDUL ISLAM
20ED1R0087	SARFUL SK
20ED1R0088	SATYAKI ADHIKARI
20ED1R0089	SHUVADEEP MANDAL
20ED1R0090	SK GOLAM MAINUDDIN
20ED1R0091	SK NOOR MAHAMMAD WASIM
20ED1R0092	SOFIKUL ISLAM
20ED1R0093	SOHEL SARKAR
20ED1R0095	WASHIM AKRAM




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LIST OF ADVANCED LEARNERS

I YEAR II SEMESTER

HALL TICKET	NAME
23ED1R0001	ANNARAPU CHIDVILASINI
23ED1R0002	ASHKAR
23ED1R0004	BANOTH MAHENDER
23ED1R0005	BANOTH NAVYA
23ED1R0006	BHADRI VARSHA
23ED1R0007	BHEERAM SREEJA
23ED1R0008	BOBBILI PREETHI
23ED1R0009	BOMMAKANTI TEJA
23ED1R0010	CHEENURI CHAITHANYA
23ED1R0011	CHELIKA SUSHMITHA
23ED1R0012	CHILUMULA PRAJWALITHA
23ED1R0013	CHINTHA KAVYA
23ED1R0017	DHARAVATH PRAVEEN
23ED1R0018	ELKATI SAMEEKSHA
23ED1R0021	GADDAM SRUTHI
23ED1R0022	GAJULA ABHINAYA
23ED1R0023	GANISHETTY ANJALI
23ED1R0024	GOLLAPELLY GOPIKA
23ED1R0026	HASANABADA GANGOTHRI
23ED1R0027	ISLAVATH NAVYA
23ED1R0028	JANNU KALYANI
23ED1R0029	JEELA RAHUL
23ED1R0030	JILAKARA SAICHANDU
23ED1R0031	JUTTUKONDA SAI SHIVANI
23ED1R0032	KALAKOTLA PRIYADARSHINI
23ED1R0033	KALAM INDRASENA REDDY
23ED1R0034	KANDA SRILATHA
23ED1R0035	KODATI CHINMAI
23ED1R0036	KOYYALA VINUJA
23ED1R0037	KUDULLA SANJAY
23ED1R0038	KUMMARIKUNTLA USHASRI




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23ED1R0040	LAUDIYA SOUMYA
23ED1R0041	MADIREDDY HINDUJA REDDY
23ED1R0042	MAGINAM CHAITANYA
23ED1R0043	MATTA ABHIGNA
23ED1R0044	MEENUGU BHAVANI
23ED1R0045	MEKALA LOKESHWARI
23ED1R0046	MOHAMMAD RUKSANA
23ED1R0047	MOHAMMAD SONY
23ED1R0048	MUDUSU ANVITHA
23ED1R0049	MUNTHA SRUTHI
23ED1R0050	MYAKALA ARCHITHA
23ED1R0051	NAKKA SRUTHI
23ED1R0052	NANDIPETA ADARSHANA
23ED1R0053	NOURA NAMREEN
23ED1R0054	NUNAVATH RAVISHA
23ED1R0056	PASUNURI SUSHMITHA
23ED1R0057	PENTI JHANSI
23ED1R0058	PILLI SOWJANYA
23ED1R0059	SARIKONDA MANEESHA BEGUM
23ED1R0060	SATLA MALLESHWARI
23ED1R0061	SHAIK MUSTAFA
23ED1R0063	TEJAVATH VENU
23ED1R0065	VELISHALA ANU
23ED1R0066	BANOTHU SAI KUMAR
23ED1R0067	GARAPAKULA ANUSHA
23ED1R0068	GOPU SINDHUJA
23ED1R0070	KAMAGANI ANJI
23ED1R0071	KARINGULA NAVYA SRI
23ED1R0072	KONDETI VARSHINI
23ED1R0074	AMBATI HEMALATHA
23ED1R0075	BAIKANI NAGASHRUTHI
23ED1R0076	BALDHU VARSHA
23ED1R0077	BEERAVELLI SUPRAJA
23ED1R0078	BURRA KISHORE
23ED1R0079	CHEVVA AKSHITHA
23ED1R0082	CHINNAPELLY SIDDHARTHA
23ED1R0084	GOLLA MAHENDER
23ED1R0085	JALA BHAVANI
23ED1R0086	KATTAMGUR HASINI
23ED1R0087	KOLIPAKA SOMESHWARI
23ED1R0089	MEKALA RAMYA
23ED1R0090	MYDAS ARAVIND
23ED1R0091	NAMEERA NOUSHEEN



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23ED1R0092	NELAKURTHI SRAVYA
23ED1R0095	PONNAM NAVYA
23ED1R0096	RASAMALLA SAI GANESH
23ED1R0097	SHERLA SONY
23ED1R0098	SIDA GOPALA KRISHNA
23ED1R0099	THODETI SWETHA
23ED1R00A0	THOTA AJAY
23ED1R00A2	VADAKAPURAM VINOD KUMAR




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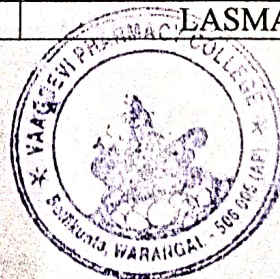


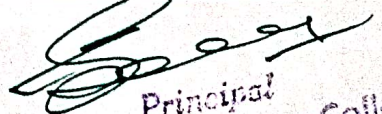
LIST OF ADVANCED LEARNERS

II YEAR II SEMESTER

A.Y: 2023-2024

HALL TICKET	NAME
22ED1R0001	AITHU TEJASWINI
22ED1R0003	AMBALA SNEHA
22ED1R0004	ANNABHATHULA PRAVALIKA
22ED1R0005	ANUGURTHI MADHUSRI
22ED1R0009	BARMA AMULYA
22ED1R0012	BOINAPALLY KAVYA
22ED1R0014	BOLLAM PREETHI
22ED1R0015	BUSSA HARSHITHA
22ED1R0016	CHEDULURI VAMSHI
22ED1R0017	CHIKATI INDHU
22ED1R0018	CHILUSANI JANANI
22ED1R0020	DASARI VYSHNAVI
22ED1R0021	DHARAVATH RAJESHWARI
22ED1R0022	DODDA KALYANI
22ED1R0024	EDLA VASAVI
22ED1R0025	EERENTI MANISHA
22ED1R0026	ELIGETI SAMEEKSHA
22ED1R0029	GANDLA ALEKYA
22ED1R0031	GARLAPATI MARY MEGHANA
22ED1R0032	GATTU RAKSHITHA
22ED1R0033	GODUGU SRUJANA
22ED1R0036	GUJJU SRUTHI
22ED1R0040	ITHAMRAJU PRANAVI
22ED1R0041	JAKKULA ANJALI
22ED1R0044	KANDAGATLA PRASANNAKUMARI
22ED1R0045	KANDHI AKSHAYA
22ED1R0046	KAREDLA ANUSHA
22ED1R0048	KASHETTI LAHARIKA
22ED1R0049	KATEPALLI HARSHITHA
22ED1R0051	KODARI ABHINAYA
22ED1R0052	KOMMANAPALLI JYOTHI
22ED1R0054	KOTHWALA SUSHMA
22ED1R0056	KUMMARIKUNTLA CHANDANA
22ED1R0058	LASMAGOUNI POOJA




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LIST OF ADVANCED LEARNERS

II YEAR II SEMESTER

A.Y: 2023-2024

22ED1R0061	MANTHENA AKHILA
22ED1R0068	MERUGU SHARMILA
22ED1R0070	MOUTAM AKSHAYA
22ED1R0071	MUCHINTALA SRAVANTHI
22ED1R0072	MUKKERA SOWMYA
22ED1R0074	NAGANABOINA LAKSHITHA
22ED1R0075	NAGARAPU PUSHPALATHA
22ED1R0077	NAZNEEN QURESHI
22ED1R0079	PABBATHI ASHRITHA
22ED1R0081	TUMULA SRAVANI
22ED1R0082	PATHA SRUSTITHA
22ED1R0083	PEDDIGARI SHAILAJA
22ED1R0084	PENDYALA KEERTHANA
22ED1R0085	PERUVARI POOJITHA
22ED1R0086	PINGILI PRATHYUSHA
22ED1R0087	PONNAM SINDHUJA
22ED1R0088	POOSALA SHARANYA
22ED1R0089	PULI TEJASWI
22ED1R0090	RAJANNALA KAVITHA
22ED1R0091	RAVULA RITHIKA
22ED1R0093	RUDRARAPU JYOTHI
22ED1R0094	SAKARMAN NITHYASRI
22ED1R0097	SANGI REDDY SINDHU
22ED1R0098	SANKEPALLI KEERTHANA
22ED1R00A0	SRIPELLI SIDDHARTHA
22ED1R00A1	SRIRAM DEEKSHITHA
22ED1R00A2	SUDDHALA RUCHITHA
22ED1R00A3	UPPU ANUSHA
22ED1R00A4	VADDE VARSHA
22ED1R00A5	VASAM AKHILA
22ED1R00A6	VEERAGANI VYSHNAVI



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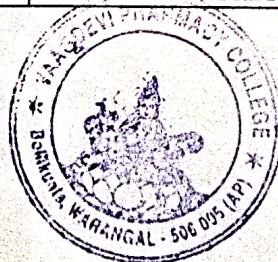


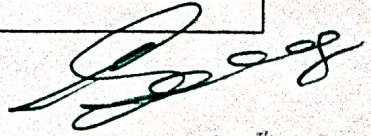
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LIST OF ADVANCED LEARNERS

III YEAR II SEMESTER A.Y: 2023-2024

HALLTICKET	NAME
21ED1R0001	CHINTHALA VAISHNAVI
21ED1R0002	MULLINTY RAGHUVARDHAN REDDY
21ED1R0003	KOTHAPALLI NANDHINI
21ED1R0004	GATTIKOPPULA SHIVANI
21ED1R0005	ALUVALA SRINIDHI
21ED1R0006	BALLU SINDHU
21ED1R0007	KOTHA LAVANYA
21ED1R0008	SHAIK SAMEERA
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21ED1R0010	MERGU ABHIRAM
21ED1R0011	DAINAMPELLY SRUTHI
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21ED1R0014	GIRAM AKANKSHA
21ED1R0015	MATETI PRANITHA
21ED1R0017	KALAKOTLA NIKHITHA
21ED1R0018	UPPULA LAYA
21ED1R0020	ERUKALA SRAVANTHI
21ED1R0021	AMIRISHETTI MADHULIKA
21ED1R0022	AMBALA HARSHITHA
21ED1R0023	CHINNALA SAMATHA
21ED1R0026	DONTHA SOWMYA
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21ED1R0033	KADARLA MADHUCHANDANA
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21ED1R0039	ALLAMNENI SHIVANI
21ED1R0041	BHUTHALA NAVYA SRI
21ED1R0042	KONTHAM CHANDANA
21ED1R0043	APPANI SOWMYASREE
21ED1R0044	GUNDALA MANISHA
21ED1R0045	KADURLA PRAVEENA
21ED1R0046	NANDAGIRI DIVYASRI
21ED1R0047	BAVU-KEERTHANA




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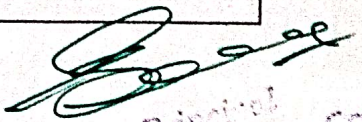
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III YEAR II SEMESTER A.Y: 2023-2024

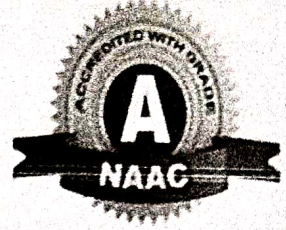
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21ED1R0049	THOMBARAPU DIVYA
21ED1R0050	SAPITHA INDUPRIYA
21ED1R0052	BANDAPALLY SINDHU
21ED1R0053	ASHODA POOJA
21ED1R0054	DHARMARAM SHIVA RANJANI
21ED1R0056	MANDA NAVYA
21ED1R0057	BHUKYA NANDINI
21ED1R0058	SANDELA JOSHITHA
21ED1R0061	MARELLY SAIRUCHITHA
21ED1R0063	HAFSA FIRDOUSE
21ED1R0065	FAHEEM SULTANA
21ED1R0066	MOHAMMAD ZOYA TARANNUM
21ED1R0067	LINGAMPELLI LAKSHMIPRASANNA
21ED1R0069	KATKURI ANUSHIA
21ED1R0070	BANDI GAYATHRI
21ED1R0071	METTU VARSHITHA
21ED1R0074	BANOTH ANUSHA
21ED1R0075	MENA GOUTHAMI
21ED1R0076	SHOKIL AHMED
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21ED1R0083	VELLANKI RAMYA SRI
21ED1R0084	DADDANALA LAHARIKA
21ED1R0085	KAMATAM NIHAADDEEPTHI
21ED1R0087	MASUM RANA
21ED1R0089	HASANUJJAMAN
21ED1R0090	RAFIKUL ISLAM
21ED1R0092	MD SOHEL RUNNAR
21ED1R0097	AKBOR SEIKH




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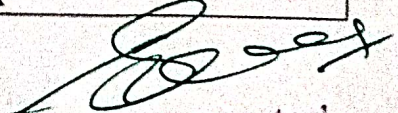
LIST OF ADVANCED LEARNERS

IV YEAR II SEMESTER

A.Y: 2023-2024

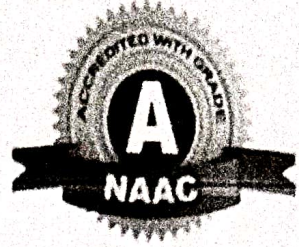
HALL TICKET	NAME
20ED1R0001	ADAMA RAKESH
20ED1R0002	AITHU PUNYASRI
20ED1R0005	APPALA NAVYA
20ED1R0006	AVULA SAMYUKTHA
20ED1R0007	BANDARI RAJESHWARI
20ED1R0008	BANOTH ANUPAMA
20ED1R0009	BANOTH SANDHYA
20ED1R0010	BOGA SRIJA
20ED1R0011	BOLINENI SNEHA
20ED1R0013	CHELPURI PRANEETHA
20ED1R0014	CHIRRA POOJITHA
20ED1R0015	DANDRA NIVEDITHA
20ED1R0016	DARAM VAISHNAVI
20ED1R0017	DOULATHBAJI BINDU BHAVANI
20ED1R0018	DUBBA AKSHITHA
20ED1R0021	GANDHAM ASHWINI
20ED1R0022	GANDHAM BHAVANA
20ED1R0023	GOKARAKONDA TEJASWI
20ED1R0025	GONE SUDHEEKSHA
20ED1R0027	GULOTHU AKHILA
20ED1R0028	KANDI RAVALIKA
20ED1R0029	KANNURI SAHITHI
20ED1R0030	KANUKUNTLA KEERTHI PRIYA
20ED1R0031	KODEPE SAI NIHARIKA
20ED1R0032	KONAKANCHI BHAVYA
20ED1R0033	KONDAGURLA DEEKSHA
20ED1R0035	KOTHA MALLIKA
20ED1R0037	MADDISETTI PUJITHA
20ED1R0038	MAGGIDI NAVEENA
20ED1R0039	MARAPAKA KAVYASRI
20ED1R0040	MIRALA POOJITHA




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IV YEAR II SEMESTER

A.Y: 2023-2024

20ED1R0041	MOGILI SRAVANTHI
20ED1R0042	MULUKUNTLA LAHARI
20ED1R0044	PALLE ANJALI
20ED1R0045	PANIKARA KALYANI
20ED1R0046	PENDYALA LAVANYA
20ED1R0047	PORIKA PRAVALIKA
20ED1R0048	POTHEM OMPRASAD
20ED1R0049	PRATHAPAGIRI JAYASRI
20ED1R0052	PURELLA SOUMYA
20ED1R0053	PUSULURI TEJA SREE
20ED1R0054	RAMAVATH SHIRISHA
20ED1R0055	RASAMALLA NAVYA
20ED1R0056	SAMUDRALA MAMATHA
20ED1R0057	SANDIRI VIVEK VARDHAN
20ED1R0058	SHANTHALA SINDHU
20ED1R0059	SHIREESHA MULKALA
20ED1R0060	SHIROORI GOUTHAM
20ED1R0061	VADDE SRAVANTHI
20ED1R0064	MOHAMMAD NABILA
20ED1R0065	NEHA PARVEEN
20ED1R0066	SADA NAAZ
20ED1R0067	ABDUL ALIM
20ED1R0068	BAIKANI RAKESH
20ED1R0069	BILTU ALI KHAN
20ED1R0070	BURA SHRIENIDDHI
20ED1R0071	CHIKKUDU THARUN
20ED1R0072	DIBAKAR DAS
20ED1R0076	MD ASIQUL ISLAM
20ED1R0077	MD IFTAKHER AHAMED
20ED1R0081	RAJA SARKAR
20ED1R0096	YOUSUF SK



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TIME TABLE FOR REMEDIAL CLASSES (TIME: 4 PM-5 PM)

DAY	B Pharm II yr	B Pharm III yr	B Pharm IV yr
Monday	Physical pharmaceutics (Dr. B. Chandrashaker reddy)	Medicinal chemistry (Dr.Ch.Mahesh)	Novel drug delivery systems (R. Shiva kumar)
Tuesday	Pharm.Microbiology (Mrs. A. Nagaraju)	Industrial pharmacy (Dr. B. Chandrashaker reddy)	Industrial pharmacy II (Dr. B. Chandrashaker reddy)
Wednesday	Pharm. Organic chemistry (Mr.R. Vijay kumar)	Pharmacology II (Dr.Farmiza Begum)	Instrumental method of analysis (Dr. Ch.Srinivas)
Thursday	Pharm.Microbiology (Mrs. A. Nagaraju)	Medicinal chemistry (Dr.Ch.Mahesh)	Novel drug delivery systems (R. Shiva kumar)
Friday	Pharm. Engineering (Mrs. Sara Fathima)	Industrial pharmacy (Dr. B. Chandrashakerreddy)	Instrumental method of analysis (Dr. Ch.Srinivas)
Saturday	Pharm. Organic chemistry (Mr.R. Vijay kumar)	Pharmacology II (Dr.Farmiza Begum)	Industrial pharmacy II (Dr. B. Chandrashaker reddy)




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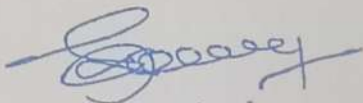


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TIME TABLE FOR REMEDIAL CLASSES (TIME: 4 PM-5 PM)

DAY	Pharm D II yr	Pharm D III yr	Pharm D IV yr
Monday	Pharmacology (Dr. T. Ravi Chander)	Pharmaceutical formulations (Mrs. Sara fathima)	Biostatistics and research methodology Dr. B. Chandrashekar reddy
Tuesday	Pharmacotherapeutics-I (Dr. M. Sandeep Goud)	Pharmacotherapeutics-II Dr. A. Kavya sri	Biopharmaceutics & Pharmacokinetics Dr. P.Srikanth
Wednesday	Pharm. Microbiology Mrs. Sara fathima	Pharmacotherapeutics-II Dr. A. Kavya sri	Biostatistics and research methodology Dr. B. Chandrashekar reddy
Thursday	Pharmacology (Dr. T. Ravi Chander)	Medicinal chemistry (Dr.Ch.Mahesh)	Pharmacotherapeutics III Dr. M. Sandeep Goud
Friday	Pharm. Microbiology Mrs. Sara fathima	Pharmaceutical analysis (Dr. Ch.Srinivas)	Clinical Toxicology Dr. Ch. Tejaswi
Saturday	Pharmacotherapeutics-I (Dr. M. Sandeep Goud)	Pharmacology II (Dr. Kausar Biyabani)	Pharmacotherapeutics III Dr. M. Sandeep Goud




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The problems faced are following:

- * Tooth Decay
- * chipped Tooth
- * Bad breath
- * Gingivitis
- * Teeth grinding.

* Tooth Decay / Cavities.

- Tooth cavities occurs due to the acids produced by the bacteria. these acids dissolving those tooth cavities. they break the tooth enamel, cavity, & gums.
- they make the tooth discolourisation. by forming yellow or Black colour.
- mostly the bacteria present in the food debris. simple sugars are there in the sweets. that produces simple acids and result in the tooth Decay.
- To control these avoid sweets and the foods containing simple sugars.

* Bad breath

- it is also known as halitosis.
- The bad smell or odour ~~that~~ in the mouth leads to the Bad breath.
- It occurs due to the bacteria present in the gums, cavities. in some people may it come by genes.
- it occurs due to the irregular brushing.
- ~~badly~~ cause of replenishing tongue.



→ To avoid these brush regularly and use ~~separate~~ separate mouth washes after the brush.

→ If it is more severe contact the dentist.
chipped tooth.

→ chipped tooth means when the tooth becomes into pieces. like small small pieces.

→ These happens due to the less calcium present in the enamel or cavities & insufficient nutrients and acid produced by bacteria

→ It may be the genetic reasons.

→ If these condition is very serious, contact the dentist and explain

→ It causes vomittings. after that physicians suggest ~~to~~ to wash the mouth because the acids produced in the stomach effects the enamel of the tooth. dentrum & easily breaks

Teeth grinding

→ Tooth grinding is also known as Bruxism.

→ Bruxism is a condition in which you grind, gnash and clean the mouth.

→ If you have Bruxism may you unconsciously do that thing very time.



Dees

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OLFACTION

Jyoti Priya
Roll No - 15

→ Anatomy: Anatomy & Physiology
Sense of smell is called olfaction.

→ Olfactory receptors

→ Olfactory cells are situated high in the nasal septum within a pseudostratified sensory epithelium lined by a ciliated plate within the sectors of superior turbinate, superior part of the nasal septum and middle turbinate.

→ There are 6 different types of cells in neuro epithelium they are as follows :-

① Ciliated bipolar sensory receptor cells.

② Microvillar cells.

③ Supporting cells.

④ Bowman's gland and ducts gland cells.

⑤ Globose basal cells.

⑥ Horizontal basal cells.

→ Olfactory Receptor Cells :-

Olfactory receptors, receptor cells which harbor the cilia which are derived embryologically from olfactory placode.

→ Neuro epithelium is pale yellow in colour.

→ The end of the olfactory cell forms a knob.

→ From the knob 4-25 olfactory hairs are projected on the cilia.

→ cilia secrete the mucus.

→ olfactory hairs help to sense the smell.



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→ Supporting cells:-

- Supporting cells are columnar epithelial cells
- They help in physical support, nourishment and electrical insulation.

→ Basal cells:-

- Basal cells are stem cells
- They undergo cell division.
- Their time period is of one month.
- The renewal process is done by BMP.
- The mature neurons do not undergo renewal process.

