



K. K. WAGH COLLEGE OF PHARMACY

(B. Pharmacy & D. Pharmacy)

Hirabai Haridas Vidyanagari, Amrutdham, Panchavati, Nashik - 422 003. (Maharashtra) India.

☎ : 0253 - 2221121, 2517003, 2510262 Web : www.pharmacy.kkwagh.edu.in

Email: principal-bpharmacy@kkwagh.edu.in, disp-bpharmacy@kkwagh.edu.in

(Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere, MSBTE, Mumbai & Approved by PCI)

5.1.4

Percentage of students benefited by guidance for competitive examination and career counselling offered by the institute



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5.1. Student Support

5.1.3. *Percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years.*

Sr. No	Content
A.	List of Students Qualified in competitive examinations
B.	Details of programs for guidance for competitive examinations
C.	Details of programs for Career Counselling





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5.1.4

**A - List of Students Qualified in
competitive examinations**



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LIST OF STUDENTS QUALIFIED IN COMPETITIVE EXAMINATION

A.Y.2022-23

LIST OF STUDENTS QUALIFIED IN GPAT

Sr.No.	Name of student	All India rank
1.	Jagtap Krishna Santosh	338
2.	PagarePrajwal Sunil	895
3.	Saurav Vilas Karanjkar	1052
4.	Yadav Manish Brijbhan	1408
5.	Aher Gita Sanjay	1597
6.	Nimse Monika Appasaheb	1978
7.	Patil Gitesh Gopichand	2514
8.	PratimaSagar	2586
9.	Kathe Pooja Balkrushna	3200
10.	RathodKetanKeshav	3692
11.	PawarAnketChhotu	4567
12.	Kaveri Kiran Korde	4567
13.	GujarathiHindaviGautam	4876
14.	BahiratAniket Sanjay	5323
15.	Divya Patil	5380
16.	Lohakare Manisha Arun	7283
17.	DivekarRushikesh Arvind	9703
18.	BhalsaneKarunaSamadhan	11928
19.	Shweta BabpuraoChavan	13764





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LIST OF STUDENTS QUALIFIED IN NIPER

Sr.No.	Name of student	Rank
1.	Manish Yadav	329
2.	SauravKaranjkar	637
3.	KrushnaJagtap	861
4.	KetanRathod	1063
5.	PrajwalPagar	1233
6.	AnketPawar	1907
7.	pooja Kathe	2049
8.	Monika Nimse	2506
9.	Manisha Lohakare	2850
10.	Manish Yadav	329





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5.1.4

**B - Details of programs for guidance
for competitive examinations**



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B. Details of programs for by guidance for competitive examinations

Sr. No	Date	Name of the Activity	Name and Affiliation of Resource Person	The number of students participated	No. of students benefited
2022-23					
a.	16-12-2022	IUPAC Nomenclature GPAT perspective	Dr. S.V.Amrutkar Principal and Professor, GES's Sir Dr. M. S. Gosavi College of Pharmaceutical Education and Research, Nashik	110	
b.	21-01-2023	Pharmacology GPAT Test 1	Ms. A.C.Deshmukh Assistant Professor, KKWCOP, Nashik	58	09
c.	01-02-2023	Pharmacognosy GPAT Test 2	Dr.A.R.Surana Associate Professor, KKWCOP, Nashik	100	10
d.	08-02-2023	Biopharmaceutics & Pharmacokinetics GPAT Test 3	Dr.A.P.Bedse Associate Professor, KKWCOP, Nashik		
e.	15-02-2023	Industrial Pharmacy GPAT Test 4	Ms. S.S. Raut Assistant Professor, KKWCOP, Nashik	31	04
f.	22-02-2023	Pharmaceutical organic chemistry GPAT test 5	Ms. D.K.Kadam Assistant Professor, KKWCOP, Nashik	01	01
g.	25-02-2023	Pharmacognosy & photochemistry GPAT Test 6	Ms. S.D.malode Assistant Professor, KKWCOP, Nashik		
h.	01-03-2023	Pharmaceutical Biotechnology GPAT Test 7	Ms. S.S. Raut Assistant Professor, KKWCOP, Nashik	31	01
i.	08-03-2023	Pharmaceutical Engineering GPAT Test 8	Ms. S.S. Patil Assistant Professor, KKWCOP, Nashik	02	01
2023-24					
a	24-08-2023	Guidance on GPAT-NIPER exam preparation	Dr. M.D.Bohare Founder, ANA academy, Nashik	106	





Expert Talk Report

IUPAC Nomenclature GPAT perspective Report

Date: 16/12/2022

Time: 2.00 PM to 5.0 PM

Venue: Seminar Hall

Objective of the webinar: To increase the awareness among the students about this GPAT and introduce the various tricks & techniques for exam.

Outcome of webinar: Students as well as faculties of K. K. Wagh Education Society College of Pharmacy, Nashik attended this webinar.

The participants of the Guest lecture got elaborate information regarding GPAT exam and IUPAC Nomenclature. They got to know about where to apply, how to apply, and what knowledge updating needed to grab the opportunity in GPAT Exam. The session has enabled the participants to learn to excel the solve of IUPAC nomenclature.

Number of participants: 110

S.S. Patil
Event Coordinator

Dr. D. D. Patil
Principal





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Banner

OUR INSPIRATION



**PADMA SHREE KARMAVEER
KAKESHWAR WAGH**



**LATE SHRI. BALASAHEB WAGH
(BHAU)**

ORGANIZED BY



KKWCOE Vision
To develop the Institute as a global brand,
providing quality education in the
pharmacy field, thereby creating
competent and expert pharmacists ready to
serve the healthcare industry and society.

A Guest lecture on:

IUPAC NOMENCLATURE GPAT PERSPECTIVE

EMINENT SPEAKER

Dr. S. V. Amrutkar

Principal

Dr. M.S. Gosavi College of
Pharmaceutical Education &
Research Nashik.



PATRON

Prof. K.S. Bandi

Secretary,

K.K.Wagh Education Society

CONVENER

Dr. D.D. Patil

Principal

K.K.Wagh COP Nashik

CO-ORDINATOR

Dr. R.D. Amrutkar

Event Coordinator

S.S. Patil

GPAT Coordinator

K. K. Wagh COP Nashik

SCHEDULE

Friday

16th December 2022 at 2.00PM

Venue

Seminar Hall





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Photographs



S.S. Patil

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Event Coordinator

Dr. D. D. Patil

Dr. D. D. Patil
Principal





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Pharmacology GPA1 Test-I

Date :21/01/2023

Sr No	Name of Student	PRN No	Marks