→ Physiology of olfactory system:-

Odorant + receptor proteins



Activation of G-proteins



Activation of AC
(Adenylate cyclase)



ATP → cAMP



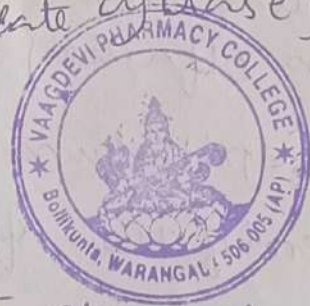
Opening of Na^+ channels



Na^+ influx



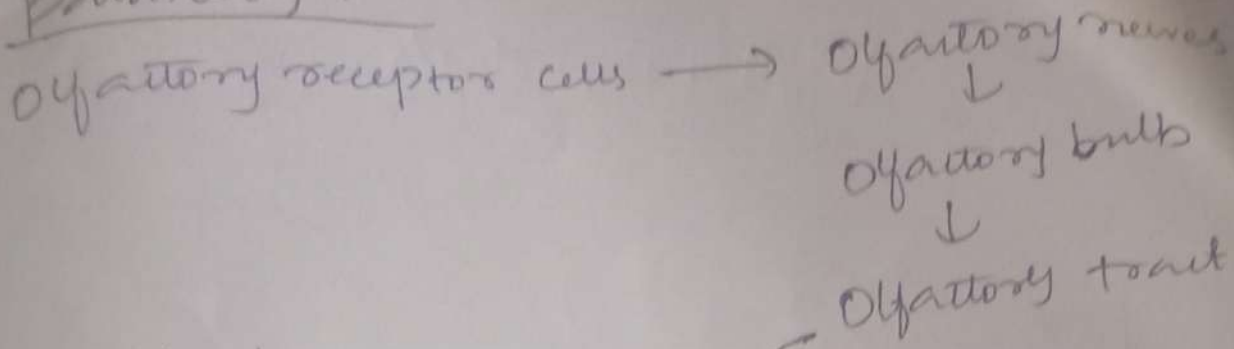
depolarization



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Pathway :-



Medial Olfactory Stria.

Septal nuclei
Hypothalamus
(limbic system)
(very old olfactory system)

lateral olfactory stria

Prepyriform cortex
~~Pre~~pyriform centre

Amygdala
Entorhinal area. (limbic system)

(old olfactory ~~stria~~ system).

Thalamus.
Orbitofrontal cortex
odor identification and determination



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OLFACTION

Joshy Priya
Roll No - 15

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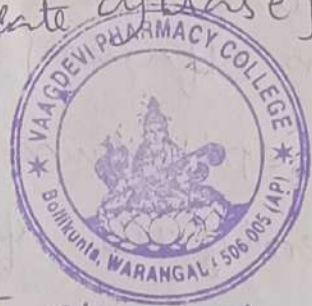
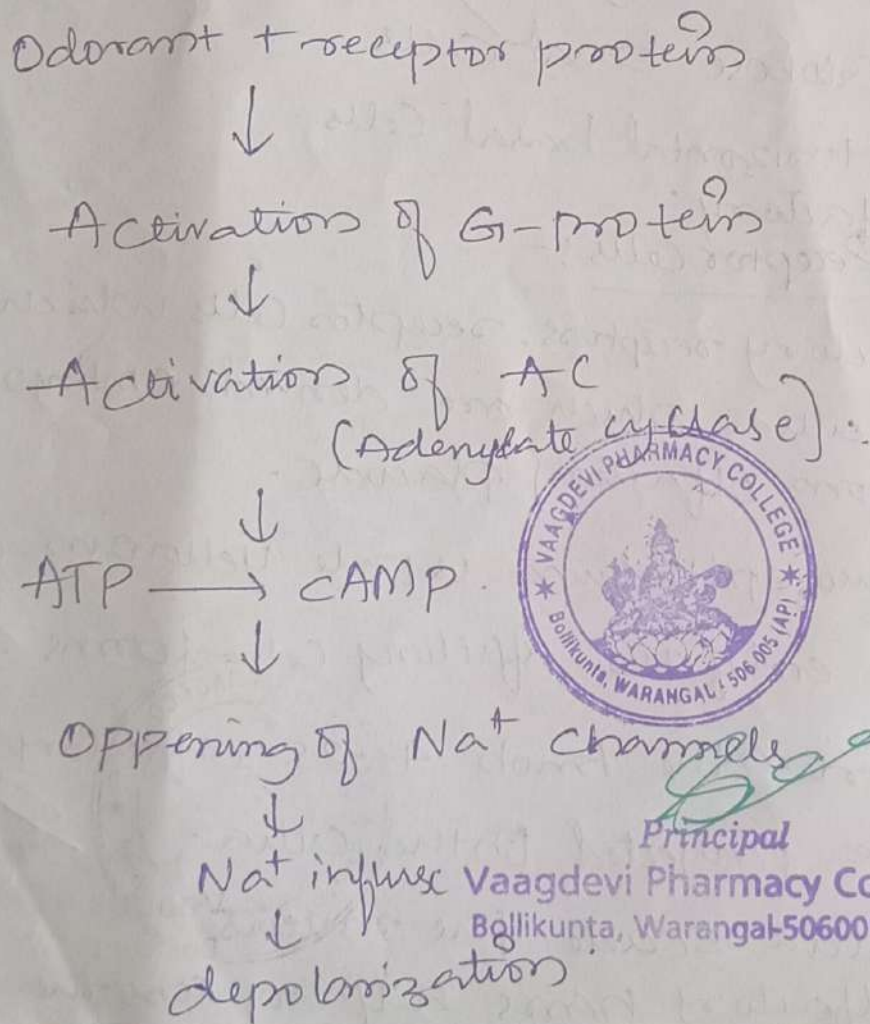
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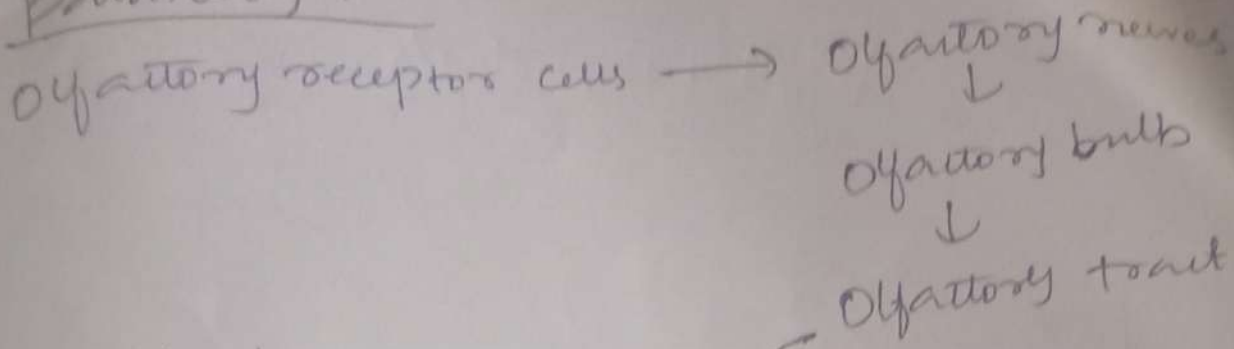
→ Physiology of olfactory system:-



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Medial Olfactory Stria.

Septal nuclei
Hypothalamus

(limbic system)

(very old olfactory system)

lateral olfactory stria

Prepyriform cortex

~~Pre~~pyriform centre

Amygdala

Entorhinal area. (Nerves system).

(limbic system)

(old olfactory ~~stria~~ system).

Thalamus.

Orbitofrontal cortex
Oder identification
and determination



A handwritten signature in green ink, appearing to read 'Beej'.

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Classification :-

slip test

1] Diuretic :-

- i] Thiazide :- hydrochlorothiazide
chlorothalidone
Indapamide

ii] High ceiling diuretic :- furosimide

iii] K⁺ sparing :- Spironolactone
Amiloride

2] Angiotensin converting Enzyme Inhibitor :-

- i] captopril
- Enalapril
- Lisinopril

3] Angiotensin Receptor Blockers :-

- Losartan
- Irbesartan
- candesartan
- Telmisartan

4] Renin Inhibitors :-

- Aliskeren

5] Ca²⁺ channel blockers :-

- Diltiazem
- Verapamil
- Nifedipine
- Amlodipine



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- β -blockers :-
- Propranolol
- metoprolol
- Atenolol.

- α -blockers :-

- prazosin
- Terazosin
- phenoxy benzamide

α - β blockers +

- Labetolol
- carvedilol

central sympatholytic :-

- clonidine
- methyl dopa,

- vasodilators +

- Arterioles vasodilators :-

↳ minoxidil

- Arterioles + veins +

sodium nitro prusside,



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1) Angiotensin converting enzyme inhibitors + mechanism

↓ BP

↓ BV

Renin - Juxtaglomerular

↓
Angiotensinogen

↓
Angiotensin - I

↓ ACE

Angiotensin - II → Adrenal cortex

↓
Vasoconstriction

↓
Aldosterone

↓
↑ Na⁺, H₂O reabsorption

↓
↓ K⁺ secretion

↓
increase B.P.

pharmacokinetics +

- t_{1/2} captopril - 2hrs on set of action - 1hr.

- Bioavailability - 70%

- mode of excretion

- Renal

- Duration of action - 6-12 hrs

- Daily dose - 25-120mg

Adverse effect +

- hypotension

- hyperkalemia

- cough

- headache

- Angioedema

- Dizziness



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2] Angiotensin Receptor blocking (ARB) :-

Mechanism

- They can block angiotensin receptors ^{and} (bind aldosterone) in ~~ang~~ preventing angiotensin to bind.
- There is no vasodilators, decreasing B.P.
- They can produce arterioles and veins dilation and bind aldosterone in lowering salt water retention, decreasing B.P.

Pharmacokinetics

~~High~~ high first pass metabolism which do not cross the BBB.

Adverse effect

- postopathic
- contra indicated in pregnancy
- Dose - 25-50mg.

3] Renal inhibitors

They are non-peptide which binds selectively to the catalytic site of renin & competitively to the access of angiotensinogen to the site. AT-1 is not produce.

→ Recommended the alternatively anti-hypertensive drug (for those which do not ~~responded~~ or tolerate the first line drug.

Pharmacokinetics

Bioavailability is low



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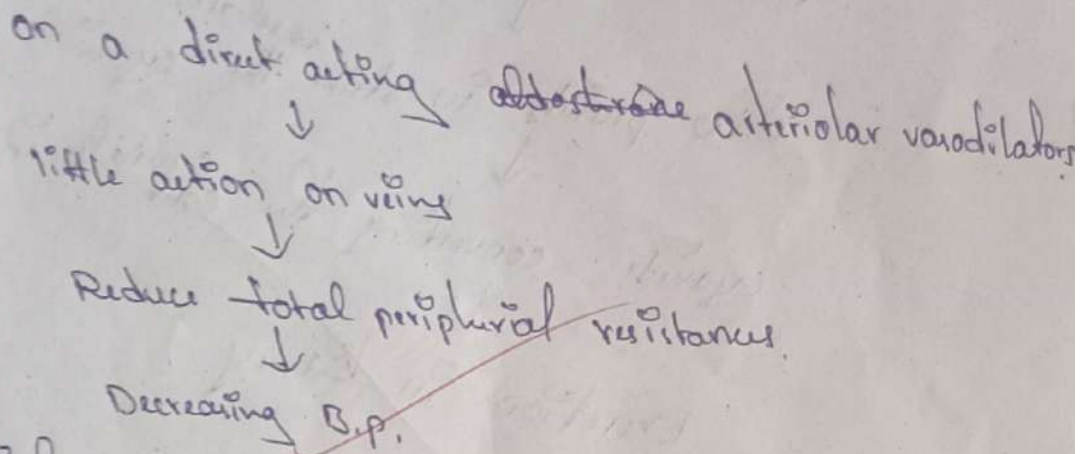
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Adverse effect +

- Dyspepsia
- Abdominal pain
- headache
- Dizziness
- Contra indicated in pregnancy.
- Dose - 150-300 mg once a day.

Vasodilators +

Mechanism +



Pharmacokinetics +

- metabolism in liver.
- t_{1/2} 12 hrs - excreted via urine.

Adverse effect +

- facial flushing
- Tinnitus
- Edema
- Dizziness.

~~Sodium intake~~

⇒ prevent by use of above ~~150-300 mg~~ ^{150-300 mg} ~~per day~~ ^{per day}

lupus erythematosus and Rheumatoid arthritis.



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Sodium nitro prusside

Reduce both total peripheral resistances and CO in
venous return.



myocardial work is reduce.



Ischemia does not attend.

pharmacokinetics

Duration of action in 2-5 hrs min



nitro prusside in strike the cyanide ^{to release.}



cyanide converting the cyanate in liver



Excretion in kidney,

Adverse effect

- Nervousness
- vomiting
- palpitation.



Bee

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BACTERIAL ANATOMY:-

The outer layer or cell envelope consist of two components - a rigid cell wall and bacteria beneath it a cytoplasmic or plasmamembrane. The cell envelope encloses the protoplasm, comprising the cytoplasm, cytoplasmic inclusions such as ribosomes and mesosomes, granules, vacuoles and the nuclear body. Some bacteria carry filamentous appendages protruding from the cell-surfaces - the flagella which are organs of locomotion and the fimbriae which appear to be organs for adhesion.

THE CELL WALL:-

The cell wall accounts for the shape of the bacterial cell and confers on it rigidity and ductility. The cell wall cannot be seen by direct light microscopy and does not stain with simple stains. It may be demonstrated by plasmolysis when placed in a



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hypertonic solution, the cytoplasm loses water by osmosis and shrinks, while the cell wall retains its original shape and size. The cell wall may also be demonstrated by microdissection, reaction with specific antibody, mechanical rupture of the cell, differential staining procedures or by electron microscopy.

CYTOPLASMIC MEMBRANE :-

The cytoplasmic membrane is a thin (5-10nm) layer lining the inner surface of the cell wall and separating it from the cytoplasm. It acts as a semipermeable membrane controlling the inflow and outflow of metabolites to and from the protoplasm. Passage through the membrane is not solely a function of the molecular size of the particles but depends in many cases, on the presence in the membrane of specific enzymes (permeases). Electron microscopy shows the presence of these specific enzymes.



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MESOSOMES: —

Mesosomes (chondroids) are vesicular, convoluted or multilaminated structures formed as invaginations of the plasma membrane into the cytoplasm. They are more prominent in Gram positive bacteria. They are the principal sites of respiratory enzymes in bacteria and are analogous to the mitochondria of eukaryotes. Mesosomes are often seen in relation to the nuclear body and the site of synthesis of cross wall septa, suggesting that they coordinate nuclear and cytoplasmic division during binary fission.

NUCLEUS: —

Bacterial nuclei can be demonstrated by acid or ribonuclease hydrolysis and subsequent staining for nuclear material. They may be seen by electron microscopy.



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CYTOPLASM:—

The bacterial growth cytoplasm is a colloidal system of a variety of organic and inorganic solutes in a viscous watery solution. It differs from eukaryotic cytoplasm in not exhibiting internal mobility (protoplasmic streaming) and in the absence of endoplasmic reticulum or mitochondria. The cytoplasm stains uniformly with basic leverson dyes in young cultures but becomes increasingly granular with age. The cytoplasm contains ribosomes, mesosomes, inclusions and vacuoles.

RIBOSOMES:—

Ribosomes are centres of protein synthesis. They are slightly smaller than the ribosomes of eukaryotic cells (sedimentation constant 70S) and are seen integrated in linear strands of mRNA to form polyosomes.



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FIMBRIAE:-

Some gram negative bacilli carry very fine, hair-like surface appendages called fimbriae or pili. They are shorter and thinner than flagella (about $0.5\mu\text{m}$ long and less than 10nm thick) and project from the cell surface as straight filaments known, classifiable as either common or sex pili on the basis of their function. pili comprise self aggregating monomers of pilin. They originate in the cell membrane. Fimbriae can be seen only under the electron microscope. They are unrelated to motility and are found on motile as well as nonmotile cells. They are best developed in freshly isolated strains and in liquid cultures. They tend to disappear following subcultures on solid media.

Fimbriae function as organs of adhesion helping the cells to adhere firmly to particles of various kinds.



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③
They appear as oval or elongated bodies, generally one per cell. Some cells may possess two or more nuclear bodies due to asynchrony between nuclear and cytoplasmic division.

FLAGELLA: -

Motile bacteria, except spirochetes, possess one or more unbranched, long, sinuous filaments called flagella, which are the organs of locomotion. Each flagellum consists of three distinct parts, the filament, the hook and the basal body. The filament is external to the cell and connected to the hook at the cell surfaces.

The hook-basal body portion is embedded in the envelope. The hook and basal body are antigenically different. The chemical detachment of the filament does not impair the



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R17

Code No: 248SB

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Pharmacy IV Year II Semester Examinations, July-2021

NOVEL DRUG DELIVERY SYSTEMS

Time: 3 Hours

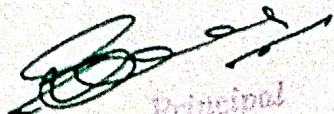
Max. Marks: 75

Answer any Five Questions
All Questions Carry Equal Marks

- 1.a) Explain the physicochemical and biological properties of drugs relevant to controlled release formulations.
- b) Discuss the advantages and applications of polymers in formulation of controlled drug delivery systems. [8+7]
2. Write a note on approaches to design controlled release formulations based on diffusion and dissolution. [15]
- 3.a) What is microencapsulation? List out methods available and explain any one method of microencapsulation.
- b) Explain the advantages and disadvantages of implantable drug delivery systems. [8+7]
4. Elaborate on the following:
 - a) Principles of mucoadhesion
 - b) Advantages and disadvantages of implantable drug delivery systems. [7+8]
- 5.a) What are the basic components of TDDS?
- b) Discuss the different approaches of GRDDS. [7+8]
6. Explain the following:
 - a) Factors affecting permeation
 - b) Inflatable and gastroadhesive systems. [7+8]
- 7.a) Define and differentiate liposomes, niosomes and nano particles.
- b) Give a note on monoclonal antibodies and their applications. [7+8]
- 8.a) Explain the mechanism of ocular absorption and factors affecting intraocular bioavailability.
- b) Write the advantages and disadvantages of IUD's. [8+7]

--ooOoo--




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Code No: 248AA

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
B. Pharmacy IV Year II Semester Examinations, September - 2022
BIOSTATISTICS AND RESEARCH METHODOLOGY

Time: 3 Hours

Max. Marks: 75

Answer any Five Questions
All Questions Carry Equal Marks

- 1.a) Calculate mean and median for the following data

X	10-20	20-30	30-40	40-50	50-60	60-70
F	18	24	132	74	23	9

- b) Examine the importance of standard deviation in pharmaceutical research. [8+7]
- 2.a) Calculate the correlation coefficient for the following data
- | | | | | | | | |
|---|-----|-----|-----|-----|-----|-----|-----|
| X | 57 | 59 | 62 | 63 | 64 | 55 | 65 |
| Y | 113 | 117 | 126 | 126 | 130 | 111 | 130 |
- b) Discuss the nature and scope of statistics in pharma industry. [8+7]
- 3.a) Explain the procedure involved in two way ANOVA with formulas. [8+7]
- b) How do you determine standard error of mean? [8+7]
- 4.a) Explain the concept of type I and type II error regression. [5+10]
- b) Explain the concept of tests of significance with suitable examples. [5+10]
- 5.a) Explain in brief cohort, observational and experimental studies with suitable examples. [8+7]
- b) Discuss the need for research and need for design of experiments. [8+7]
- 6.a) Discuss in brief Kruskal wallis Test and fried mann test. [8+7]
- b) Explain the elements of report writing and presentation of data. [8+7]
- 7.a) Explain in brief the various statistical applications of SPSS and design of experiments. [8+7]
- b) Discuss the importance of MS Excel in statistical analysis. [8+7]
- 8.a) Explain in detail the construction 2^2 and 2^3 factorial design with suitable illustration. [8+7]
- b) Brief on optimization techniques. [8+7]

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Pharmacy IV Year II Semester Examinations, July/August-2022

BIostatistics AND RESEARCH METHODOLOGY

Time: 3 Hours

Max. Marks: 75

Answer any Five Questions
All Questions Carry Equal Marks

- 1.a) Explain types of correlation and correlation coefficient. Give suitable examples.
- b) Define probability and explain its significance in statistical inference with examples. [7+8]
- 2.a) Discuss with examples measures of central tendency.
- b) Explain the graphical methods of representing quantitative data. [7+8]
- 3.a) What is hypothesis? What are different types of hypothesis? Explain how you will formulate a hypothesis with a suitable example
- b) Explain type I and type II errors, level of significance, P value. [7+8]
- 4.a) Describe the various types of measures of dispersion and their significance.
- b) Explain the hypothesis testing of non-parametric data. [7+8]
- 5.a) How will you design a clinical study methodologically? Explain briefly.
- b) Describe briefly the different interventional study designs. [8+7]
- 6.a) Discuss the sampling methods in research study.
- b) Explain in detail about cross-over and parallel clinical study design. [7+8]
- 7.a) Discuss the applications of SPSS and MINITAB in data analysis.
- b) List the elements that need to be incorporated in a clinical study protocol. [8+7]
- 8.a) How is QbD based product development better? Explain the steps involved in it.
- b) Explain the concept of Fractional factorial Design. [8+7]

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Pharmacy IV Year II Semester Examinations, July-2021

BIOSTATISTICS AND RESEARCH METHODOLOGY

Max. Marks: 75

Time: 2 hours

Answer any Five Questions
All Questions Carry Equal Marks

1. Define and compare the characteristics of mean, median, mode, variance, standard deviation and standard error of mean (SEM). [15]
2. Discuss about Pearson's chi-square test with one example. [15]
3. Explain the methodology of paired t-test with a suitable example. [15]
4. Classify the types of ANOVA. Explain each with one example. [15]
5. Explain the design and methodology of prospective cohort studies. [15]
6. Discuss about histogram and semilogarithmic plots. [15]
7. Explain incidence and prevalence with suitable example. [15]
8. Discuss the various statistical software used in Biostatistics. [15]

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Pharmacy IV Year II Semester Examinations, September-2021

SOCIAL AND PREVENTIVE PHARMACY

Time: 3 Hours

Max. Marks: 75

Answer any Five Questions
All Questions Carry Equal Marks

1. What are national health programs, write in detail about national AIDS control program. [15]
2. Write general principles of prevention and control of diabetes mellitus. [15]
3. Enumerate different socio-cultural factors related to health and disease with impact of urbanization on health and disease. [15]
4. Establish the food in relation to nutrition and health, with different types of deficiencies and their prevention. [15]
5. Elaborate community services in rural with improvement in sanitation with health promotion activities in school. [15]
6. Explain different vitamin deficiency disorders and their prevention. [15]
7. Explain about national Tuberculosis health program. [15]
8. Write general principles, prevention and control of cholera. [15]

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Pharmacy IV Year II Semester Examinations, July/August-2022

SOCIAL AND PREVENTIVE PHARMACY

Time: 3 Hours

Max. Marks: 75

Answer any Five Questions
All Questions Carry Equal Marks

1. Write a detailed note on evaluation, prevention and control of diseases. [15]
2. Write short notes on the following:
a) Socio cultural factors related to health and disease [8+7]
b) Balanced diet.
3. Explain in detail principles involved in prevention and control of cancer. [15]
4. Enumerate the steps involved in prevention of:
a) Cholera [8+7]
b) Malaria.
5. Write a detailed note on universal immunization programme. [15]
6. Write short notes on the following:
a) Pulse polio programme [7+8]
b) National mental health program.
7. Write short notes on the following:
a) National family welfare programme [7+8]
b) Role of WHO in Indian national program.
8. Explain in detail Community services in rural, urban and school health. [15]

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Pharmacy IV Year II Semester Examinations, September-2021

NANO TECHNOLOGY

Time: 3 Hours

Max. Marks: 75

Answer any Five Questions
All Questions Carry Equal Marks

- 1.a) "There's plenty of room at the bottom" Justify Richard Feynman's statement with some realistic examples.
- b) How do we classify nanomaterials? Discuss briefly any one class of nanomaterial with examples. [7+8]
- 2.a) Explain briefly how "Optical Properties" vary in case of nanomaterials by considering gold nanoparticles as example.
- b) Which surface property plays an important role in surfactants or detergents? Explain the phenomenon by considering surface atoms and bulk atoms possessing different surface energies. [7+8]
- 3.a) What is "sol" and "gel" in sol-gel method? Discuss the process with mechanism and three important chemical reactions.
- b) Explain the synthesis of "gold" nanoparticles by any one method. [8+7]
- 4.a) What is the cause for magnetism in materials? Explain synthesis of magnetic nanoparticles
- b) What do you mean by Self-assembly structure? Explain briefly about liposomes and micelles. [8+7]
5. What do you mean by in vitro diagnostics? Explain in detail the nanotechnology products used for in vitro diagnostics. [15]
6. What are cardiovascular diseases? Can you design nanomaterials for localized drug delivery systems? Explain in detail. [15]
7. What are different characterization techniques available for nanomaterials? Explain in detail the classification and working principle of any two characterization tools of your choice. [15]
8. What do you mean by drug release? Explain in detail the drug release and stability studies of nanomaterials. [15]

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
B. Pharmacy IV Year II Semester Examinations, July-2021
NANO TECHNOLOGY

Time: 3 Hours

Max. Marks: 75

Answer any Five Questions
All Questions Carry Equal Marks

1. Define the term 'nanotechnology'? Discuss the history of nanotechnology? [15]
2. Why nano materials show unique properties? Explain the classification of nano materials? [15]
3. How nano materials are synthesized? Explain the synthesis of Gold nanoparticles? [15]
4. Explain the preparation of Liposomes and Niosomes? [15]
5. Explain the applications of Nanotechnology in Biomedical engineering? [15]
6. Discuss the role of nanomaterials in drug delivery and pulmonary? [15]
7. Explain the Electrical, magnetic, optical, thermal, and mechanical properties of nanostructured materials? [15]
8. Discuss different characterization techniques used to analyze the nano materials? [15]

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Pharmacy IV Year I Semester Examinations, February-2022

INDUSTRIAL PHARMACY - II

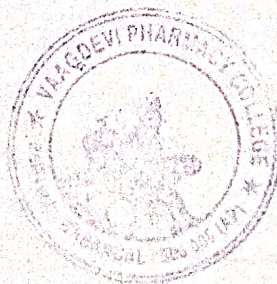
Time: 3 Hours


Max. Marks: 75

Answer any five questions
All questions carry equal marks

1. Explain the pilot plant scale-up techniques for solid dosage forms. [15]
- 2.a) Discuss about reporting responsibilities and space requirements in pilot plant scale up.
b) Explain platform technology and its importance. [8+7]
- 3.a) Describe the WHO guidance on technology transfer.
b) Explain the process of analytical method transfer in detail. [7+8]
4. Discuss about approved regulatory bodies and agencies in India. [15]
- 5.a) What are roles of regulatory affairs department?
b) Write about the general considerations for IND application.
c) What are the different phases of clinical trials. [5+6+4]
- 6.a) Write about management of clinical studies.
b) Discuss on data presentation for FDA submissions. [8+7]
- 7.a) Explain the concept of Total Quality management in pharmaceutical industry.
b) Write about out of specification (OOS). [10+5]
- 8.a) Explain about the role and responsibilities of CDSCO.
b) Write about the certificate of pharmaceutical product (COPP). [10+5]

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Pharmacy IV Year I Semester Examinations, September-2021

INDUSTRIAL PHARMACY - II

Time: 3 Hours

Max. Marks: 75

Answer any five questions
All questions carry equal marks

1. Analyze the significance of personnel requirements in Pilot plant scale up techniques. [15]
2. Write in detail about SUPAC guidelines. [15]
3. Discuss in detail about Quality risk management. [15]
4. Write in detail about TO agencies in India. [15]
5. Explain the importance of Biostatistics in Pharmaceutical Product development. [15]
6. Write in detail about Non-Clinical Drug Development. [15]
7. Explain the Six Sigma concept in detail. [15]
8. Write the Organization and Responsibilities of State Licensing Authority. [15]

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Pharmacy IV Year I Semester Examinations, March - 2021

HERBAL DRUG TECHNOLOGY

Time: 3 Hours

Max. Marks: 75

Answer any five questions
All questions carry equal marks

1. Describe the steps involved in the Good agricultural practices in cultivation of medicinal plants including Organic farming, Pest and Pest management in medicinal plants. [15]
2. Give a brief account of Present scope and future prospects of Herbal drugs industry. [15]
3. Enlighten the Health benefits and role of Nutraceuticals in the following ailments
a) Irritable bowel syndrome b) Gastro intestinal diseases [7+8]
4. What are the possible side effects and interactions of the following
a) Ginkobiloba b) Ginseng [8+7]
5. Write the significance of Herbal excipients as
(a) Viscosity builders (b) Disintegrants (c) Flavors (d) Perfumes. [4+4+4+3]
6. Write in detail about the principles and preparation of herbal cosmetics formulations such as tooth pastes and Bleaching agents. [15]
7. Describe the Regulation of manufacture of ASU drugs Schedule Z of Drugs & Cosmetics Act for ASU drugs. [15]
8. Write in detail about Schedule T – Good Manufacturing Practice of Indian systems of medicine. [15]

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KHAMMAM ROAD, HOLLIKUNTA, KHILA WARANGAL (MANDAL), WARANGAL - 506005, TELANGANA STATE



Human Anatomy and physiology-I

Question Bank Pharmacy Semester-I

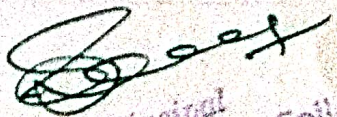
10 MARKS

1. Draw a neat labeled diagram of the brain. Write two functions of each part of the brain.
2. Explain in detail the mechanism of respiration.
3. Mention the hormones of the pituitary gland and write their function.
4. Draw a neat labeled diagram of the brain and write the functions of the cerebrum and cerebellum.
5. A neat labeled diagram explains the anatomy and physiology of the lungs.
6. A) Explain the hormones of the posterior pituitary gland. B) What is insulin? Explain its role in the regulation of blood sugar levels.
7. Explain the functions of the hypothalamus and medulla oblongata.
8. Explain the physiology and regulation of respiration.
9. Describe the anatomy of the pituitary gland and explain its hormones with a negative and positive feedback mechanism.
10. Draw a neat labeled diagram of the brain. Write two functions of each part of the brain.
11. Draw a neat labeled diagram describing the structure of the nephron. Explain the physiology of urine formation.
12. Explain the anatomy and physiology of the adrenal gland.
13. Explain the structure and functions of the kidney, with a mechanism of urine formation.
14. Explain the biosynthesis and functions of thyroid hormones.
15. Explain the structure and functions of the kidney, with the mechanism of urine.
16. Explain in detail different functional areas of the cerebrum with their functions.
17. Explain the anatomical features of the sympathetic and parasympathetic nervous system.
18. Explain the hormones of the pituitary gland, write their function.

5 MARKS

1. Classify the nervous system. Explain the functional areas of the cerebrum.
2. Write the anatomy and physiology of the stomach.
3. Explain the physiology of urine formation.
4. Explain the biosynthesis and functions of thyroid hormones.
5. Explain the structure and functions of testes.




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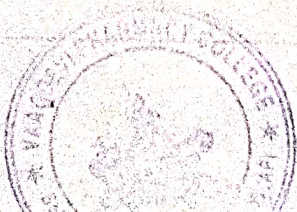


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6. Mention the salivary glands. Write the composition and functions of saliva
7. Explain transport of respiratory gases
8. Anatomy and physiology of mammary glands.
9. Explain Oogenesis
10. Mention the functions of thalamus and hypothalamus
11. Write the anatomy and physiology of liver.
12. Write the physiology of urine formation.
13. Explain the regulation of respiration
14. Explain the functions of adrenal cortex hormones
15. Write the physiology of menstrual cycle
16. Explain spermatogenesis
17. Explain Movements of the small intestine
18. What is parturition? Explain the stages of parturition
19. Describe the anatomy of spinal cord
20. Explain digestion and absorption of carbohydrates, proteins and fats
21. Describe nephron with neat labeled diagram
22. Define - Cushing's syndrome, Addison's disease, Acromegaly, Pheochromocytoma, Diabetes insipidus
23. Explain the formation and role of ATP
24. Define lung volume, and capacities along with normal values
25. Explain the organs and functions of male reproduction system
26. Explain the stages of pregnancy
27. Describe spermatogenesis.
28. Describe the composition and functions of cerebrospinal fluid
29. Explain the structure and functions of thymus gland
30. Describe the exocrine secretions of pancreas
31. Explain transport of oxygen and carbon dioxide
32. Explain the functions of anterior pituitary hormones
33. Explain salivary glands, describe the composition and functions of saliva



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34. What is insulin? Explain its role in the regulation of blood sugar level.
35. Describe the functions of liver.
36. With neat labeled diagram. Explain anatomy of lungs
37. Describe the functions of medulla oblongata and pons
38. Explain the functions of liver
39. Explain the events of Menstrual cycle
40. Explain in detail about renin-angiotensin system
41. Explain the phases of gastric acid secretion.
42. Explain with neat labeled diagram explain respiratory tract
43. Explain layers of GIT
44. Explain the structure and function of the parathyroid gland
45. Explain the structure and function of the ovary
46. Explain nerve plexus
47. Explain endocrine secretions of the pancreas and their functions
48. Explain the digestion of carbohydrate, protein, and fats at different levels
49. Explain Regulation of respiration
50. Explain the role of the renin-angiotensin system in the regulation of blood pressure
51. Explain the anatomy and functions of the liver.
52. Explain the genetic pattern of inheritance
53. List out the organs of the female reproductive system and explain the uterus.
54. What is parturition? Explain the stages of parturition

2 MARKS

1. Write on Meninges.
2. Define-Micturition
3. Define-Acromegaly, Cretinism
4. What are the ventricles of the brain
5. Define peptic ulcer
6. Define-Gigantism and Dwarfism.



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KHAMMAM ROAD, BOLLIKUNTA, KHILA WARANGAL (MANDAL), WARANGAL - 506005, TELANGANA STATE

7. Write the divisions of nervous system
8. Define polycystic ovarian disease
9. Define anorexia and GERD
10. Mention the functions of testes
11. Mention types of reflexes
12. Write the functions of saliva
13. Define Tidal volume and Vital capacity
14. Write the functions of thymus gland
15. Write the functions of gastric juice
16. Write the functions of cerebrospinal fluid
17. Define infertility, Polycystic ovarian disease
18. Define pheochromocytoma, diabetes insipidus
19. Mention the functions of ovaries
20. Write the divisions of the nervous system
21. Write the functions of the thymus gland
22. Write the functions of the medulla oblongata
23. Define constipation and diarrhea
24. Mention the different methods of artificial respiration
25. List the functions of the cerebellum
26. Mention the functions of the pineal gland
27. Explain the genetic pattern of inheritance
28. Define reflex arc
29. Composition and functions of bile.
30. Define parturition.
31. Mention the layers of GIT
32. Define synapse
33. Define reflex arc
34. Define anorexia and peptic ulcer.
35. Describe layers of the brain



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36. Explain hyperthyroidism and hypothyroidism
37. Name the ducts of the male reproductive system from proximal to distal end
38. Write the functions of oxytocin
39. Mention the functions of the ovary
40. Write the difference between somatic and autonomic nervous system
41. Write the functions of the thalamus
42. Define internal and external respiration
42. Explain extrapyramidal tract
43. Differentiate between diabetes and diabetes mellitus
44. Define afferent and efferent nerves
45. Write the functions of the pineal gland
46. Define the terms liver cirrhosis and hepatitis
47. Write the structure and functions of sperm
48. Write about movement of the large intestine
49. Explain seminiferous tubules
50. Define action potential and synapse
51. Define gastritis and hepatitis
52. Define anorexia and pancreatitis
53. Explain chloride shift
54. Write a note on gonads.
55. Write functions of hypothalamus on come,
56. Define dwarfism and gigantism
57. Draw a neat labeled diagram of a neuron and label.
58. Name the ducts of the male reproductive system from proximal to distal end
59. Write about hormones of the male and female reproductive system





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Human Anatomy and physiology

Question Bank B Pharmacy 2nd Semester

10 MARKS

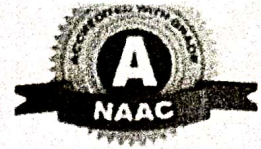
1. Draw a neat labeled diagram of brain. Write two functions of each part of the brain
2. Explain in detail the mechanism of respiration
3. Mention the hormones of pituitary gland and write their function.
4. Draw a neat labeled diagram of brain and write the functions of cerebrum and cerebellum.
5. With a neat labeled diagram explain the anatomy and physiology of Lungs.
6. a) Explain the hormones of posterior pituitary gland. B) What is insulin? Explain its role in the regulation of blood sugar level.
7. Explain the functions of hypothalamus and medulla oblongata.
8. Explain the physiology and regulation of respiration
9. Describe the anatomy of pituitary gland and explain its hormones with Negative and positive feedback mechanism
10. Draw a neat labeled diagram of brain. Write two functions of each part of the brain
11. With a neat labeled diagram describe the structure of nephron. Explain Physiology of urine formation
12. Explain anatomy and physiology of adrenal gland
13. Explain the structure and functions of kidney, with mechanism of urine formation
14. Explain in detail different functional areas of cerebrum with its functions
15. Explain the biosynthesis and functions of thyroid hormones
16. Explain the structure and functions of kidney, with mechanism of urine formation
17. Explain the anatomical features of sympathetic and parasympathetic Nervous system
18. Explain the hormones of pituitary gland, write its function.

5 MARKS





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1. Classify nervous system. Explain the functional areas of cerebrum.
2. Write the anatomy and physiology of stomach
3. Explain the physiology of urine formation
4. Explain the biosynthesis and functions of thyroid hormones
5. Explain the structure and functions of testes
6. Mention the salivary glands. Write the composition and functions of Saliva
7. Explain transport of respiratory gases
8. Anatomy and physiology of mammary glands
9. Explain Oogenesis
10. Mention the functions of thalamus and hypothalamus
11. Write the anatomy and physiology of liver.
12. Write the physiology of urine formation.
13. Explain the regulation of respiration
14. Explain the functions of adrenal cortex hormones
15. Write the physiology of menstrual cycle
16. Explain spermatogenesis
17. Explain Movements of small intestine
18. What is parturition? Explain the stages of parturition
19. Describe anatomy of spinal cord
20. Explain digestion and absorption of carbohydrates, proteins and fats
21. Describe nephron with neat labeled diagram.
22. Define - Cushing's syndrome, Addison's disease, Acromegaly, Pheochromocytoma, Diabetes insipidus
23. Explain the formation and role of ATP
24. Define lung volume, and capacities along with normal values
25. Explain the organs and functions of male reproduction System
26. Explain the stages of pregnancy
27. Describe spermatogenesis.
28. Describe the composition and functions of cerebrospinal fluid
29. Explain the structure and functions of thymus gland
30. Describe the exocrine secretions of pancreas



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31. Explain transport of oxygen and carbon dioxide
32. Explain the functions of anterior pituitary hormones
33. salivary glands, describe the composition and functions of salivary
34. What is insulin? Explain its role in the regulation of blood sugar level.
35. Describe the functions of liver.
36. With a neat labeled diagram. Explain anatomy of lungs
37. Describe the functions of medulla oblongata and pons
38. Explain the functions of liver
39. Explain the events of Menstrual cycle
40. Explain in detail about renin-angiotensin system
41. Explain the phases of gastric acid secretion
42. Explain with neat labeled diagram explain respiratory tract
43. Explain layers of GIT
44. Explain the structure and functions of parathyroid gland
45. Explain the structure and functions of ovary
46. Explain nerve plexus
47. Explain endocrine secretions of pancreas and their functions
48. Explain the digestion of carbohydrate, protein and fats at different levels of GIT
49. Explain the anatomy and functions of liver
50. Explain Regulation of respiration
51. Explain the role of renin-angiotensin system in regulation of blood pressure
52. Explain genetic pattern of inheritance
53. List out the organs of female reproductive system and explain uterus
54. What is parturition? Explain the stages of parturition.

2 marks

1. Write on Meninges
2. Define-Micturition
3. Define-Acromegaly, Cretinism
4. What are ventricles of the brain
5. Define peptic ulcer
6. Define-Gigantism and Dwarfism





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7. Write the divisions of nervous system
8. Define polycystic ovarian disease
9. Define anorexia and GERD
10. Mention the functions of testes
11. Mention types of reflexes
12. Write the functions of saliva
13. Define Tidal volume and Vital capacity
14. Write the functions of thymus gland
15. Write the functions of gastric juice
16. Write the functions of cerebrospinal fluid
17. Define infertility. Polycystic ovarian disease
18. Define pheochromocytoma, diabetes insipidus
19. Mention the functions of ovaries
20. Write the divisions of nervous system
21. Write the functions of thymus gland
22. Write the functions of medulla oblongata
23. Define constipation and diarrhea
24. Mention the different methods of artificial respiration
25. List the functions of cerebellum
26. Mention the functions of pineal gland
27. Explain genetic pattern of inheritance
28. Define reflux arc
29. Composition Functions of bile
30. Define parturition
31. Mention the layers of GIT
32. Define synapse
33. Define reflux arc
34. Define anorexia and peptic ulcer
35. Describe layers of brain
36. Explain hyperthyroidism and hypothyroidism
37. Name the ducts of the male reproductive system from proximal to distal end



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38. Write the functions of oxytocin
39. Mention the functions of ovary
40. Write the difference between somatic and autonomic nervous system
41. Write the functions of thalamus
42. Internal and external respiration
43. Explain Extrapyramidal tract
44. Differentiate between diabetes and diabetes mellitus
45. Define afferent and efferent nerves
46. Write the functions of pineal gland
47. Define the terms liver cirrhosis and hepatitis
48. Write the structure and functions of sperm
49. Write about movement of large intestine
50. Explain seminiferous tubules
51. Define action potential and synapse
52. Define anorexia and pancreatitis
53. Define gastritis and hepatitis
54. Explain chloride shift
55. Define dwarfism and gigantism
56. Write about gonads
57. Write functions of hypothalamus
58. Draw and label a diagram of a neuron and label it
59. Name the ducts of the male reproductive system from proximal to distal
60. Write about hormones of male and female reproductive system.




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Biochemistry Question Bank

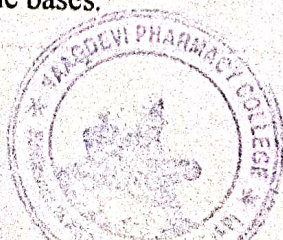
B Pharmacy Sem-2

10 marks long essay

1. Describe the reactions involved in the de novo biosynthesis of fatty acids.
2. Explain the Biosynthesis of proteins in the body.
3. Define gluconeogenesis and explain the reactions involved and its significance.
4. Mention the types of RNA. Explain their role in protein synthesis.
5. Explain the TCA cycle and give its significance with energies.
6. Explain the degradation of heme and add a note on different types of jaundice.
7. Explain the biosynthesis of pyrimidine nucleotides in the body.
8. Describe the β -Oxidation of palmitic acid along with its energetics.
9. Explain glycolysis and its energetics.
10. Describe the de novo biosynthesis of purine nucleotides.
11. Define and explain the reaction sequences of glycolysis and its energetics.
12. Explain the semiconservative replication of DNA in detail.
13. Explain the process of β -Oxidation of fatty acids with energetics. Considering palmitic acid as an example.
14. Explain the various reactions involved in the Citric acid cycle.
15. What are the requisites for protein synthesis? Explain the steps involved in protein synthesis.
16. Explain the de novo biosynthesis of fatty acids along with the enzyme system involved.
17. Explain the general reactions involved in the metabolism of amino acids.
18. Explain the various reactions involved in the Krebs cycle with energetics.

5 marks short essay

1. Explain the different types of RNA.
2. Explain the synthesis of bile acids.
3. What is substrate level phosphorylation and oxidative phosphorylation?
4. Give the Amphibolic Nature and energetics of TCA cycle.
5. Explain the double helical structure of DNA.
6. Explain glycogen storage disease.
7. Describe the biosynthesis of pyrimidine bases.





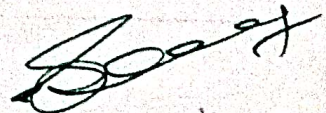
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8. GivethereactionsequenceinIMP shunt.
9. Writethemetabolismofpurinenucleotides.
10. Writetheformationofketonebodiesinthe body.
11. Explainketolysiswithsignificance.
12. Explaintheelectrontransportchain.
13. DescribethestructureandfunctionsofRNA.
14. Defineenzymeinhibitionand discussanyonetypeofenzymeinhibition.
15. Defineenergyrichcompoundsandclassifywithsuitableexamples.
16. Explaintheenergyinvestingreactionsofglycolysis.
17. GivethesalientfeaturesofGeneticcode.
18. Defineenzymes,classifythemaccording toIUB.
19. Definecoenzymesdiscussdifferenttypesofcoenzymes.
20. Explainthe semiconservativemodeofreplicationofDNA.
21. Explainthechemiosmotictheoryofoxidativephosphorylation.
22. Explainthecompetitiveenzymeinhibitionwithexamples.
23. Howketonebodiesformed.
24. Describethehormonalregulationofbloodglucoselevel.
25. GiveStructureandbiologicalsignificanceofATPandCyclicAMP.
26. Givesignificanceofcholesterol,Howitgetsconvertedtobileacids
27. ExplainGlycogenesisandGlycogenolysis.
28. Definecoenzymes,GivethestructureandbiologicalroleofcoenzymeNADandFAD.
29. DescribeHMP pathwayanditssignificance.
30. Writetheformationofketonebodiesinthe body.
31. Explainthebiologicalimportantcompoundsobtainedfromthecholesterol.
32. Describe theprocessoftranscription.
33. Explainthestructureand functionsofRNA.
34. Definecarbohydratesclassifythemwithexample andtheirbiologicalsignificance.
35. Explainglycogenstoragedisease.
36. Write the catabolismofpurine Nucleotides.
37. Definegeneticcodeandgiveitssalientfeatures.




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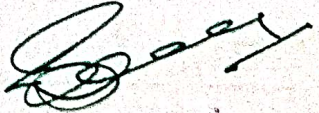
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38. Explain the competitive enzyme inhibition with examples.
39. Define oxidative and substrate level phosphorylation.
40. Define coenzymes; Give the structure and functions of NAD and FAD.
41. Define enzyme? Give IUB classification of enzymes with examples.
42. Give chemical classification of amino acids.
43. Explain gluconeogenesis with reactions involved in it and write its importance.
44. Describe the double helical structure of DNA.
45. Explain disorders of lipid metabolism.
46. Define Enthalpy and entropy? Explain the relation between them.

2 mark short essay

1. Define isoenzyme with examples.
2. What is the role of carnitine in fatty acid metabolism?
3. What is denaturation and renaturation of proteins?
4. Name chain terminating codons.
5. What are isoenzymes? Give examples.
6. Name the essential amino acids.
7. What is the B-Oxidation of fatty acids?
8. Write the uncouplers of ETC.
9. Write four differences between DNA and RNA.
10. Define energy rich compounds with examples.
11. What is ketosis.
12. What are cofactors? Give examples.
13. Name bile pigments, bile salts. What is galactosuria? Name the enzyme involved in it.
14. Give the structures of any two essential fatty acids.




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15. What are holoenzymes? Give examples.
16. What is atherosclerosis?
17. Write the inhibitors of ETC.
18. Name the different types of jaundice.
19. Write any two biochemical functions of cholesterol.
20. What are lipotropic factors? Name them.
21. Give the therapeutic importance of enzymes.
22. Write the types of diabetic mellitus.
23. Name the different types of porphyrias.
24. Define nucleosides and nucleotides.
25. What is Gout?
26. Name the glucogenic amino acids.
27. Define K_m and write its significance.
28. Mention the bases of DNA and RNA.
29. Name the enzymes and coenzymes present in pyruvate dehydrogenase Complex.
30. What are Okazaki fragments.
31. What is alkaptonuria?
32. Write the biological significance of proteins.
33. Define enzyme induction and repression.
34. Give the Amphibolic Nature of Krebs cycle.
35. Name the essential amino acids.
36. What is hyperbilirubinemia?
37. Define nucleosides and nucleotides.
38. Write the significance of Lineweaver-Burk plot.
39. What is isoelectric point?
40. Define free energy and redox potential.
41. Write four differences between DNA and RNA.
42. Write the structure and biochemical functions of cyclic AMP.
43. Define essential fatty acids with examples.
44. Give the physicochemical functions of serotonin.
45. What is phenylketonuria?




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46. What are the functions of t-RNA
47. Write the biological functions of proteins.
48. Name the bile salts and give their significance
49. Name the ketogenic amino acids.
50. Amphibolic Nature of TCA cycle.
51. Write the biological significance of proteins.
52. Define V_{max} and write its significance.



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QUESTIONBANK

UNIT I: Solubility of drugs

Long Essay

10 Marks

1. Define solubility. Explain the various factors affecting solubility of solids in liquids.
2. Define and derive Raoult's law. Write its applications
3. Explain in detail about the different factors affecting the solubility of drugs
4. Define azeotropic mixtures. With the help of a phase diagram explain in detail fractional distillation process
5. Describe the method of determining solubility of solids in liquids
6. Define dissolution. Explain the different quantitative factors influencing solubility of drugs.

Short Essay

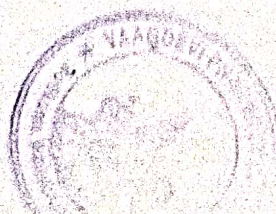
5 Marks

1. Explain solubility of partially soluble liquid system with example.
2. Explain sublimation critical point
3. Explain critical solution temperature and mention their applications
4. Explain real solutions with examples
5. What are paratonic solutions? What are the effects of injecting paratonic solutions
6. Explain the various applications of distribution law in Pharmacy.
7. Explain the method for determination of CST.
8. Explain various ideal solubility parameters for solubility process.
9. Discuss the different types of dissolution apparatus.
10. State and explain Nernst Distribution law along with its limitations
11. What are azeotropic mixtures? Explain with an example
12. Write a note on fractional distillation.

Short Answers

2 Marks

1. Define Diffusion and Dissolution
2. Define vapour pressure
3. Liquefaction of gases
4. Define the term isotonicity with an example.
5. Differentiate between isotonic and iso-osmotic solutions.
6. Limitations of Raoult's law



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UNIT II: States of Matter and properties of matter

Physicochemical properties of drug molecules

Longessay

Marks 10

1. List out physical properties of drug molecules. Describe any two of them with suitable example.
2. Describe the principle, construction and working of Abbe's refractometer. Write a note on its application.
3. Discuss dielectric constant and dipole moment with their applications in Pharmacy
4. Define optical rotation. Discuss in detail working of polarimeter.
5. Define dipole moment. Explain in detail its method of determination.
6. Write the different methods for the determination of surface tension.

Shortessay

Marks 05

1. What are eutectic mixtures? Explain with examples.
2. Explain sublimation critical point
3. Explain the determination of refractive index by Abbe's refractometer
4. Define dielectric constant. Write a note on its application in Pharmacy
5. Explain in detail different states of matter with examples.
6. Discuss in detail changes in states of matter.

Shortanswer

Marks 02

1. Define Relative humidity
2. Define latent heat
3. Define vapour pressure
4. Define normality and molarity of solution
5. What you mean by polarization
6. Liquefaction of gases.
7. What do you mean by glassy states?
8. What are aerosols?
9. Refractive Index and its application
10. Define polymorphism with example.



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UNIT:III: Surfaceandinterfacialphenomenon

LongEssay

(10 Marks)

1. DefineSurfacetension.Explaintheprincipleinvolvedindeterminationofsurface tension by capillary rise method. Give its limitations.
2. DefineAdsorptionisotherm.ExplainFreundlichandLangmuiradsorption Isotherms
3. DefineAdsorptionisotherms.Explainthebehaviorofvarious typesofadsorption isotherms with example.
4. Defineandclassifyamphiphiles.Explainthemechanisticroleofamphiphilesin Pharmacy.

Shortessay

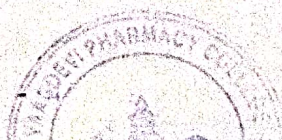
(05 Marks)

1. Givetheprincipleand workingofDunouy's tensiometer.
2. ExplainFreundlichand BETequationwith examples.
3. Explaincontactangle anditsapplicationsin pharmacy.
4. DefineHLBandexplainGriffins scale.
5. ExplaindifferentmethodstodetermineHLBofasurfactant.
6. Explainindetailspreadingcoefficientwithrelevantequations.
7. Explainthephenomenaofwettinganddetergency.
8. Explaintheformationofsolublemonolayerofanamphiphile.
9. Explaintheelectricaldoublelayerofaninterface.

ShortAnswer

(02 Marks)

1. DefineSurfacetensionandinterfacial tension.
2. EnumeratemethodstodetermineSurfacetension.
3. EnumeratemethodstodetermineInterfacial tension
4. GiveBET equation
5. Defineadsorption isotherm.
6. DefineContact angle
7. DefineHLBand mentionanytwoapplications
8. DefineSpreadingcoefficient
9. Relatecontact anglewith miscibility
10. Defineamphiphile
11. DefineCMC
12. Whataremicelles?Giveits structure
13. GiveGibb'sadsorptionequation
14. DefineNernst Potential



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15. Define Zeta potential.
16. List out wetting agents. Describe any one method for determination of wetting
17. Explain the concept of surface tension
18. What is meant by surface excess? Write its applications in pharmacy
19. Classify surfactants based on its applications
20. Define positive adsorption. Give two examples
21. Enumerate applications of amphiphiles in pharmacy

UNIT IV: Complexation and protein binding

Short Essay

(05 Marks)

1. Define complex. Classify with example.
2. Explain metal complexes with example.
3. Explain organic molecular complexes with example.
4. Explain inclusion complexes with example.
5. Explain mechanism of formation of hexamine cobalt chloride ligand complex.
6. Explain the mechanism of cyclodextrin drug inclusion complex. Give its applications
7. Explain the various applications of complexation in pharmacy with examples.
8. Enumerate different methods of analysis of complex. Explain continuous variation method of analysis.
9. Enumerate different methods of analysis of complex. Explain solubility method of analysis.
10. Enumerate different methods of analysis of complex. Explain distribution method of analysis.
11. Enumerate different methods of analysis of complex. Explain pH titration method of analysis.
12. Explain Werner's postulates with the help of a suitable example.

Short Answers

(02 Marks)

1. What are complexes? Give examples.
2. Write importance of complexation in pharmacy.
3. Two applications of inclusion complexes.
4. What is a chelating agent? Give its uses.
5. What are clathrates?
6. Enumerate different methods of analysis of complex.





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7. What are chelate complexes? Give an example
8. What are coordination complexes? Give an example
9. What are inclusion complexes? Give an example
10. What are complexed compounds? Give an example
11. Explain the principle involved in the method of potentiometric titration in complexation analysis.

UNIT V: pH, buffers and isotonic solutions

Short essay

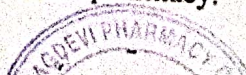
(5 marks)

1. Discuss the reason for adjusting pH of a dosage form
2. What do you mean by buffer capacity and buffer equation
3. Define a buffer. Explain the mechanism of action of buffers
4. Write a note on the method of determination of pH.
5. Define pH. Deduce the buffer equation for a weak acid and its salt with a strong base.
6. Applications of buffers in pharmaceutical and biological systems.
7. Write the calorimetric method of determination of pH.
8. Write a note on buffer action and buffer capacity.
9. Discuss the significance of buffers in the preparation of isotonic solutions.
10. Write the pharmaceutical applications of buffers.

Short answers

(2 marks)

1. Give any four examples of pharmaceutical buffers
2. Explain Sorensen's pH scale
3. What are buffered isotonic solutions
4. Give the buffer equation for an acid and base
5. What are hypotonic solutions. Give examples
6. Give the buffer equation for an acid and base
7. Types of pH determination methods
8. Isotonic and paratonic solutions
9. Give the Henderson-Hasselbalch equation
10. What are paratonic solutions? What are the effects of injecting paratonic solutions?
11. Explain the Griffin scale in detail.
12. Define the term isotonicity with an example
13. Explain the buffer equation.
14. Write any two applications of buffers in pharmacy.





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15. Write any four examples of pharmaceutical buffers.
16. Write any two applications of buffered isotonic solutions.
17. Write the principle involved in the method of pH titration in complexation analysis.
18. Write any four applications of buffers in biological systems.
19. What are buffered isotonic solutions?
20. What are the effects of injecting hypotonic solutions?



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MEDICINAL CHEMISTRY-I (BP402T)

QUESTION BANK

UNIT I

SHORT ESSAY

1. What is phase I biotransformation. Discuss any two oxidative reactions.
2. What is phase II biotransformation? Discuss any two conjugation reactions.
3. Write the factors affecting drug metabolism.
4. Define biotransformation. What is its importance? Write the sites of biotransformation.
5. Discuss the role of glucuronic acid and glycine in biotransformation.
6. Explain the role of Cytochrome P-450 in biotransformation.
7. Write in detail ionization & solubility as an important physico-chemical parameter.
8. Add a note on hydrogen bonding and protein binding.
9. Explain the role of solubility and partition coefficient.
10. Explain the role of chelation and bioisosterism.
11. Explain optical and geometrical isomerism in relation to biological action.
12. Discuss hepatic and extra-hepatic metabolism.
13. Explain the role of solubility and protein binding.
14. Explain the role of hydrogen bonding and partition coefficient.
15. Explain the role of ionization and bioisosterism.
16. Explain the role of ionization and chelation.
17. Discuss reductive and hydrolytic drug metabolism with its importance.
18. Explain the role of solubility and hydrogen bonding.

SHORT ANSWERS

1. Oxidation reactions in drug metabolism
2. Reduction reactions in drug metabolism
3. "Hydrolytic reactions in drug metabolism"



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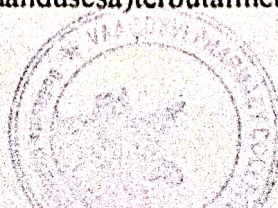
4. Writetheaimandpurposeofdrug metabolism
5. Sitesofbiotransformation
6. Firstpasseffectinhepaticdrugmetabolism
7. Importanceofextrahepaticdrug metabolism
8. WritethediagrammaticrepresentationofCytochrome
9. Importanceofhydrogenbondingindrugaction
10. Importanceofplasmaproteinbindingindrug action
11. Importanceofsolubilityindrugaction.
12. Importanceofpartitioncoefficientindrugaction.


UNIT II LONGESSAY

1. Defineandclassifyadrenergicagents?Discussadrenergicblockingagentsin detailAnd give the synthesis of propranolol.
2. Classifyadrenergicantagonistswithsuitableexampleineachclassalong with Structure. Write the synthesis of Tolazoline.
3. Givethebiosynthesisandmetabolismofnor-adrenaline.Writethesynthesis of Salbutamol and phenylephrine.
4. GivetheSARofB-adrenergicblockingagents.Outlinethesynthesisof propranolol.
5. Writetheclass,structure,mechanismandusesofa)Methyldopab) Ephedrine c)Phenoxy benzamine and d) Metoprolol
6. Define,classifyandwritetheSARofadrenergicagentsandgivethe synthesis of Phenylephrine.

SHORTESSAY

1. Writethestructure,mechanismofactionofOxymetazoline andClonidine with Uses.
2. Writeanoteonalphadrenergicantagonistsandstructureanduseofany one.
3. Discussdifferentbetareceptorantagonistsand writethelimitationsof non- selective beta blockers.
4. Explainthemechanismofactionandusesof a)Esmololb)Xylometazoline c)Prazosind)Pseudoephedrine.
5. Explainthemechanismofactionandusesa)terbutalineb)Ephedrine c)Methysergine d) Atenolol.




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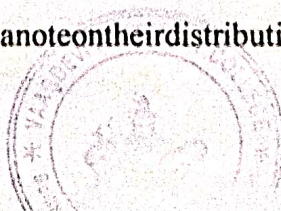
6. What are indirect acting sympathomimetic agents? Write the structure and uses of any one drug.

SHORT ANSWERS

1. Write the structure and uses of Propylhexedrine
2. Write the structure and uses of Dobutamine and Metaraminol.
3. Write any two drug structures for asthma
4. Write any two drug structures used for nasal decongestion
5. Write any two drug structures and uses of beta blockers.
6. Write any two drug structures and uses of alpha adrenergic blockers
7. What is catecholamine? Mention any two important neurotransmitters.
Catecholamines.
8. Write the structure and specific uses of Prazosin and Carvedilol
9. Write a note on alpha receptors
10. Write a note on beta receptors
11. Write any two structures of selective beta₂ agonists
12. Write the structure and uses of Metibranolol.
13. Write the structure and uses of Atenolol
14. Write the structure and uses of Betazolol
15. Write the structure and uses of Bisoprolol,
16. Write the structure and uses of Esmolol
17. Write the structure and uses of Metoprolol
18. Write the structure and uses of Carvedilol

UNIT III SHORT ESSAY

1. Explain the biosynthesis of acetylcholine and its function via various receptors
2. Explain the catabolism of acetylcholine. Write the structure and uses of pilocarpine.
3. Discuss the role of reversible and irreversible cholinesterase inhibitors as medicinal Agents.
4. What are solanaceous alkaloids? Write the synthesis and specific use of Ipratropium bromide,
5. Classify cholinergic receptors. Write a note on their distribution and function.



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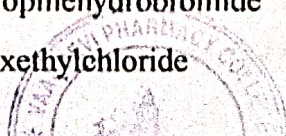
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6. Writethesynthesisof dicyclominehydrochloride. Discuss its mechanism of action, uses and possible side effects.
7. Writethesynthesisof procyclidinehydrochloride. Discuss its mechanism of action, Uses and possible side effects.
8. Discuss SAR of parasympathomimetic agents.
9. Discuss SAR of cholinolytic agents.
10. Writethestructure, uses and mechanism of action of pralidoximechloride.
11. Explain the role of cholinesterase enzyme. Write the Synthesis, mechanism of action And uses of neostigmine.
12. What are How are they useful. Explain the synthesis of Carbachol.
13. Discuss the role of acetylcholinesterase in the body. Classify acetylcholine Inhibitors with two examples each along with its specific uses.
14. Writethestructureof atropine. Discuss its mechanism of action, uses and side effects.
15. Writethestructure, uses and mechanism of (a) scopolamine Hydrobromide (b) Propantheline bromide

SHORT ANSWER

1. Write a note on muscarinic receptors
2. Write a note on Nicotinic receptors
3. Writethestructure and uses of Edrophoniumchloride.
4. Writethestructure and uses of Tacrinehydrochloride.
5. Writethestructure and uses of Ambenoniumchloride.
6. Writethestructure and uses of Isoflurophate.
7. Writethestructure and uses of Echothiophateiodide,
8. Writethestructure and uses of Parathion
9. Writethestructure and uses of Malathion.
10. Write a note on Cholinesterase reactivator
11. Writethestructure and uses of Atropinesulphate
12. Writethestructure and uses of Hyoscyaminesulphate
13. Writethestructure and uses of Scopolaminehydrobromide
14. Writethestructure and uses of Homatropinehydrobromide
15. Writethestructure and uses of Tridihexethylchloride



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16. Write the structure and uses of Isopropamide iodide
17. Write the structure and uses of Ethopropazine hydrochloride.
18. What are cholinolytics. Write one cholinolytic structure and uses

UNIT IV LONG ESSAY

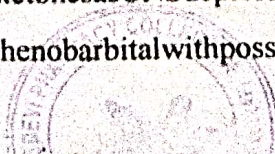
1. Define sedatives and hypnotics. Explain the SAR of barbiturates. Write the synthesis of barbital..
2. Write the SAR of benzodiazepines. Outline the synthesis of diazepam.
3. Explain the SAR of phenothiazines. Outline the synthesis and uses of chlorpromazine Hydrochloride.
4. What are anticonvulsants? Classify chemically with an example each. Enumerate the Structure, chemical name; synthesis and specific use any one.
5. Define and classify convulsions. Outline the synthesis of phenytoin and Carbamazepine.
6. Differentiate between the terms anxiolytics, sedative, hypnotic and tranquiliser. Outline the synthesis of diazepam.
7. Define antipsychotic drugs. Write the structure of any four drugs to treat the same. Belonging to different classes. Outline the synthesis of chlorpromazine hydrochloride.

SHORT ESSAY

1. Discuss the SAR of Barbiturates. Write the synthesis of barbital.
2. Discuss the SAR of Benzodiazepines. Write the structure and uses of Alprazolam.
3. Write the structure and uses of sedative and hypnotics from the miscellaneous Category.
4. Write and structure and uses of (a) Promazine Hydrochloride, Triflupromazine and Trifluperazine.
5. Write the structure and uses of Phenothiazine ring analogues.
6. Write the structure and specific uses of Hydantoin and Oxazolidinediones

SHORT ANSWER

1. Write the structure and specific uses of Lorazepam
2. Write the structure and specific uses of Alprazolam
3. Write the structure and uses of Beta amino ketones as CNS depressants.
4. Write the structure and specific uses of phenobarbital with possible side effects.



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5. Write the structure of any one clinically used benzamide as CNS depressant
6. Write the mechanism of action of Phenobarbitone

UNIT V LONG ESSAY


1. What is anaesthesia? Classify general anaesthetics. Give its mechanism of action. Outline the synthesis of Halothane and ketamine hydrochloride.
2. Explain the SAR of Morphine with respect to peripheral modification. Write the Synthesis of Fentanyl citrate.
3. Classify NSAIDs with example in each class. Write the synthesis of Ibuprofen.
4. What are narcotic analgesics? Give their mechanism of action with limitations. Write the synthesis of methadone hydrochloride
5. Differentiate between narcotics and NSAIDs. Outline the synthesis of methadone Hydrochloride and meprobamate.
6. Define anti-inflammatory drugs. Write the structure and uses of any four such drugs. Write the synthesis of Ibuprofen.

SHORT ESSAY

1. Explain inhalation anaesthetics in detail with relevant structures and comparative Clinical merits.
2. What is dissociative anaesthetic? Write synthesis and uses of ketamine hydrochloride,
3. What are Narcotic antagonists? Write the structure, uses and demerit of any two. Narcotic antagonists.
4. Write the nuclear SAR of morphine with respect to nuclear modifications.
5. Write the structure, uses and their serious side effects of a) Indomethacin b) Ketorolac c) Naproxen
6. Write the structure, uses and their serious side effects of a) Piroxicam b) Phenylbutazone and c) Aspirin.

SHORT ANSWER

1. Write structure and specific uses of Sulindac
2. Write the structure and specific uses of Tolmetin
3. Write the structure and specific uses of Zomepirac
4. Write any one drug structure of antitussive narcotic drug
5. Write the structure, specific uses and long term side effects of diclofenac
6. Write the structure and specific uses of Loperamide hydrochloride


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- Colchicine is biogenetically derived from one of the following
 - Tyrosine and Phenylalanine
 - Tryptophan and phenylalanine
 - Ornithine and Tryptophan
 - Ornithine and phenylalanine
- The diagnostic character for the microscopically identification of Kurchi bark is
 - Fibers with Y-shaped pits
 - Horseshoe shaped stone cells
 - steroids containing calcium oxalate crystals
 - Stratified cork
- It is possible to initiate the development of complete plants from callus cell cultures by suitable manipulation of the medium with respect to
 - Minerals
 - Vitamins
 - Carbohydrates
 - Hormones
- Polyploidy is defined as
 - Addition of one chromosome
 - Multiplication of entire chromosomes set
 - Submicroscopic change in DNA material
 - Gross structural change
- The starting material for the synthesis of ALPRAZOLAM is
 - 3-amino-5-bromoacetophenone
 - 2-amino-5-chloroacetophenone
 - 2-amino-5-chlorobenzophenone
 - 3-amino-5-chlorobenzophenone
- Simplification of Morphine system gave one BENZOMORPHAN derivative
 - Pentazocin
 - Pethidine
 - Levorphanol
 - Buprenorphine
- A metabolite of SPIRONOLACTONE is
 - Aldosterone
 - Canrenone
 - Corticosterone
 - Pregnenolone
- The IUPAC name for NAPROXEN is
 - (S)-2-(6-ethoxy-2-naphthyl)-acetic acid
 - (S)-2-(6-methoxy-2-naphthyl)-acetic acid
 - (S)-2-(6-ethoxy-2-naphthyl)-propionic acid
 - (S)-2-(6-methoxy-2-naphthyl)-propionic acid
- The metabolic function of Riboflavin involves the following
 - FMN and FAD
 - NADP and NADPH
 - AMP and ATP
 - Retin and Retinene
- X-ray spectral lines K α doublet arises from transition of electrons from
 - M shell to K shell
 - L shell to K shell
 - L shell to M shell
 - M shell to K shell
- The method of expressing magnetic field strength
 - Cycles/sec
 - Pulses/sec
 - Debye units
 - Gauss
- A solvent used in NMR
 - Chloroform
 - Acetone
 - Carbon tetrachloride
 - Methanol
- A widely accepted detector electrode for pH measurement is
 - Platinum wire
 - Glass electrode
 - Ag-AgCl electrode
 - Lanthanum fluoride
- Commercial production of citric acid is carried out by the microbial culture of
 - Fusarium moniliformi
 - Rhizopus nigricans
 - Aspergillus Niger
 - Candida utilis
- For thermophilic micro-organisms, the minimum growth temperature required is
 - 20°C
 - 37°C
 - 45°C
 - 65°C



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16. Obligatory anaerobes
 (a) Can tolerate oxygen and grow better in its presence
 (b) Do not tolerate oxygen and die in its presence
 (c) Can grow in oxygen levels below normal
 (d) Can grow in presence of atmospheric oxygen
17. Plasmid is a
 (a) Macromolecule involved in the protein synthesis
 (b) Circular piece of duplex DNA
 (c) A hybrid DNA that is formed by joining pieces of DNA
 (d) Endogenous substance secreted by one type of cell
18. Lactose intolerance is because of the lack of
 (a) Acid phosphates
 (b) Lactate dehydrogenase
 (c) Galactose-1-phosphate-uridyl transferase
 (d) Amylase
19. Synthesis of UREA takes place exclusively in
 (a) Kidney (b) Liver
 (c) Gall bladder (d) Urinary bladder
20. A term which describes a cofactor that is finally bound to an enzyme
 (a) Holoenzyme (b) Prosthetic
 (c) Coenzyme (d) Transferase
21. How many parts of 10% ointment be mixed with 2 parts of 15% ointment to get 12% ointment
 (a) 2 (b) 3
 (c) 5 (d) 6
22. The correct non-ionic surfactant used as a penetration enhancer in the preparation of mucoadhesives
 (a) Oleic acid (b) Tween-80
 (c) Glycerol (d) Propylene glycol
23. One of the ex-officio members of the Pharmacy Council of India is
 (a) Director General of Health Services
 (b) Government Analyst
 (c) Registrar of the State Pharmacy Council
 (d) Director General of Veterinary Research Institute
24. The Schedule in Drugs and Cosmetics Act that deals with the requirements and guidelines for clinical trials, import and manufacture of new drugs is
 (a) Schedule 'O' (b) Schedule 'M'
 (c) Schedule 'F' (d) Schedule 'Y'
25. A retardant material that forms a hydrophilic matrix in the formulation of matrix tablets is
 (a) H.P.M.C (b) C.A.P
 (c) Polyethylene (d) Carnauba wax
26. A drug which causes pink to brownish skin pigmentation within a week of the initiation of the therapy is
 (a) Itraconazole (b) Clofazimine
 (c) Lomefloxacin (d) Neomycin
27. The risk of Digitalis toxicity is significantly increased by concomitant administration of
 (a) Triamterene (b) Lidocaine
 (c) Captopril (d) Hydrochlorothiazide
28. An agent used in Prinzmetal angina has spasmolytic action which increases coronary blood supply is
 (a) Nitroglycerine (b) Nifedipine
 (c) Timolol (d) Isosorbide mononitrate
29. An organism which has been implicated as a possible cause of chronic gastritis and peptic ulcer is
 (a) *Campylobacter Jejuni*
 (b) *Escherichia Coli*
 (c) *Helicobacter pylori*
 (d) *Giardia lamblia*
30. A 5HT_{1D} receptor agonist useful in migraine is
 (a) Sumatriptan (b) Ketanserin
 (c) Ergotamine (d) Methysergide
31. At present, different species of Papavers such as *P. orientale* are being cultivated instead of *P. somniferum* because they contain
 (a) More of morphine (b) Less of morphine
 (c) Only codeine (d) Only thebaine
32. Guggulipid, a resin is
 (a) A hypolipidemic agent obtained from cotton plants containing multifunctional compound (\pm) Gossypol
 (b) A lipid obtained from *Arctium lappa*, Asteraceae traditionally used for the treatment of dermatoses
 (c) Cathartic glucosin obtained from *Ipomoea orizabensis* and used since ancient time
 (d) A hypolipidemic agent obtained from *Commiphora mukul* consisting of mixture of sterols including Z-pregna-(20)-diene-3, 16-diene
33. In nitroreduction synthesis, 5-nitrofurfuraldehyde diacetate is treated with one of the following intermediates in presence of $\text{CH}_3\text{COOH} + \text{H}_2\text{SO}_4 + \text{C}_2\text{H}_5\text{OH}$
 (a) Hydantoin
 (b) 1-5-diamino hydantoin
 (c) 1-3-diamino hydantoin
 (d) 1-amino-hydantoin



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34. 4-hydroxy-3-hydroxymethyl benzaldehyde is treated with acetic anhydride and then kept with other solvent, *t*-butyl cyanide and acetic acid for ten days. Resulting compound is reduced with LiAlH₄ in tetrahydrofuran. The final product is
 (a) Isoprenaline (b) Dobutamine
 (c) Salbutamol (d) Orciprenaline
35. 2-iminothiazolidine is treated with phenyl oxirane to get a drug used in roundworm infection
 (a) Piperazine (b) Tetramisole
 (c) Thiabendazole (d) Levamisole
36. Thiamine hydrochloride on treatment with alkaline potassium ferricyanide gives
 (a) Thymochromewithfluorescence
 (b) Oxythiaminewithgoldenyellowcolor
 (c) Neopyrithiaminewithorangeyellowcolor
 (d) Thiochromewithbluefluorescence
37. A new drug delivery system which is composed of phospholipids that spontaneously form a multilamellar, concentric bilayer vesicles with layers of aqueous media separating the lipid layers is
 (a) Prodrugs (b) Liposomes
 (c) Osmotic pumps (d) Nanoparticles
38. Unless otherwise stated in the individual monograph of the pharmacopeia, in the disintegration test for enteric coated tablets, first the dissolution is carried out in
 (a) 0.1 M HCl (b) Phosphate buffer
 (c) Water (d) 0.1 M H₂SO₄
39. What is the proportion of NaCl required to render a 1.5% solution of drug isotonic with blood plasma? The freezing point of 1% w/v solution of drug is -0.122°C and that of NaCl is -0.576°C
 (a) 0.65% (b) 0.585%
 (c) 0.9% (d) 0.5%
40. IR spectra appear as dips in the curve rather than maxima as in UV-Visible spectra because it is a plot of
 (a) % Absorbance against wave no.
 (b) % Transmittance against concentration
 (c) % Absorbance against Concentration
 (d) % Transmittance against wave no.
41. ESR is applied to only those substances showing paramagnetism which is due to the magnetic moments of
 (a) Neutrons (b) Protons
 (c) Paired electrons (d) Unpaired electron
42. Rotation of electrons about the proton generates a secondary magnetic field which may oppose the applied magnetic field. The proton is then said to be
 (a) Shielded (b) Shifted
 (c) Hydrogen (d) Deshielded
43. The analyte is used in the form of a solution flame photometry because it should undergo
 (a) Evaporation (b) Condensation
 (c) Nebulization (d) Precipitation
44. Isoniazid is a primary anti-tubercular agent that
 (a) Requires pyridoxine supplementation
 (b) Causes ocular complication that are reversible if the drug is discontinued
 (c) Is ototoxic and nephrotoxic
 (d) Should never be used due to its hepatotoxicity
46. Decreased risk of Atherosclerosis is associated with increase in
 (a) Very-low-density lipoproteins
 (b) Low-density
 (c) Cholesterol
 (d) High-density
47. The mechanism of action of Paclitaxel is
 (a) Bind to DNA through intercalation between specific bases and block the synthesis of new RNA or DNA, cause DNA strand scission
 (b) Mitotic spindle poison through the enhancement of tubulin polymerization
 (c) Competitive partial agonist-inhibitor of estrogen and binds to estrogen receptors
 (d) S-Phase specific antimetabolite that is converted by deoxy kinase to the 5'-mononucleotide
48. Lycopodium spore method can be used to find out percentage purity of crude drug which contain
 (a) Multi-layered tissues or cells
 (b) Well defined particles which can be counted
 (c) Oil globules
 (d) Characteristic particles of irregular thickness the length of which can be measured
49. The microscopic character flower buds of *Eugenia caryophyllus*
 (a) Collenchymatous parenchyma containing in its outer part numerous ellipsoidal schizolysigenous oil glands
 (b) Small translucent endosperm containing aleurone grains



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- (c) Wide parenchymatous starch cortex, the endosperm containing volatile oil
 (d) Outer surface consisting of external perisperm, rough, dark brown with reticulate furrows
50. In protein biosynthesis, each amino acid
 (a) Recognises its own codon by a direct interaction with the m-RNA template
 (b) Is added in its proper place to a growing peptide chain through "adaptor" function of t-RNA
 (c) Is first attached to an anti codon specific for the amino acid
 (d) Undergoes fidelity translation which is assured by the presence of traces of DNA on the ribosome
51. Starting material for the synthesis of L-Thyroxine is
 (a) 2-amino-5-chloro-acetophenone
 (b) Phenylalanine
 (c) 5-amino-2-chloro-acetophenone
 (d) L-tyrosine
52. One of the following anti-anxiety agents is a spiro-decanedione derivative.
 (b) Lorazepam (b) Cycloheptadiene
 (c) Meprobamate (d) Buspirone
53. Include the following drug under proper classification. NIFEDIPINE
 (a) Quinoline derivative
 (b) Arylpiperidine
 (c) Isoquinoline derivative
 (d) Pyridine derivative
54. Acetazolamide can be synthesized from one of the following intermediates.
 (a) 5-amino-2-mercapto-1,3-thiazole
 (b) 5-amino-2-mercapto-1,3,4-thiadiazole
 (c) 5-amino-2-mercapto-1,2,3-thiadiazole
 (d) 5-amino-2-mercapto-1,3,4-tetrazole
55. Choose the correct trichomes of *Digitalis purpurea*
 (a) Numerous covering trichomes and a few glandular trichomes
 (b) Few covering trichomes
 (c) Few glandular trichomes and few covering trichomes
 (d) Few glandular trichomes
56. PANAXADIOL is a constituent of
 (a) Ginger (b) Jatamansi
 (c) Ginseng (d) Pepper
57. The plant hormone which shows specific effect on the cell division is
 (a) Auxins (b) Abscisic Acid
 (c) Cytokinins (d) Ethylene
58. One of the following conditions is maintained in programmed temperature gas chromatography
 (a) Temperature of the whole column is raised during analysis
 (b) Temperature at the sample injection system is raised
 (c) Temperature at the detector is gradually raised
 (d) Temperature at the recorder alone is raised
59. ABOLOMETER consists of
 (a) Two metals welded together
 (b) A thin blackened platinum strip in a evacuated vessel
 (c) Deuterated triglycine sulphate
 (d) Tungsten
60. Choose the correct excipient for enhancing solubility in tablet manufacture.
 (a) PEG (b) Microcrystalline cellulose
 (c) Talc (d) Lactose
61. Two or more ions present together can be determined successfully by polarography even if their half wave potentials overlap or interfere by
 (a) Titration (b) Complexation
 (c) Filtration (d) Heating
62. One of the following is selective SEROTONIN reuptake inhibitor
 (a) Despramine (b) Fluoxetine
 (c) Buspropion (d) Maprotiline
63. Plasmodial resistance of CHLOROQUINE is due to
 (a) Induction of inactivating enzymes
 (b) Change in receptor structure
 (c) Increase in the activity of DNA repair mechanism
 (d) Decreased carrier-mediated drug transport
64. One of the following actions of opioid analgesic is mediated via kappa receptors
 (a) Cerebral vasodilation
 (b) Euphoria
 (c) Spinal analgesia
 (d) Physical dependence
65. One of the following drugs has activity against Herpes simplex virus type I and is used topically. Systemic administration of the same results in bone marrow depression, hepatic dysfunction and nephrotoxicity.
 (a) Acyclovir (b) Amantadine
 (c) Vidarabine (d) Idoxuridine



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66. A woman has to be treated for upper respiratory tract infection. Six years back she was found hypersensitive to penicillin V. The cultures now reveal a strain of *Streptococcus pneumoniae* that is sensitive to all of the following drugs. Which one would be the best choice for the patient
- (a) Amoxicillin (b) Erythromycin
(c) Cefaclor (d) Cycloacillin
67. The units of measurement for conductance is
- (a) Ohms (b) Amperes
(c) mhos (d) Milli volts
68. The shell of soft gelatin capsules made elastic or plastic like, by addition of
- (a) Sorbitol (b) Povidone
(c) PEG (d) HPMC
69. The rate of drug bioavailability is most rapid when the drug is formulated as a
- (a) Controlled release product
(b) Hard gelatin capsule
(c) Tablet
(d) Solution
70. The loading dose of a drug is usually based on
- (a) Total body clearance of the drug
(b) Percentage of the drug bound to plasma proteins
(c) Fraction of drug excreted unchanged in urine
(d) Apparent volume of distribution and desired drug concentration in plasma
71. Browne's tubes are most commonly used chemical indicator for
- (a) Ethylene oxide sterilization
(b) Radiation sterilization
(c) Heat process sterilization
(d) Filtration sterilization
72. A specimen obtained from a patient's cerebrospinal fluid, cultured in specialized media for about five weeks showed the presence of bent rods and tested positive with Ziehl-Neelsen reagent. Identify the organism
- (a) *Nisseria meningitidis*
(b) *Mycobacterium tuberculosis*
(c) *Bacteroides fragilis*
(d) *Leptospira interrogans*
73. *Staphylococcus aureus* is used for the I.P. assay of
- (a) Doxycycline (b) Bleomycin
(c) Kanamycin (d) Carbenicillin
74. State pharmacy council should have the following number of elected members
- (a) Six (b) Nine
(c) Five (d) Seven
75. Drug combination WARFARIN/VITAMIN-K results in a specific interaction. Identify.
- (a) Antagonistic
(b) Increased sedation
(c) No known interaction
(d) Harmful only in the presence of oxidizing agent
76. In the glucuronidation reaction of OXAZEPAM the functional group responsible is
- (a) OH (b) COOH
(c) SH (d) NH₂
77. Benzhydryl bromide when treated with 2-dimethyl amino ethanol in presence of K₂CO₃ gives one of the following
- (a) 2-diphenylethoxy-N,N-dimethylethylamine
(b) 2-diphenylmethoxy-N,N-diethylethylamine
(c) 2-diphenylmethoxy-N,N-dimethylethylamine
(d) 2-diphenylmethoxy-N,N-diethylethylamine
78. Demeclocycline differs from Chlorotetracycline only by
- (a) Absence of methyl group on C₆
(b) Absence of OH group on C₆
(c) Absence of dimethylamino group on C₄
(d) Absence of OH group on C₃
79. Choose the IUPAC name for Carbamazepine
- (a) 5[3-(dimethylamino)ethyl]10-11 dihydro-5H dibenz [b,f]azepine
(b) 5H dibenz [b,f]azepine-5-carboxamide
(c) 5H dibenz [b,f]azepine-5-acid chloride
(d) 5[3-(dimethylamino)propyl]10-11 dihydro-5H dibenz [b,f]azepine
80. Reserpine is derived from
- (a) Squalene
(b) Homoserine
(c) Tryptophan and tryptamine
(d) Asparagine
81. An alkaloid from *Atropa belladonna* having the molecular formula CHO $\overset{172.33}{N}$ having α -D₂₂^o when warmed with ethanolic alkaline solution is converted into
- (a) (-) Hyoscyamine (b) (±) Hyomoserine
(c) (+) Hyoscyamine (d) (±) Hyoscine



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82. Choose the appropriate description for Ergot
- Loosely arranged or in small more or less agglutinated angular mass
 - A pseudoparenchyma formed by the interweaving closely appressed compact septate hyphae
 - The cryptocarps have fallen out leaving corresponding oval perforations in the ramuli
 - Colourless septate hyphae about one quarter the width of the cotton trichome and they become twisted together
83. Characteristic bands observed in the IR spectra of alcohol result from
- OH and CO stretching
 - OH stretching
 - CO stretching only
 - CH bending only
84. Bulking agent used for parenteral preparation is
- Sodium metabisulphide
 - Benzyl alcohol
 - Carbolic acid
 - Sorbitol
85. Identify the correct non-flammable propellant
- Trichloromonofluoromethane
 - Dichloromonofluoromethane
 - Dimethyl ether
 - Difluoromethane
86. Elastomer used in rubber stopper formulation is
- Polybutadiene
 - Butyl Stearate
 - Titanium Dioxide
 - Butylated hydroxytoluene
87. Schedule D as per D & C Act is concerned with
- List of drugs exempted from the provision of import of drugs
 - Diseases or ailments which a drug may not purport to prevent or cure
 - Requirements of factory premises
 - List of prescription drugs
88. Official method for the analysis of Ciprofloxacin is by
- Potentiometry
 - HPLC
 - Gas Chromatography
 - Non-aq. Titration
89. The radio frequency radiation is associated with
- Light consisting of one colour only
 - Nuclear Magnetic Resonance
 - Mass Spectrometry
 - ESR
90. How many grams of drug should be used in preparing 500 ml of a 1:2500 solution
- 0.2
 - 0.02
 - 0.4
 - 1.25
91. The pyroelectric detector converts electromagnetic radiation into
- Electrical Signal
 - Fluorescence
 - Electrons
 - Visible light
92. The mechanism of Digitalis is
- Decreases intracellular Na concentration
 - Inhibits Na-KATPase
 - Activated adenyl cyclase which produces c-AMP
 - Decreased Release of Calcium from Sarcoplasmic reticulum
93. The mechanism of action for Dactinomycin is
- Inhibits Topoisomerase II
 - Crosslinks DNA
 - Inhibits functions of microtubules
 - Inhibits DNA Polymerase
94. One of the drugs when coadministered with Terfenadine may lead to life threatening Cardiac dysarrhythmia
- Lomafloxacin
 - Clofazimine
 - Itraconazole
 - Neomycin
95. Adverse effects of one of the drug include amenorrhoea, bone marrow depression, gastrointestinal distress and haemorrhagic distress. Identify?
- Cyclizine
 - Piroxicam
 - Cyclophosphamide
 - Cimetidine
96. Varicella zoster is the causative organism for
- Small Pox
 - Dermatophytosis
 - Herpes
 - Infectious mononucleosis
97. One of the following is confirmed by diagnosis test
- Hyperuricemia
 - Cystic fibrosis
 - Acute pancreatitis
 - Hyperlipidemia
98. The conversion of fructose 1,6-bisphosphate to Glycer-aldehyde-3-phosphate is catalysed by
- Phosphoglycerate kinase
 - Enolase
 - Aldolase
 - Triose phosphate isomerase
99. Morphine undergoes microsomal oxidation by
- N-dealkylation
 - Aromatic hydroxylation
 - Oxidative deamination
 - O-dealkylation



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100. SULFASALAZINE is a prodrug that is activated in the intestine by bacterial enzymes
 (a) Azoreductase
 (b) Choline esterase
 (c) Glucuronyltransferase
 (d) Amylase
101. Which of the following metals has no therapeutic use?
 (a) Lead (b) Lithium
 (c) Gold (d) Platinum
102. Anti-asthmatic agent which is not a mast cell stabilizer
 (a) Ketotifen (b) Terbutaline Sulfate
 (c) Nedocromil (d) Sodium Chromoglycate
103. The drug which was used as 'LIE DETECTOR' during the Second world war is
 (a) Nitrous Oxide (b) Chloroquine
 (c) Carbamazepine (d) Hyoscyine
104. Choose the "Cholinesterase reactivator"
 (a) Atropine (b) Pralidoxime
 (c) Pirenzepine (d) Ipratropium
105. Which one of the following is used in treatment of Ulcerative Colitis?
 (a) Sulfasalazine (b) Mesalazine
 (c) Olsalazine (d) All of the above
106. A source of a nitrocarcinogenic drug is
 (a) Belladonna (b) Nux vomica
 (c) Vincarosea (d) Cascara
107. Organic nitrates are not very useful in acute angina attacks because they
 (a) are insoluble
 (b) can only be given orally
 (c) cause very severe side effects
 (d) must be converted before being active
108. Which one of the following interacts with vasopressin
 (a) Chloramphenicol (b) Diphenylhydantoin
 (c) Chlorpropamide (d) Dicumarol
109. Choose the correct statement
 (a) Quinine and Quindine are dextrorotatory, cinchonine and cinchonidine are levorotatory
 (b) Quinine and Quindine are levorotatory, cinchonine and cinchonidine are Dextrorotatory
 (c) Quinine and cinchonidine are levorotatory, Quindine and cinchonine are dextrorotatory
 (d) Quinine and cinchonine are dextrorotatory, Quindine and cinchonidine are Levorotatory
110. Ergotoxine is a mixture of
 (a) 2 alkaloids (b) 3 alkaloids
 (c) 4 alkaloids (d) 6 alkaloids
111. The active constituents of cassia bark consist of all of the following EXCEPT
 (a) Cinnamic acid (b) Caryophylline
 (c) Eugenol (d) Coumarin
112. Tropane is
 (a) 6,7-epoxytropane
 (b) 3 α -hydroxytropane
 (c) 3 β -hydroxy tropane
 (d) 3-apatropine
113. Cyanogenic glycosides are
 (a) S-Glycosides (b) O-Glycosides
 (c) C-Glycosides (d) N-Glycosides
114. Which of the following tests is for Deoxy sugar containing cardiac glycoside?
 (a) Baljestest
 (b) Legal test
 (c) Libermann's Sterol Test
 (d) Killer-killani test
115. One of the following is used in preparing grating:
 (a) Iron (b) Teflon
 (c) Aluminium (d) Glass
116. Fellgett's advantage is due to:
 (a) FTIR (b) UV
 (c) Mass spectroscopy (d) IR
117. The region of electromagnetic spectrum below 200 nm is:
 (a) Vacuum UV (b) Far UV
 (c) Low UV (d) Microwave region
118. The role of borax in cold creams is
 (a) Anti-microbial agent
 (b) To provide fine particle to polish skin
 (c) in-situ emulsifier
 (d) Antioxidant
119. Geiger Muller counter is filled with
 (a) Helium (b) Argon
 (c) Krypton (d) Xenon
120. Radiation source in Atomic absorption spectroscopy is:
 (a) Deuterium lamp
 (b) Lasers
 (c) Hollow cathode lamp
 (d) Mercury lamp



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121. Which of the following drugs is NOT a typical anti-psychotic agent?

- (a) Chlorpromazine (b) Haloperidol
(c) Risperidone (d) Flupentixol

122. Myasthenia gravis is diagnosed with improved neuromuscular function by using

- (a) Donepezil (b) Edrophonium
(c) Atropine (d) Pancuronium

123. Which one of the following drugs specially inhibits calcineurin in the activated T Lymphocytes?

- (a) Daclizumab (b) Prednisone
(c) Sirolimus (d) Tacrolimus

124. The chemical behaviour of morphine alkaloid is

- (a) Acidic (b) Basic
(c) Neutral (d) Amphoteric

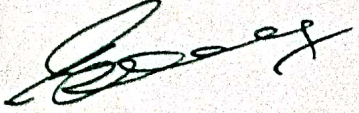
125. Which one of the following is used as a mood stabilizer for bipolar disorders and also in certain epileptic convulsions?

- (a) Phenytoin (b) Lithium
(c) Sodium valproate (d) Fluoxetine

ANSWERKEYS

1. (a)	2. (b)	3. (d)	4. (b)	5. (c)	6. (a)	7. (b)	8. (d)	9. (a)	10. (b)
11. (d)	12. (c)	13. (b)	14. (c)	15. (c)	16. (b)	17. (b)	18. (c)	19. (b)	20. (b)
21. (b)	22. (b)	23. (a)	24. (d)	25. (a)	26. (b)	27. (d)	28. (b)	29. (c)	30. (a)
31. (a)	32. (d)	33. (d)	34. (c)	35. (c)	36. (d)	37. (b)	38. (a)	39. (b)	40. (d)
41. (d)	42. (a)	43. (c)	44. (c)	45. (a)	46. (d)	47. (b)	48. (b)	49. (a)	50. (b)
51. (b)	52. (d)	53. (b)	54. (b)	55. (d)	56. (c)	57. (a)	58. (a)	59. (b)	60. (a)
61. (a)	62. (b)	63. (d)	64. (c)	65. (d)	66. (c)	67. (c)	68. (a)	69. (d)	70. (d)
71. (c)	72. (a)	73. (a)	74. (a)	75. (a)	76. (a)	77. (c)	78. (a)	79. (b)	80. (c)
81. (a)	82. (b)	83. (b)	84. (d)	85. (b)	86. (b)	87. (a)	88. (b)	89. (b)	90. (a)
91. (a)	92. (b)	93. (a)	94. (c)	95. (c)	96. (a)	97. (b)	98. (a)	99. (a)	100. (a)
101. (a)	102. (b)	103. (b)	104. (b)	105. (a)	106. (c)	107. (c)	108. (c)	109. (c)	110. (b)
111. (d)	112. (a)	113. (d)	114. (d)	115. (c)	116. (a)	117. (a)	118. (c)	119. (b)	120. (c)
121. (c)	122. (b)	123. (d)	124. (d)	125. (b)					

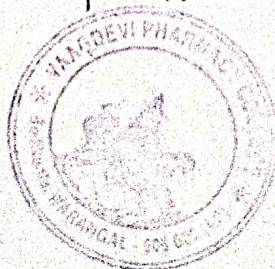




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GPAT MOCKTEST-II

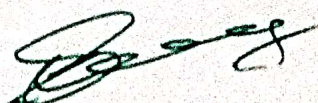
- The entropy of a pure crystal is zero at absolute zero. This is a statement of
(a) First law of thermodynamics
(b) Second law of thermodynamics
(c) Third law of thermodynamics
(d) None of these
- Parachor is having properties of
(a) Additive (b) Constitutive
(c) Both a & b (d) None of the above
- Hofmann elimination is observed in
(a) Quaternary ammonium hydroxide
(b) Phosphonium hydroxide
(c) Haloalkane
(d) Both a and b.
- Which drug blocks coupling of Acetylcholine and large electrochemical gradient?
(a) Hemicholinium (b) Vesamicol
(c) Botulinum (d) Neostigmine
- Which of the following drugs is used to terminate Paroxysmal supraventricular tachycardia?
(a) Methacholine (b) Bethanechol
(c) Triptamine (d) All of the above
- Which of the following drugs is used in postoperative non-obstructive urinary retention?
(a) Methacholine (b) Bethanechol
(c) Triptamine (d) All of the above
- Only organophosphate, which is not lipid soluble is
(a) Echothiophate (b) Tabun
(c) Tacrine (d) Soman
- pH of Buffer system is calculated using
(a) pH Partition theory
(b) Michaelis Menton equation
(c) Handerson Hasselbalch equation
(d) Noyes whitney equation
- Range of particle size for colloidal dispersion is
(a) Less than 1 nm (b) 0.5 μm - 1 nm
(c) 1 - 5 μm (d) $> 5 \mu\text{m}$
- Molecular weight of colloid can be calculated using
(a) Faraday Tyndall Effect
(b) Light scattering effect
(c) Brownian motion
(d) All of the above
- Method for determining Surface Area is
(a) Karl Fisher Method
(b) Air permeability Method
(c) Carr's index
(d) All of the above
- Water soluble Qinghaosu Alkaloid
(a) Artemether (b) Artesunate
(c) Artemisinin (d) All of the above
- Malignant tertian Malaria caused by
(a) Plasmodium Vivax
(b) Plasmodium Falciparum
(c) Plasmodium Ovale
(d) Plasmodium malariae
- β lactamase resistant penicillin is
(a) Cloxacillin (b) Clavulanic acid
(c) Sulbactam (d) Tolbactam
- Monobactam antibiotic is
(a) Aztreonam (b) Imipenam
(c) Meropenam (d) All of above
- Which Vitamin is known as "anti-egg white injury factor"
(a) B₁ (b) B₂
(c) B₇ (d) B₁₂
- Simethicone is component of several antacid formulation, chemically it is
(a) Wax (b) Fat
(c) Silicon (d) Alginates




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18. All the following physiochemical constants are used in predicting solubility of drug except
 (a) pka of drug (b) Ionization
 (c) Valency (d) Dielectric constant
19. D-Fructose on simple reduction gives
 (a) L-Fructose (b) Sorbitol
 (c) Mannitol (d) Both b and c
20. Ethylene oxide acts as sterilizing agent by
 (a) Oxidation (b) Alkylation
 (c) Coagulation (d) All of above
21. Glucose have _____ total isomers
 (a) 4 (b) 8
 (c) 16 (d) 32
22. The order of stability of carbanion is
 (a) Tertiary > Secondary > Primary
 (b) Secondary > Tertiary > Primary
 (c) Primary > Secondary > Tertiary
 (d) Primary > Tertiary > Secondary
23. Tag open cup apparatus is used for measurement of
 (a) Flame projection (b) Flame point
 (c) Flash light (d) Flame intensity
24. p53 is called as
 (a) Guardian of the cell
 (b) Guardian of the genome
 (c) Both
 (d) Destructor of the cell
25. Orange Peel Effect is due to
 (a) High viscosity of coating solution
 (b) Overwetting of tablet
 (c) Rapid escape of solvent
 (d) Rapid migration of color.
26. Ratio of dry glycerin to dry gelatin for hard capsule should be
 (a) 0.4 (b) 0.6
 (c) 0.8 (d) 1.0
27. What is the proportion of NaCl required to render a 1.5% solution of drug isotonic with blood plasma?
 (a) 0.65% (b) 0.585%
 (c) 0.9% (d) 0.5%
28. Schedule P states
 (a) Packaging requirement
 (b) Life period of drug
 (c) Patent or Proprietary medicines
 (d) List of Pigments
29. Vaccines and Sera are recovered under which schedule
 (a) Schedule X (b) Schedule C
 (c) Schedule G (d) Schedule H
30. Drug Technical Advisory Board (DTAB) is constituted by _____ and consist of _____ members.
 (a) Central Govt and 18 members
 (b) Central Govt. And 16 members
 (c) State Govt. And 18 members
 (d) State Govt. And 16 members
31. Schedule "k" states
 (a) Minimum equipment required for running pharmacy
 (b) Drugs exempted from certain provision relating to manufacture of drugs
 (c) Disease or ailment which a drug may not purport to prevent or cure
 (d) List of drugs exempted from the provision of import.
32. Mulling agent used in sample preparation of IR is _____
 (a) Nujol (b) KBr
 (c) Perfluorokerosene (d) Both a and c
33. Which of the following will exhibit λ_{max} at larger wavelength?
 (a) $CH_3CH_2CH_2CH=CH_2$
 (b) $CH_2=CHCH_2CH_2CH=CH_2$
 (c) $CH_2=CHCH=CH_2$
 (d) $CH_2=CHCH=CHCH=CH_2$
34. Which of the following cannot be used as a source of UV radiations?
 (a) Tungsten lamp (b) Hydrogen lamp
 (c) Deuterium lamp (d) Nernst glower
35. Which of the following drugs is not estimated by non aqueous titration officially?
 (a) Atropine
 (b) Adrenaline
 (c) Sulphamethoxazole
 (d) Ethambutol
36. Karl-Fisher reagent is standardized with:
 (a) Total molecular weight of fresin
 (b) Methyl alcohol
 (c) Solubility of ion exchange resin
 (d) Glacial acetic acid
37. Following laws are used to predict energy requirements for comminution process.
 (a) Rittinger's law (b) Kick's law
 (c) Bond's law (d) All




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38. Following is/are dimensionless number(s)
 (a) Reynold's number
 (b) Power number
 (c) Mass transfer number
 (d) All
39. Kjeldahl titration method is used for the detection of:
 (a) Water (b) Organic compound
 (c) S (d) N₂
40. Iupac name of Nifedipine is:
 (a) 1,4-dihydro-2,6-dimethyl-4-(3-nitrophenyl)-3,5-pyridine carboxylic acid dimethyl ester
 (b) 1,4-dihydro-2,6-dimethyl-4-(2-nitrophenyl)-3,5-pyridine carboxylic acid dimethyl ester
 (c) 1,4-dihydro-2,6-dimethyl-4-(2-nitrophenyl)-3,5-pyridine carboxylic acid methyl ethyl ester
 (d) 2,4-dihydro-1,6-dimethyl-4-(3-nitrophenyl)-3,5-pyridine carboxylic acid dimethyl ester
41. Which of the following drug produce ocular mucotaneous syndrome?
 (a) Timolol (b) Atenolol
 (c) Practolol (d) Metoprolol
42. Which of the following antiulcer agent obtain from liquorice root?
 (a) Sucralfate (b) Carbinoxolone
 (c) Misopristol (d) None
43. Chemically Diltiazem is
 (a) 1,4-dihydropyridine dvt
 (b) Phenylalkylamine dvt
 (c) Benzothiazepine dvt
 (d) None
44. The starting material for clonidine synthesis is
 (a) 2,6-Dichloroaniline + Ammonium thiocyanate
 (b) 2,5-Dichloroaniline + Ammonium thiocyanate
 (c) 2,4-Dichloroaniline + Ammonium thiocyanate
 (d) 3,4-Dichloroaniline + Ammonium thiocyanate
45. The basic moiety present in Prazosin is
 (a) Quinoline (b) Isoquinoline
 (c) Quinazoline (d) None
46. Chemically proton pump inhibitor is
 (a) Pyridylmethylsulfinylbenzimidazole dvt
 (b) Pyridylmethylsulfinylbenzimidazole dvt
 (c) Pyrimidylmethylsulfinylbenzimidazole dvt
 (d) Pyrimidylmethylsulfinylbenzimidazole dvt
47. Predict the product obtained by treating 6-chloro-3,5-diaminopyrazine-2-methyl carboxylate with guanidine
 (a) Amiloride (b) Hydrochlorothiazide
 (c) Triamterene (d) Furosemide
48. Which of the following drug use in cohn's syndrome?
 (a) Triamterene (b) Amiloride
 (c) Spironolactone (d) All
49. Which of the following synthesized by Fischer-indole synthesis?
 (a) Sulindac (b) Indoprofen
 (c) Indomethacin (d) All
50. Chemically Nimesulide is:
 (a) Naphthalacetic acid dvt
 (b) Aryl acetic acid dvt
 (c) Methanesulfonamide dvt
 (d) All
51. Which of the following neurotoxin inhibit Ach release and use in blepharospasm?
 (a) Botulinum toxin (b) beta-bungarotoxin
 (c) Vesamicol (d) Hemicholinium
52. One of the following is not a triazolobenzodiazepine derivative:
 (a) Alprazolam (b) Triazolam
 (c) Midazolam (d) Estazolam
53. One of the following is false about benzodiazepines:
 (a) Alkyl substituents at 3-position decreases the activity
 (b) The N-substituent at 1-position should be small
 (c) A phenyl or pyridyl at the 5-position decreases activity
 (d) The presence of electron-attracting substituents (Cl, F, Br, NO₂) at position 7 is required for activity
54. One of the following belong to imidazolidine-2,4-dione class:
 (a) Phenytoin (b) Trimethadione
 (c) Phensuximide (d) Paramethadione
55. In limit test for iron interference of other metal cation is removed by
 (a) Thioglycolic acid (b) Citric acid
 (c) Both (d) Ammonia solution
56. The usual limit for Heavy metal as I.P is
 (a) 10 ppm (b) 20 ppm
 (c) 30 ppm (d) 40 ppm



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57. Electron is filled in lowest energy orbital then higher energy orbital is given by

- (a) Pauli-principle (b) Hund rule
(c) Auf-baurule (d) Heisenberg principle

58. Chhotachand is the common name of

- (a) Ashwagandha (b) Nuxvomica
(c) Rauwolfia (d) Colchicum

59. Quinine is identified by

- (a) Thalloquinet test (b) Vitali-morinetest
(c) Borntrager test (d) Libberman Buchard test

60. The botanical source of chitrakis

- (a) Tinosporacordifolia
(b) Vitexnigundo
(c) Plumbago zylanicum
(d) Cassiatora

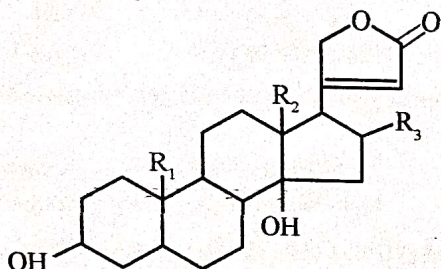
61. One of the following is also known as staff tree

- (a) Brahmi (b) Amla
(c) Behda (d) Malkangni

62. Karunj, Pongapin, Pinnatin are the constituent of

- (a) Palash (b) Karanj
(c) Nagod (d) Neem

63. In the following structural formula, select the functional groups for Digitoxigenin



- (a) $R_1 = CH_3, R_2 = R_3 = H$
(b) $R_1 = CH_3, R_2 = H, R_3 = OH$
(c) $R_1 = CH_3, R_2 = OH, R_3 = H$
(d) $R_1 = CHO, R_2 = R_3 = H$

64. Triphlachurna contain

- (a) Amla (b) Bahda
(c) Harde (d) All

65. The calcium oxalate crystals present in wild cherry possess shapes of

- (a) Acicular (b) Raphides
(c) Microcrystals (d) Prisms

66. Three molecules of Digitoxose attached to one molecule of glucose are present in the cardioactive glycoside

- (a) Gitaloxin (b) Gitoxin
(c) Digitoxin (d) Purple aglycoside A

67. Chitral gum obtained from Astragalus strobiliferus is one of the adulterant of

- (a) Acacia (b) Algin
(c) Agar (d) Tragacanth

68. Cochlospermum gossypium of the family bixaceae is one of the source of

- (a) Starch (b) Algin
(c) Sterculia gum (d) Gattigum

69. Smaller granules are present in starch of

- (a) Maize (b) Wheat
(c) Rice (d) Potato

70. Catechins and gallic acids are the examples of

- (a) Hydrolysable tannins
(b) Non-hydrolysable tannins
(c) Condensed tannins
(d) Pseudotannins

71. Goldbeater's skin test is used to detect the presence of

- (a) Resins (b) Alkaloids
(c) Tannins (d) Glycosides

72. Green bones are used for the preparation of gelatin of the type

- (a) A (b) B
(c) C (d) A and B

73. Bufadenolides are present in

- (a) Squill (b) Strophanthus
(c) Thevetia (d) Arjuna

74. All micronutrients required for plant tissue culture are

- (a) Organic compounds
(b) Combined organic and inorganic material
(c) Inorganic elements
(d) None

75. The most common carbon source for PTC is

- (a) Dextrose (b) Sucrose
(c) Charcoal (d) Maltose

76. In protoplast culture protoplasm is isolated by using

- (a) Cellulase (b) Macerozyme
(c) Both (d) None



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- Plant tissue culture has potential role in all except
- Secondary metabolite production
 - Biotransformation
 - Genetic mapping
 - Micropropagation
78. Marine fungus is the source for
- Penicillin
 - Cephaelosporin
 - Zonanol
 - Avarol
79. Chloroquine acts by inhibiting following enzyme
- DNA & RNA polymerase
 - DNA gyrase
 - Dihydrofolate reductase
 - DNA synthase
80. Which sulphonamide is not used in diuretics?
- Tolbutamide
 - Bumetanide
 - Chlorthalidone
 - Furosemide
81. Which is following is not a prodrug
- Proguanil
 - Sulfasalazine
 - Prontosil red
 - Trimethoprim
82. Which alkaloid is used to treat amoebiasis?
- Ipecac
 - Theophylline
 - Brucine
 - Aconite
83. Glycobiarsol used in
- Anti malarial
 - Anti amoebic
 - Anti cancer
 - Anti ashtmatic
84. Which Nitroimidazole derivative having Morpholine moiety?
- Tinidazole
 - Ornidazole
 - Timorazole
 - Metronidazole
85. Which antibiotic having direct action on trophozoite-cidal?
- Paramomycin
 - Neomycin
 - Natamycin
 - Erythromycin
86. Which is not true for Isoniazid?
- It is Hydrazide of isonicotinic acid
 - Structurally similar to Pyridoxine
 - It inhibits Mycolase Synthase
 - It is Hydrazide of nicotinic acid
87. Isoniazid is synthesized from
- Methyl ester of isonicotinic acid + Hydrazine
 - Methyl ester of nicotinic acid + Hydrazine
 - Methyl ester of isonicotinic acid + Phenyl Hydrazine
 - Methyl ester of isonicotinic acid + Methyl Hydrazine

88. Normalisation in GC is used to detect _____ by using area under curves.
- Steroids
 - Volatile compounds
 - Terpenes
 - Sugars
89. Highest column loadings in GC are observed with:
- Packed columns
 - WCOT
 - SCOT
 - PLCOT
90. In flocculation occurring in suspension, the particles in flocules are held by _____?
- Repulsive forces
 - Gravitational force
 - Vanderwaal forces
 - None
91. Pseudoplastic flow is typically exhibited by
- Emulsion
 - Polymer solution
 - Suspension
 - Ointment
92. In polarography _____ is used for qualitative analysis.
- Half wave potential
 - Migration current
 - Diffusion current
 - Limiting current
93. In polarography _____ is used for quantitative analysis.
- Half wave potential
 - Migration current
 - Diffusion current
 - Limiting current
94. Catheterometer is an alternative name for:
- Thermal conductivity detector
 - Electron capture detector
 - Flame ionization detector
 - Thermionic detector
95. Anode and cathode are not used in:
- Photo ionisation detector
 - Electron capture detector
 - Flame photometer detector
 - Thermionic detector
96. The Carbocation is reactive intermediate have following characteristic
- It is positively charged reactive intermediate
 - The Tertiary carbocation is more stable than Secondary and Primary carbocation
 - The electron donating group increases stability of carbocation
 - The electron withdrawing group decreases stability of carbocation
- P, R is correct but Q, S is incorrect
 - P, Q, R is correct but S is incorrect
 - P, Q is incorrect but R, S is incorrect
 - All statement is correct



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97. Which one of the following is not evaluation parameter in suspension?
 (a) Zeta potential (b) Sedimentation ratio
 (c) Phase inversion (d) Particle size
98. Film former used in nail liquoris
 (a) Ethyl acetate
 (b) Nitrocellulose
 (c) Cellulose acetate phthalate
 (d) Polyethyleneglycol
99. Humectants used in tooth paste is
 (a) Glycerine (b) Zinc carbonate
 (c) Titanium dioxide (d) Calcium fluoride
100. Anisoelectric point for type A gelatin capsule is at pH
 (a) 2 (b) 6
 (c) 9 (d) 12
101. Which of the following tablet is composed of readily water soluble ingredient and intended to be added to a sterile water for parenteral administration?
 (a) Effervescent tablet (b) Dispensing tablet
 (c) Hypodermic tablet (d) Tablet triturates
102. Which chemical indicator is used for validation of gaseous sterilization method.
 (a) Brown tube
 (b) Bowie Dick heat sensitive tapes
 (c) Royce sachet
 (d) Chemical dosimeter
103. In parenterals, Water attack test is used for which type of glass?
 (a) Type-1 (b) Type-2
 (c) Type-3 (d) Non-parenteral
104. Test organism for Bacitracin Assay is
 (a) Bacillus subtilis (b) Bacillus pumilus
 (c) Micrococcus luteus (d) Staphylococcus aureus
105. Test organism for Amikacin Assay is
 (a) Bacillus subtilis (b) Bacillus pumilus
 (c) Micrococcus luteus (d) Staphylococcus aureus
106. Optimum value of BLOOM STRENGTH should be
 (a) 50-100 g (b) 100-150 g
 (c) 150-250 g (d) More than 250 g
107. Tyndallisation require following condition
 (a) 80°C for 3 days (20 min)
 (b) 60°C for 3 days (20 min)
 (c) 120°C for 3 days (20 min)
 (d) None
108. Validation of moist heat sterilization is done using
 (a) Bacillus subtilis (b) Bacillus coagulans
 (c) Bacillus niger (d) Clostridium sporogens
109. Schedule "k" states
 (a) Minimum equipment required for running pharmacy
 (b) Drugs exempted from certain provision relating to manufacture of drugs
 (c) Disease or ailment which a drug may not purport to prevent or cure
 (d) List of drugs exempted from the provision of import
110. Active form of chloramphenicol is
 (a) D-Erythro (b) D-Threo
 (c) L-Erythro (d) L-Threo
111. Z value in sterilization is
 (a) Bio burden
 (b) Resistance value
 (c) Sterilization process eq. time
 (d) Probability of nonsterility
112. Efficiency of HEPA filter to remove particles upto 0.3 micron is
 (a) 99.99% (b) 98.97%
 (c) 99.89% (d) 99.97%
113. Bingham bodies is the term used to represent following rheologic system
 (a) Plastic system (b) Newtonian liquids
 (c) Dilatant systems (d) Thixotropic systems
114. To avoid lithium toxicity patient using lithium carbonate for mood disorder should not prescribed
 (a) Acetazolamide (b) Furosemide
 (c) Mannitol (d) Hydrochlorothiazide
115. Patient taking digoxin for CHF is found to have elevated cholesterol level which agent not prescribed with it?
 (a) Lovastatin (b) Cholestyramine
 (c) Clofibrate (d) Niacin
116. Rofecoxib not given if patient is already taking
 (a) Anxiolytic (b) Antidiabetic
 (c) ACE inhibitor (d) All
117. The usual limit for Heavy metal as I. Pis
 (a) 10 ppm (b) 20 ppm
 (c) 30 ppm (d) 40 ppm
118. In Limit test for lead there agent use as Per I. and B. P is
 (a) Dithiazone (b) Lead sulphide
 (c) Both (d) Lead nitrate



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119. In limit test for arsenic which of the following method is used ?

- (a) Arsine test (b) Gutzeit test
(c) Both (d) None

120. Bretylium tosylate is

- (a) Sec. amine (b) Ter. Amine
(c) Quat. Amine (d) Quat. Amide

121. Benzofuran ring containing drugs

- (a) Amiodarone (b) Griseofulvin
(c) Frusemide (d) a & b

122. Two of five membered lactone ring present at C-17 of the digitalis glycosides respond positively to

- (a) Borntrager's test (b) Kellerkillan test
(c) Libermann's test (d) Zimmermann test

123. Halphen's test is used for

- (a) Detection of cotton seed oil as an adulterant
(b) Detection of artificial invert sugar
(c) Saponins
(d) Tannins

124. Stratified cork is characteristic of

- (a) Ergot (b) Senna
(c) Cinchona (d) Rauwolfia

125. Precursor for Ethacrynic Acid is

- (a) 2,4-dichlorophenoxyacetic acid
(b) 2,3-dichlorophenoxyacetic acid
(c) 3,4-dichlorophenoxyacetic acid
(d) 2,5-dichlorophenoxyacetic acid

ANSWERKEYS

1.(c)	2.(c)	3.(d)	4.(b)	5.(a)	6.(b)	7.(a)	8.(c)	9.(c)	10.(b)
11.(b)	12.(b)	13.(b)	14.(a)	15.(a)	16.(c)	17.(c)	18.(c)	19.(b)	20.(b)
21.(c)	22.(c)	23.(b)	24.(b)	25.(a)	26.(a)	27.(b)	28.(c)	29.(b)	30.(a)
31.(b)	32.(d)	33.(d)	34.(d)	35.(c)	36.(b)	37.(d)	38.(d)	39.(d)	40.(b)
41.(c)	42.(b)	43.(c)	44.(a)	45.(c)	46.(b)	47.(a)	48.(c)	49.(d)	50.(c)
51.(a)	52.(c)	53.(c)	54.(a)	55.(b)	56.(b)	57.(c)	58.(c)	59.(a)	60.(c)
61.(d)	62.(b)	63.(c)	64.(d)	65.(d)	66.(d)	67.(d)	68.(c)	69.(c)	70.(d)
71.(c)	72.(b)	73.(a)	74.(c)	75.(b)	76.(d)	77.(c)	78.(b)	79.(a)	80.(a)
81.(d)	82.(a)	83.(b)	84.(c)	85.(a)	86.(d)	87.(a)	88.(b)	89.(a)	90.(c)
91.(b)	92.(a)	93.(c)	94.(a)	95.(c)	96.(d)	97.(c)	98.(b)	99.(a)	100.(c)
101.(c)	102.(c)	103.(b)	104.(c)	105.(d)	106.(c)	107.(a)	108.(d)	109.(b)	110.(b)
111.(b)	112.(d)	113.(a)	114.(d)	115.(a)	116.(c)	117.(b)	118.(a)	119.(b)	120.(c)
121.(d)	122.(b)	123.(a)	124.(d)	125.(b)					



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5.2.3.1 Students Qualifying in Competitive Exams for the AY 2023-2024

PGECET QUALIFIED STUDENTS LIST - 2024				
S.No	HALL TICKET NO.	STUDENT NAME	PGECET HALL TICKET NO.	PGECET RANK
1	20ED1R0016	DARAM VAISHNAVI	9401180064	360
2	20ED1R0022	GANDHAM BHAVANA	9404180054	564
3	20ED1R0048	POTHEM OMPRASAD	9402180295	596
4	20ED1R0057	SANDIRI VIVEK VARDHAN	9402180129	599
5	20ED1R0011	BOLINENI SNEHA	9401180242	819
6	20ED1R0006	AVULA SAMYUKTHA	9401180173	1048
7	20ED1R0097	NERELLA JYOSHNA	9403180096	1404
8	20ED1R0031	KODEPE SAI NIHARIKA	9402180134	1405
9	20ED1R0029	KANNURI SAHITHI	9406180022	1575
10	20ED1R0010	BOGA SRIJA	9401180197	1628
11	20ED1R0019	EDABOINA PRAVEEN	9404180153	1628
12	20ED1R0052	PURELLA SOUMYA	9406180293	1673
13	20ED1R0002	AITHU PUNYASRI	9403180080	1837
14	20ED1R0058	SHANTHALA SINDHU	9403180109	1913
15	20ED1R0066	SADA NAAZ	9403180083	2004
16	20ED1R0037	MADDISETTI PUJITHA	9401180170	2142
17	20ED1R0005	APPALA NAVYA	9401180136	2348
18	20ED1R0026	GOPAMOLA KARTHIK	9401180028	2535
19	20ED1R0017	DOULATHBAJI BINDU BHAVANI	9405180035	2539
20	20ED1R0055	RASAMALLA NAVYA	9401180043	2678
21	20ED1R0008	BANOTH ANUPAMA	9404180083	2740



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S.No	HALL TICKET NO.	STUDENT NAME	PGETET HALL TICKET NO.	PGETET RANK
22	20ED1R0021	GANDHAM ASHWINI	9401180149	3066
23	20ED1R0033	KONDAGURLA DEEKSHA	9404180136	3112
24	20ED1R0044	PALLE ANJALI	9401180210	3244
25	20ED1R0065	NEHA PARVEEN	9403180123	3264
26	20ED1R0036	MADASI HEMANTH CHANDRA VARMA	9401180236	3423
27	20ED1R0015	DANDRA NIVEDITHA	9401180226	3469
28	20ED1R0040	MIRALA POOJITHA	9401180088	3500
29	20ED1R0053	PUSULURI TEJA SREE	9403180081	3629
30	20ED1R0035	KOTHA MALLIKA	9402180091	3770
31	20ED1R0047	PORIKA PRAVALIKA	9401180100	3798
32	19ED1R0019	MEDA AISHWARYA	9401180243	3923
33	20ED1R0051	PULINTI YASHWANTH	9402180170	3925
34	20ED1R0024	GOKARI MAHESH	9406180081	4002
35	20ED1R0068	BAIKANI RAKESH	9402180336	4067
36	20ED1R0060	SHIROORI GOUTHAM	9402180050	4109
37	20ED1R0004	ALLI LIKHITHA	9401480070	4127
38	20ED1R0003	AKULAPELLY THRISHA	9402180321	4381
39	20ED1R0007	BANDARI RAJESHWARI	9401180194	4710
40	20ED1R0061	VADDE SRAVANTHI	9401180196	4986
41	20ED1R0018	DUBBA AKSHITHA	9401180146	5387
42	20ED1R0027	GULOTHU AKHILA	9403180139	5772



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S.No	HALL TICKET NO.	STUDENT NAME	PGECET HALL TICKET NO.	PGECET RANK
43	20ED1R0062	DEMULA SAI KUMAR	9403180052	5785
44	20ED1R0059	SHIREESHA MULKALA	9401180112	5856
45	20ED1R0043	ODNALA ANIL KUMAR	9407180137	5917
46	20ED1R0064	MOHAMMAD NABILA	9401180145	5976
47	20ED1R0012	BORAGANI RASHMITHA	9405180002	5986
48	20ED1R0025	GONE SUDHEEKSHA	9402180041	5999
49	20ED1R0049	PRATHAPAGIRI JAYASRI	9401180029	6053
50	20ED1R0038	MAGGIDI NAVEENA	9402180068	6080
51	20ED1R0063	VOLLALA TEJA	9401180232	6331
52	20ED1R0039	MARAPAKA KAVYASRI	9402180294	6763

LIST OF STUDENTS QUALIFIED IN INTERNATIONAL ADMISSION TEST

S.NO	Name of the Student	Hall Ticket. No (as per JNTUH)	Name of the Test	CEFR Level/Test Score - Percentile
1	Bolineni Sneha	20ED1R0011	duolingo	120
2	Bolineni Sneha	20ED1R0011	GRE	Verbal Reasoning- 161/170 Quantitative Reasoning-170/170 Analytical Writing- 2.5/6.0




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Test Paper Code and Name

PY-PHARMACY

Hall Ticket No. : 9406180063

Candidate's Name : ADAMA RAKESH

Father's Name : ADAMA KATTAMALLU

Community : BC_D

Date of Birth : 09/12/2002



A. Rakesh

Marks Obtained	40	Percentile	44.6331
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Result	QUALIFIED
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Rank in Words	Three * Nine * Four * Six	Rank in Figure	3946
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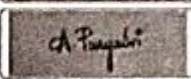





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Test Paper Code and Name		FY-PHARMACY	
Hall Ticket No.	: 9403180080	 	
Candidate's Name	: AYTHU PUNYASRI		
Father's Name	: AYTHU SATHYANARAYANA		
Community	: OC		
Date of Birth	: 29/01/2002		
Marks Obtained	46	Percentile	74.2248
Result	QUALIFIED		
Rank in Words	One * Eight * Three * Seven	Rank in Figure	1837
			
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Test Paper Code and Name

PY-PHARMACY

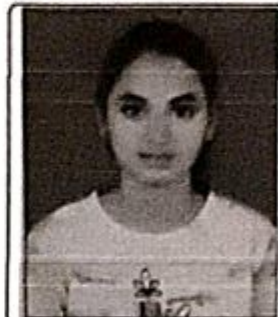
Hall Ticket No. : 9402180321

Candidate's Name : AKULAPELLY THRISHA

Father's Name : AKULAPELLY HARIBABU

Community : SC

Date of Birth : 21/12/2003



A. Thrisha

Marks Obtained

39

Percentile

38.5295

Result

QUALIFIED

Rank in Words

Four * Three * Eight * One

Rank in Figure

4381








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Test Paper Code and Name		PY-PHARMACY	
Hall Ticket No.	: 9404180070	 	
Candidate's Name	: ALLI LIKHITHA		
Father's Name	: ALLI KUMARASWAMY		
Community	: HC_B		
Date of Birth	: 12/08/2001		
Marks Obtained	39	Percentile	42.0934
Result		QUALIFIED	
Rank in Words	Four * One * Two * Seven	Rank in Figure	4127
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Test Paper Code and Name

PY-PHARMACY

Hall Ticket No. : 9401180173

Candidate's Name : AVULA SAMYUKTHA

Father's Name : AVULA RAJANNA

Community : BC_D

Date of Birth : 04/03/2002



A Somyuktha

Marks Obtained

50

Percentile

85.2954

Result

QUALIFIED

Rank in Words

One * Zero * Four * Eight

Rank in Figure

1048



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PY-PHARMACY

Test Paper Code and Name

Hall Ticket No. : 9401180194

Candidate's Name : BANDARI RAJESHWARI

Father's Name : BANDARI SOMANNA

Community : BC_D

Date of Birth : 20/07/2003



B. Raju

Marks Obtained

38

Percentile

33.9133

Result

QUALIFIED

Rank in Words

Four * Seven * One * Zero

Rank in Figure

4710



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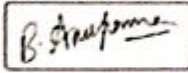





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8

Test Paper Code and Name		PY-PHARMACY	
Hall Ticket No.	: 9404180083	 	
Candidate's Name	: BANOTH ANUPAMA		
Father's Name	: BANOTH KRISHNA		
Community	: ST		
Date of Birth	: 23/09/2001		
Marks Obtained	43	Percentile	61.5547
Result		QUALIFIED	
Rank in Words	Two * Seven * Four * Zero	Rank in Figure	2740
			
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Test Paper Code and Name

PY-PHARMACY

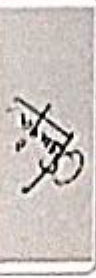
Hall Ticket No. : 9401180197

Candidate's Name : BOGA SRIJA

Father's Name : BOGA GOVIND

Community : BC_B

Date of Birth : 03/12/2002



Marks Obtained

47

Percentile

76.3996

Result

QUALIFIED

Rank in Words

One * Six * Eight * Two

Rank in Figure

1682



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Test Paper Code and Name

PY-PHARMACY

Hall Ticket No. : 9401180136

Candidate's Name : APPALA NAVYA

Father's Name : APPALA SRISHAILAM

Community : BC_D

Date of Birth : 07/01/2001



Appala Navya

Marks Obtained

44

Percentile

67.0549

Result

QUALIFIED

Rank in Words

Two * Three * Four * Eight

Rank in Figure

2348








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Telangana Post Graduate Engineering Common Entrance Test Conducted by JNTU Hyderabad on behalf of TSCHE			
Test Paper Code and Name		PY PHARMACY	
Hall Ticket No.	: 9401180242		
Candidate's Name	: BOLINENI SNEHA		
Father's Name	: BOLINENI RAVINDER KAO		
Community	: OC		
Date of Birth	: 06/08/2002		
Marks Obtained	52	Percentile	88.5085
Result	QUALIFIED		
Rank in Words	Eight * One * Nine	Rank in Figure	819
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Telangana Post Graduate Engineering Common Entrance Test Conducted by JNTU Hyderabad on behalf of TGCE			
Test Paper Code and Name		PY-PHARMACY	
Hall Ticket No.	: 9405180002	  	
Candidate's Name	: BORAGANI RASHMITHA		
Father's Name	: BORAGANI BAPU RAO		
Community	: BC_B		
Date of Birth	: 16/07/2003		
Marks Obtained	34	Percentile	16.0095
Result		QUALIFIED	
Rank in Words	Five * Nine * Eight * Six	Rank in Figure	5986
			
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Test Paper Code and Name PY-PHARMACY

Hall Ticket No. : 9401180064

Candidate's Name : DARAM VAISHNAVI

Father's Name : DARAM GOVARDHAN

Community : OC

Date of Birth : 11/07/2003




Marks Obtained	58	Percentile	94.9488
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Result QUALIFIED

Rank in Words	Three * Six * Zero	Rank in Figure	360
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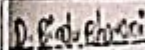



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TG PGCET-2024			
Telangana Post Graduate Engineering Common Entrance Test Conducted by NTU Hyderabad on behalf of TGCE			
Test Paper Code and Name		PT-PHARMACY	
Hall Ticket No.	: 9405180035	 	
Candidate's Name	: DOULATHI RAJI BINDU BHAVANI		
Father's Name	: KISHAN RAO		
Community	: BC_D		
Date of Birth	: 01/11/2002		
Marks Obtained	44	Percentile	64.3749
Result	QUALIFIED		
Rank in Words	Two * Five * Three * Nine	Rank in Figure	2539
			
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Test Paper Code and Name

PY-PHARMACY

Hall Ticket No. : 9401180146

Candidate's Name : DUBBA AKSHITHA

Father's Name : DUBBA RAVINDER

Community : SC

Date of Birth : 10/08/2003



Marks Obtained	36	Percentile	24.4142
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Result	QUALIFIED
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Rank in Words	Five * Three * Eight * Seven	Rank in Figure	5387
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Test Paper Code and Name

PY-PHARMACY

Hall Ticket No. : 9404180153

Candidate's Name : EDABOINA PRAVEEN

Father's Name : EDABOINA RAVI

Community : BC_D

Date of Birth : 25/05/2002



Praveen

Marks Obtained

47

Percentile

77.1573

Result

QUALIFIED

Rank in Words

One * Six * Two * Eight

Rank in Figure

1628



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Test Paper Code and Name PY-PHARMACY

Hall Ticket No. : 9401180149

Candidate's Name : GANDHAM ASHWINI

Father's Name : SAIDULU

Community : SC

Date of Birth : 03/04/2001



G. Ashwini

Marks Obtained	42	Percentile	56.9805
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Result QUALIFIED

Rank in Words	Three * Zero * Six * Six	Rank in Figure	3066
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Mmd

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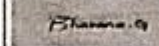



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Test Paper Code and Name		FY-PHARMACY	
Hall Ticket No.	: 9404180054	 	
Candidate's Name	: GANDHAM BHAVANA		
Father's Name	: GANDHAM PURUSHOTHAM		
Community	: SC		
Date of Birth	: 27/04/2003		
Marks Obtained	55	Percentile	92.0864
Result	QUALIFIED		
Rank in Words	Five * Six * Four	Rank in Figure	564
			
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English

Telugu





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Test Paper Code and Name

PY-PHARMACY

Hall Ticket No. : 9406180081
Candidate's Name : GOKARI MAHESH
Father's Name : GOKARI NAGASHESHANNA
Community : BC_A
Date of Birth : 22/07/2003



G. Mahesh

Marks Obtained	40	Percentile	43.8473
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Result **QUALIFIED**

Rank in Words	Four * Zero * Zero * Two	Rank in Figure	4002
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22



TG PGECET-2024

Telangana Post Graduate Engineering Common Entrance Test
Conducted by JNTU Hyderabad on behalf of TGCHE



Test Paper Code and Name	PY-PHARMACY
---------------------------------	--------------------

Hall Ticket No. : 9402180041
 Candidate's Name : GONE SUDHEEKSHA
 Father's Name : GONE ASHOK KUMAR
 Community : BC_B
 Date of Birth : 10/09/2003



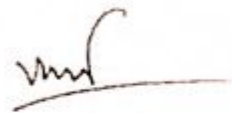
G. Sudheeksha

Marks Obtained	34	Percentile	15.8271
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Result	QUALIFIED
---------------	------------------


Rank in Words	Five * Nine * Nine * Nine	Rank in Figure	5999
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Test Paper Code and Name

PY-PHARMACY

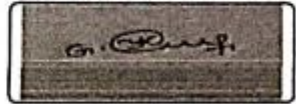
Hall Ticket No. : 9401180028

Candidate's Name : GOPAMOLA KARTHIK

Father's Name : GOPAMOLA PRASAD

Community : BC_D

Date of Birth : 19/10/2002



Marks Obtained

44

Percentile

64.4310

Result

QUALIFIED

Rank in Words

Two * Five * Three * Five

Rank in Figure

2535



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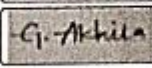




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27

TG PGCET-2024			
Telangana Post Graduate Engineering Common Entrance Test Conducted by JNTU Hyderabad on behalf of TQCH			
Test Paper Code and Name		PY-PHARMACY	
Hall Ticket No.	: 9403180139	 	
Candidate's Name	: GUGULOTH AKHILA		
Father's Name	: GUGULOTH SRINU		
Community	: ST		
Date of Birth	: 15/05/2001		
Marks Obtained	34	Percentile	19.0122
Result		QUALIFIED	
Rank in Words	Five * Seven * Seven * Two	Rank in Figure	5772
			
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Test Paper Code and Name

PY-PHARMACY

Hall Ticket No. : 9406180022

Candidate's Name : KANNURI SAHITHI

Father's Name : KANNURI SRINIVAS

Community : BC_B

Date of Birth : 11/07/2001



K Kannuri

Marks Obtained

47

Percentile

77.9009

Result

QUALIFIED

Rank in Words

One * Five * Seven * Five

Rank in Figure

1575



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Test Paper Code and Name

PY-PHARMACY

Hall Ticket No. : 9403180163

Candidate's Name : KANUKUNTLA KEERTHI PRIYA

Father's Name : KANUKUNTLA RAJESHAM

Community : SC

Date of Birth : 11/09/2002



Marks Obtained

40

Percentile

45.1382

Result

QUALIFIED

Rank in Words

Three * Nine * One * Zero

Rank in Figure

3910



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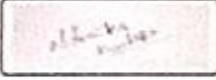



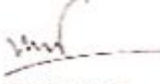


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31

Test Paper Code and Name		PY-PHARMACY	
Hall Ticket No.	: 9402180134	 	
Candidate's Name	: KODEPE SAI NIHARIKA		
Father's Name	: KODEPE BHEEMAIAH		
Community	: BC_A		
Date of Birth	: 08/03/2002		
Marks Obtained	48	Percentile	80.2862
Result	QUALIFIED		
Rank in Words	One * Four * Zero * Five	Rank in Figure	1405
		 CONVENER TG PGECET-2024	

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Test Paper Code and Name

FY-PHARMACY

Hall Ticket No. : 9402180362

Candidate's Name : KONAKANCHI BILAVYA

Father's Name : KONAKANCHI SWAMIDAS

Community : SC

Date of Birth : 09/11/2002



K. Bilavya

Marks Obtained	38	Percentile	34.9656
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Result	QUALIFIED
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Rank in Words	Four * Six * Three * Five	Rank in Figure	4635
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Test Paper Code and Name		FY-PHARMACY	
Hall Ticket No.	: 9404180136	  	
Candidate's Name	: KONDAGURLA DEEKSHA		
Father's Name	: KONDAGURLA GURUDAS		
Community	: SC		
Date of Birth	: 09/01/2002		
Marks Obtained	42	Percentile	56.3351
Result		QUALIFIED	
Rank in Words	Three * One * One * Two	Rank in Figure	3112
			
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Conducted by JNTU Hyderabad on behalf of TGCHCE



Test Paper Code and Name

PY-PHARMACY

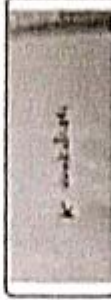
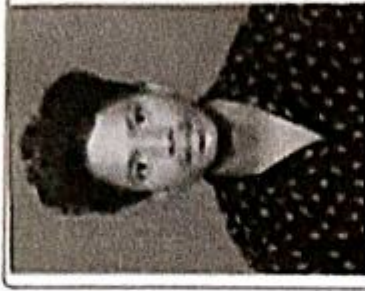
Hall Ticket No. : 9401180052

Candidate's Name : KORE VENKATESH

Father's Name : KORE MALLAIAH

Community : BC_B

Date of Birth : 20/10/2001



Marks Obtained

42

Percentile

56.5175

Result

QUALIFIED

Rank in Words

Three * Zero * Nine * Nine

Rank in Figure

3099



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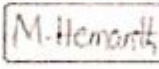



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TG PGE CET-2024			
Telangana Post Graduate Engineering Common Entrance Test Conducted by JNTU Hyderabad on behalf of TGCE			
Test Paper Code and Name		PY-PHARMACY	
Hall Ticket No.	: 9402180091	   K. Mallika	
Candidate's Name	: KOTHA MALLIKA		
Father's Name	: KOTHA JAYAPAL REDDY		
Community	: OC		
Date of Birth	: 11/10/2001		
Marks Obtained	40	Percentile	47.1026
Result		QUALIFIED	
Rank in Words	Three * Seven * Seven * Zero	Rank in Figure	3770
		  CONVENER TG PGE CET-2024	

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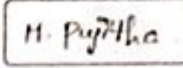



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TG PGE CET-2024			
 Talangana Post Graduate Engineering Common Entrance Test Conducted by JNTU Hyderabad on behalf of TGCE			
Test Paper Code and Name		PY-PHARMACY	
Hall Ticket No.	: 9401180236	 	
Candidate's Name	: MADASI HEMANTH CHANDRA VARMA		
Father's Name	: MADASI KUMARASWAMY		
Community	: SC		
Date of Birth	: 11/10/2001		
Marks Obtained	41	Percentile	51.9714
Result		QUALIFIED	
Rank in Words	Three * Four * Two * Three	Rank in Figure	3423
			
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Test Paper Code and Name		PY-PHARMACY	
Hall Ticket No.	: 9401180170	  	
Candidate's Name	: MADDISETTI PUJITHA		
Father's Name	: MADDISETTI RAVI		
Community	: BC_A		
Date of Birth	: 08/03/2002		
Marks Obtained	45	Percentile	69.9453
Result	QUALIFIED		
Rank in Words	Two * One * Four * Two	Rank in Figure	2142
			
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Telangana Post Graduate Engineering Common Entrance Test
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Test Paper Code and Name

PY-PHARMACY

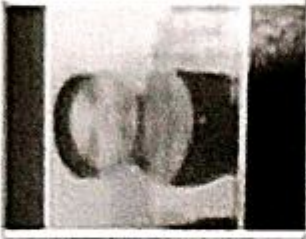
Hall Ticket No. : 9402180068

Candidate's Name : MAGGIDI NAVEENA

Father's Name : MAGGIDI RAJAMALLU

Community : SC

Date of Birth : 25/08/2001



Marks Obtained	33	Percentile	14.6906
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Result	QUALIFIED
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Rank in Words	Six * Zero * Eight * Zero	Rank in Figure	6080
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Telangana Post Graduate Engineering Common Entrance Test
Conducted by JNTU Hyderabad on behalf of TGCHE



Test Paper Code and Name

PY-PHARMACY

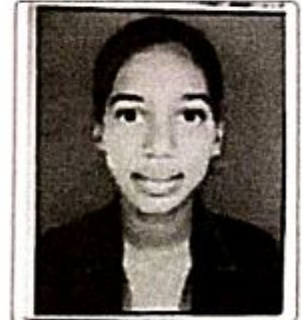
Hall Ticket No. : 9402180294

Candidate's Name : MARAPAKA KAVYA SRI

Father's Name : MARAPAKA SRINIVAS

Community : SC

Date of Birth : 08/09/2003



M. Kavyasi

Marks Obtained

30

Percentile

5.1073

Result

QUALIFIED

Rank in Words

Six * Seven * Six * Three

Rank in Figure

6763



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Test Paper Code and Name

PY-PHARMACY

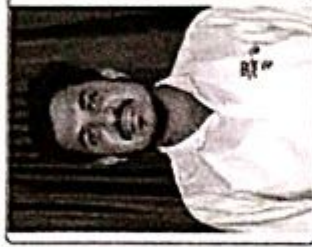
Hall Ticket No. : 9407180137

Candidate's Name : ODNALA ANIL KUMAR

Father's Name : ODNALA BAPU

Community : BC_D

Date of Birth : 19/09/2002



O. Anil Kumar

Marks Obtained	34	Percentile	16.9777
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Result QUALIFIED

Rank in Words	Five * Nine * One * Seven	Rank in Figure	5917
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44

TG PGCET-2024			
Telangana Post Graduate Engineering Common Entrance Test Conducted by JNTU Hyderabad on behalf of TSCHE			
Test Paper Code and Name		PY PHARMACY	
Hall Ticket No.	: 9401180210	 P. Anjali	
Candidate's Name	: PALLE ANJALI		
Father's Name	: PALLE THIRUPATHI REDDY		
Community	: OC		
Date of Birth	: 17/12/2002		
Marks Obtained	42	Percentile	54.4830
Result	QUALIFIED		
Rank in Words	Three * Two * Four * Four	Rank in Figure	3244
			
 CONVENER TG PGCET-2024			

Print



Anjali





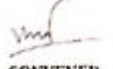
Vaagdevi Pharmacy College
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Rank Car...
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47




TG PGCET-2024			
 Telangana Post Graduate Engineering Common Entrance Test Conducted by JNTU Hyderabad on behalf of TGCE			
Test Paper Code and Name		PY-PHARMACY	
Hall Ticket No.	: 9401180100	 P Pravalika	
Candidate's Name	: PORIKA PRAVALIKA		
Father's Name	: PORIKA BALU NAYAK		
Community	: ST		
Date of Birth	: 12/01/2002		
Marks Obtained	40	Percentile	46.7097
Result		QUALIFIED	
Rank in Words	Three * Seven * Nine * Eight	Rank in Figure	3798
			
		 CONVENER TG PGCET-2024	


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Telangana Post Graduate Engineering Common Entrance Test
Conducted by JNTU Hyderabad on behalf of JECHE

Test Paper Code and Name		PV PHARMACY	
Hall Ticket No.	: 9402180295	 	
Candidate's Name	: POTHEN OMPRASAD		
Father's Name	: POTHEN RAMESH		
Community	: BC_D		
Date of Birth	: 16/12/2001		
Marks Obtained	51	Percentile	91.6374
Result		QUALIFIED	
Rank in Words	Five * Nine * Six	Rank in Figure	596






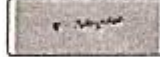






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TG PGCET-2024			
 Telangana Post Graduate Engineering Common Entrance Test Conducted by JNTU Hyderabad on behalf of TGCHE 			
Test Paper Code and Name		PY-PHARMACY	
Hall Ticket No.	: 9401180029	 	
Candidate's Name	: PRATHAPAGIRI JAYASHRI		
Father's Name	: PRATHAPAGIRI GANAPATHI		
Community	: BC_A		
Date of Birth	: 15/01/2001		
Marks Obtained	33	Percentile	15.0695
Result		QUALIFIED	
Rank in Words	Six * Zero * Five * Three	Rank in Figure	6053
 		 CONVENER TG PGCET-2024	

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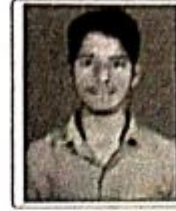
Telangana Post Graduate Engineering Common Entrance Test
Conducted by INTLI Hyderabad on behalf of TGCEH



51

Test Paper Code and Name	PY PHARMACY
---------------------------------	--------------------

Hall Ticket No. : 9402180170
 Candidate's Name : PULINTI YASHWANTHI
 Father's Name : PULINTI SHYAM
 Community : SC
 Date of Birth : 28/10/2002



Marks Obtained	40	Percentile	44.9277
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Result	QUALIFIED
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Rank in Words	Three * Nine * Two * Five	Rank in Figure	3925
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52

TG PGCET-2024			
Telangana Post Graduate Engineering Common Entrance Test Conducted by JNTU Hyderabad on behalf of TSCHE			
Test Paper Code and Name		PY-PHARMACY	
Hall Ticket No.	: 9406180293	 	
Candidate's Name	: PURELLA SOUMYA		
Father's Name	: PURELLA RAVINDER		
Community	: BC_R		
Date of Birth	: 25/10/2002		
Marks Obtained	47	Percentile	76.5259
Result		QUALIFIED	
Rank in Words	One * Six * Seven * Three	Rank in Figure	1673
			
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Telangana Post Graduate Engineering Common Entrance Test
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53

Test Paper Code and Name

PY-PHARMACY

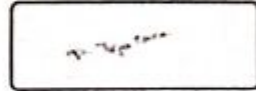
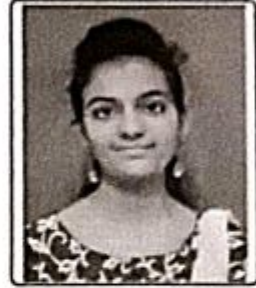
Hall Ticket No. : 9403180081

Candidate's Name : PUSULURI TEJA SREE

Father's Name : PUSULURI SHYAM SUNDER RAO

Community : OC

Date of Birth : 05/08/2003



Marks Obtained

41

Percentile

49.0810

Result

QUALIFIED

Rank in Words

Three * Six * Two * Nine

Rank in Figure

3629



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Test Paper Code and Name

PV-PHARMACY

Hall Ticket No. : 9401180043

Candidate's Name : RASAMALLA NAVYA

Father's Name : RASAMALLA MAHENDER

Community : BC_A

Date of Birth : 09/09/2000



K. Navya

Marks Obtained

43

Percentile

62.4246

Result

QUALIFIED

Rank in Words

Two * Six * Seven * Eight

Rank in Figure

2678



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Test Paper Code and Name

PY-PHARMACY

Hall Ticket No. : 9402180129

Candidate's Name : SANDIRI VIVEKVARDHAN

Father's Name : SANDIRI SIVA KUMAR

Community : BC_A

Date of Birth : 30/01/2002



Sandiri

Marks Obtained

54

Percentile

91.5953

Result

QUALIFIED

Rank in Words

Five * Nine * Nine

Rank in Figure

599



Vandana

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Sandiri

Vandana, Manager, 506005
Prakash

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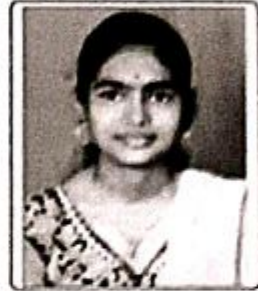
Telangana Post Graduate Engineering Common Entrance Test
Conducted by JNTU Hyderabad on behalf of TGCHET



58

Test Paper Code and Name	PY-PHARMACY
---------------------------------	--------------------

Hall Ticket No. : 9403180109
 Candidate's Name : SHANTHALA SINDHU
 Father's Name : SHANTHALA BABU
 Community : BC_A
 Date of Birth : 02/09/2002



S. Sindhu

Marks Obtained	46	Percentile	73.1584
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Result	QUALIFIED
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Rank in Words	One * Nine * One * Three	Rank in Figure	1913
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60

:: Rank Card ::

Test Paper Code and Name		PY-PHARMACY	
Hall Ticket No.	: 9402180050	 	
Candidate's Name	: SHIROORI GOUTHAM		
Father's Name	: SHIROORI SRINIVAS		
Community	: BC_D		
Date of Birth	: 15/05/2001		
Marks Obtained	39	Percentile	42.3460
Result	QUALIFIED		
Rank in Words	Four * One * Zero * Nine	Rank in Figure	4109
			
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Telangana Post Graduate Engineering Common Entrance Test
Conducted by JNTU Hyderabad on behalf of TG CHE



Test Paper Code and Name

PY-PHARMACY

Hall Ticket No. : 9401180196

Candidate's Name : VADDE SRAVANTHI

Father's Name : VADDE KUMARA SWAMY

Community : BC_B

Date of Birth : 30/10/2002



Sravanthi

Marks Obtained

37

Percentile

30.0407

Result

QUALIFIED

Rank in Words

Four * Nine * Eight * Six

Rank in Figure

4986



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Test Paper Code and Name

FY-PHARMACY

Hall Ticket No. : 9403180052

Candidate's Name : VEMULA SAINUMAR

Father's Name : VEMULA VENU

Community : BC_B

Date of Birth : 20/07/2001



V. Sainumar

Marks Obtained

34

Percentile

18.8298

Result

QUALIFIED

Rank in Words

Five * Seven * Eight * Five

Rank in Figure

5785



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TG PGECET-2024



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Vagdevi Pharmacy College
Practical Pharmacy Coll-2

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63

Test Paper Code and Name		PY-PHARMACY	
Hall Ticket No.	: 9401180232	 <i>V. Teja</i>	
Candidate's Name	: VOLLALA TEJA		
Father's Name	: VOLLALA MALLESAM		
Community	: BC_B		
Date of Birth	: 29/11/2001		
Marks Obtained	32	Percentile	11.1688
Result	QUALIFIED		
Rank in Words	Six * Three * Three * One	Rank in Figure	6331
			
		 CONVENER TG PGCET-2024	

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TG PGCET-2024			
Telangana Post Graduate Engineering Common Entrance Test Conducted by JNTU Hyderabad on behalf of TSCHE			
Test Paper Code and Name		PY-PHARMACY	
Hall Ticket No.	: 9401180145		
Candidate's Name	: MD NABILA		
Father's Name	: MD NAZLERUDDIN		
Community	: BC_E		
Date of Birth	: 07/06/2003		
Marks Obtained	34	Percentile	16.1499
Result		QUALIFIED	
Rank in Words	Five * Nine * Seven * Six	Rank in Figure	5976
			
 CONVENER TG PGCET-2024			

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Input to search



3



65

Test Paper Code and Name		PY-PHARMACY	
Hall Ticket No.	: 9403180123	 neha parveen	
Candidate's Name	: NEHA PARVEEN		
Father's Name	: MOHAMMAD JANI		
Community	: BC_E		
Date of Birth	: 11/02/2003		
Marks Obtained	42	Percentile	54.2023
Result	QUALIFIED		
Rank in Words	Three * Two * Six * Four	Rank in Figure	3264
			
 CONVENER TG PGCET-2024			


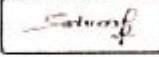


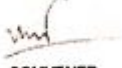
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TG PGCET-2024			
Telangana Post Graduate Engineering Common Entrance Test Conducted by JNTU Hyderabad on behalf of IECHE			
Test Paper Code and Name		PY PHARMACY	
Hall Ticket No.	: 9403180083	 	
Candidate's Name	: SADANAAZ		
Father's Name	: MD.JAFFER		
Community	: BC_E		
Date of Birth	: 09/07/2003		
Marks Obtained	46	Percentile	71.8816
Result		QUALIFIED	
Rank in Words	Two * Zero * Zero * Four	Rank in Figure	2004
			
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TG PGCET-2024

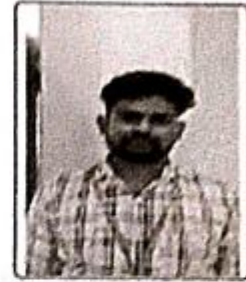
Telangana Post Graduate Engineering Common Entrance Test
Conducted by JNTU Hyderabad on behalf of TGCE



Test Paper Code and Name

PY-PHARMACY

Hall Ticket No. : 9402180336
Candidate's Name : BAIKANI RAKESH
Father's Name : BAIKANI RAJU
Community : BC_D
Date of Birth : 02/07/2000



B. Rakesh

Marks Obtained

39

Percentile

42.9353

Result

QUALIFIED

Rank in Words

Four * Zero * Six * Seven

Rank in Figure

4067


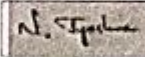






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TG PGCET-2024			
Telangana Post Graduate Engineering Common Entrance Test Conducted by JNTU Hyderabad on behalf of TSCE			
Test Paper Code and Name		PY-PHARMACY	
Hall Ticket No.	: 9403180096	 	
Candidate's Name	: NERELLA JYOSHNA		
Father's Name	: NERELLA PRASAD		
Community	: HC_B		
Date of Birth	: 02/03/2002		
Marks Obtained	48	Percentile	80.3003
Result		QUALIFIED	
Rank in Words	One * Four * Zero * Four	Rank in Figure	1404
			
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[Handwritten Signature]



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Bolineni, Sneha


Date of birth: August 6, 2002

Test taken: September 14, 2024

Certificate ID: e9y99i310n47ffwp

Link: certs.duolingo.com/e9y99i310n47ffwp

Overall Score



120

10 160

Upper Intermediate: CEFR B2

- Can understand concepts of complex text on concrete and abstract topics, including technical discussions in areas of expertise.
- Can interact with a degree of fluency and spontaneity that makes regular interaction effortless.
- Can produce clear, detailed texts on various topics of interest, synthesizing and evaluating source material.

Individual Subscores

SPEAKING 110	WRITING 110	READING 150	LISTENING 110
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Integrated Subscores

PRODUCTION 110 <small>Ability to speak and write</small>	LITERACY 130 <small>Ability to write and read</small>	COMPREHENSION 130 <small>Ability to read and listen</small>	CONVERSATION 110 <small>Ability to listen and speak</small>
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All scores are on a scale of 10-160. Learn more about scores at englishtest.duolingo.com/scores




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Sneha Bolineni

Address: H. NO 1-85, Dhamareem Jammikunta, Karimnagar, 505122 India

Email: bolinenisneha2@gmail.com

Phone: 91-7780193114

Date of Birth: August 6, 2002

Gender: Female

Intended Graduate Major: Undecided (0000)

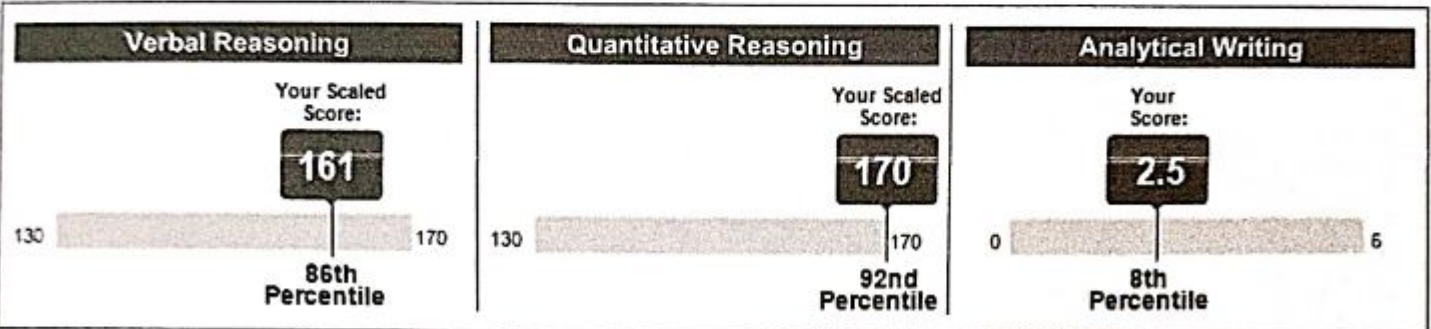

Most Recent Test Date: September 12, 2024

Test Center Country: India

Test Center: STNRPIND - Home Edition

Registration Number: 3027984

Print Date: September 21, 2024

Your Scores for the General Test Taken on September 12, 2024

Your Test Score History
General Test Scores

Test Date	Verbal Reasoning		Quantitative Reasoning		Analytical Writing	
	Scaled Score	Percentile	Scaled Score	Percentile	Score	Percentile
September 12, 2024	161	86	170	92	2.5	8

Subject Test Scores

You do not have reportable test scores at this time.

Your Score Recipient(s)
Undergraduate Institution

Report Date	Institution (Code)	Department (Code)	Test Title	Test Date
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Sneha Bollnani

Most Recent Test Date: September 12, 2024

Date of Birth: August 6, 2002

Registration Number: 3027084
Print Date: September 21, 2024

Designated Score Recipient(s)

Report Date	Score Recipient (Code)	Department (Code)	Test Title	Test Date
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About Your GRE® Score Report

Score Reporting Policies

With the ScoreSelect® option, you can decide which test scores to send to the institutions you designate. There are three options to choose from:

- Most Recent option – Send your scores from your most recent test administration
- All option – Send your scores from all administrations in the last five years
- Any option – Send your scores from one OR as many test administrations in the last five years (this option is not available on test day when you select up to four FREE score reports)

Scores for a test administration must be reported in their entirety. Institutions will receive score reports that show only the scores that you selected to send to them. There will be no special indication if you have taken additional GRE tests. See the GRE® Information Bulletin for details. The policies and procedures explained in the Bulletin for the current testing year supersede previous policies and procedures in previous bulletins.

If your scores are not available for any reason, you will see "Not Available" in Your Test Score History.

GRE test scores are reportable for five (5) years following your test date. For example, scores for a test taken on July 3, 2021, are reportable through July 2, 2026. Note: Score recipients will only receive scores from test administrations that you have selected to send to them.

Beginning in September 2023, the subscores on the Physics and Psychology Tests will be reported as percent correct scores (i.e., the percentage of questions in a subscore area answered correctly). Subscores earned after September 2023 should not be compared with scaled subscores earned prior to September 2023.

Percentile Rank (% Below)

A percentile rank for a test score indicates the percentage of test takers who took that test and received a lower score. Regardless of when the reported scores were earned, the percentile ranks for General Test and Subject Test scores are based on the scores of all test takers who tested within the most recent three-year period.

Free GRE Diagnostic Service

For detailed information about your performance on the Verbal Reasoning and Quantitative Reasoning sections of the computer-delivered GRE General Test, access the free GRE Diagnostic Service from your ETS account. This service includes a description of the types of questions you answered right and wrong, the difficulty level of each question, and the time spent on each question. This service is available approximately 15 days after your test administration and for six months following your test administration.

Retaking a GRE Test

You can take the GRE General Test once every 21 days, up to five times within any continuous rolling 12-month period (365 days). This applies even if you canceled your scores on a test taken previously. You can retake a GRE Subject Test once every 14 days.

Note: This policy will be enforced even if a violation is not immediately identified (e.g., inconsistent registration information) and test scores have been reported. In such cases, the invalid scores will be canceled and score recipients will be notified of the cancellation. Test fees will be forfeited.



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Sneha Bollneni

Most Recent Test Date: September 12, 2024

Date of Birth: August 6, 2002

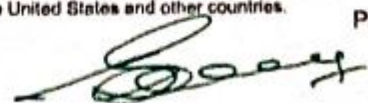
Registration Number: 3027984

Print Date: September 21, 2024

For More Information

For information about interpreting your scores, see <https://www.ets.org/gre/test-takers/general-test/scores/understand-scores.html>.

If you have any questions concerning your score report, email GRE Services at gre-info@ets.org or call 1-609-771-7670 or 1-866-473-4373 (toll free for test takers in the U.S., U.S. Territories and Canada) between 8 a.m. and 7:45 p.m. (New York Time).



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Viswambhara Educational Society
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KHAMMAM ROAD, BOLLIKUNTA, KHILA WARANGAL (MANDAL), WARANGAL - 506006, TELANGANA STATE

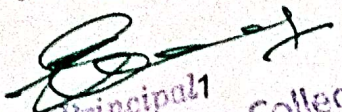
COMMON INTERVIEW QUESTIONS

1. Tell me about yourself
2. Why should we hire you?
3. What's your greatest weakness?
4. What are your career goals?
5. What's your greatest strength?
6. What's your greatest accomplishment?
7. How do you handle conflict?
8. How do you handle stress?
9. What are you most proud of?
10. What are you passionate about?
11. What makes you unique?
12. How would you describe yourself?
13. Where do you see yourself in 5 years?
14. Why do you want to work for us?
15. Why did you leave your last job?
16. What motivates you?
17. How do you work under pressure?
18. How do you handle conflict?
19. What is your salary range expectation?
20. Do you have any questions for us?

QUESTIONS FOCUSED ON YOU

21. How do you define success?
22. Do you prefer to work alone or in groups? What's the most recent book you've read?
23. If you could describe yourself in two words, what would they be?
24. What most turns you off in a job?
25. If you were a billionaire, what would you do with your time?
26. What are you prepared to do with an employee who refuses to be a team player?
27. If you were given the opportunity, would you take my job from me?
28. What is your ideal job?
29. On a scale of 1-10, with 1 being a hard worker and 10 being smart, where would you rate yourself?




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30. How would you describe your personality?
31. How do you describe your analytical skill? Good, average or bad.
32. What would your best friends say about you?
33. What is your philosophy of selling?
34. What is the thing that frustrates you the most about working in general? Give examples.
35. Are you good at multitasking?
36. Are you self-motivated/a self-starter?
37. What is an animal you most admire/relate to?
38. What do you want to accomplish?
39. What do you do for fun?
40. Who is your mentor?
41. What are your hobbies?
42. What is your favorite website?
43. What makes you uncomfortable?
44. On a scale of 1-10, how aggressive are you?
45. If you could have a superpower, what would it be?
46. Can you easily build rapport?
47. How do you think other people think of you?
48. What do you see yourself in 10 years, and how did you get there?
49. Do you prefer Quality or Quantity?
50. Which is better to work on, improving one's strengths or one's weaknesses?
51. Who is your biggest inspiration?
52. Do you like constant change?
53. How do you communicate when you are unsatisfied?
54. What video games do you play?
55. What core value of the organization most resonates with you?
56. Do you find it difficult to talk to and meet new people?
57. What does integrity mean to you?
58. How will you achieve a work/life balance?
59. What is the most competitive thing you did last week that wasn't related to work?
60. What gets you out of bed in the morning?
61. Would you say you are a person who loves to win or hates to lose?
62. What is your biggest regret?



[Signature]
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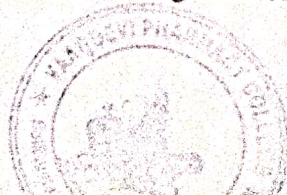


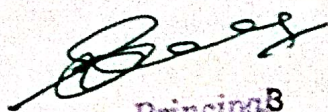
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63. Describe your personality
64. What is your management style?
65. Who is your hero?
- QUESTIONS FOCUSED ON THE JOB**
66. Are you willing to relocate for this job?
67. Will you travel for this job?
68. What interests you about this job?
69. If you were hired, how soon can you start?
70. Are you willing to travel?
71. Are you overqualified for this role?
72. Would you be willing to work nights and weekends?
73. What do you know about our company?
74. What do you know about our industry?
75. If you were asked to, would you break Union rules if directed to do so by Management?
76. What's the biggest problem you see with our company?
77. Is it okay to miss a deadline? If so, when?
78. How do you feel about working long hours?
79. Would you get bored in a year and leave us?
80. How would you deal with ambiguity in the workplace?
81. Why is diversity important in the workplace?
82. What do you think about overtime work?
83. Name as many of the services that [Company you're interviewing with] provides as possible and detail them
84. How long do you expect to stay with this company?
85. How would you deal with a rude employee?
86. What would you look to accomplish in the first 30 days/60 days/90 days on the job?
87. What is the name of our CEO?
88. How would you fire someone?
89. How are you handling objection?
90. What do you consider the most important qualities for this job?
91. Can you from day one, be on your own, no processes, just be told what needs to be done, and do it?
92. Describe your best day at work.
93. What would you do if the head partner gave you an assignment to do ASAP and another partner gave you another assignment to do ASAP?





Principal B
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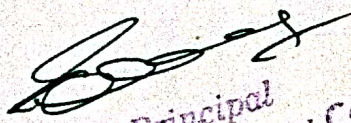
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94. Why should I hire you over these other candidates?(Inagroupinterview)
95. Somepeopleonlyworkin[Thisindustry]justtohaveajobuntilsomethingbettercomesalong.
96. How do we know if we hire you that you will stay?
97. If you saw your boss stealing, would you turn him in?
98. Wouldyoubewillingtostartoutpart-time?
99. How do you see yourself fitting into the organization?
100. What would you do if you heard a coworker talkbadaboutaboutacustomer?




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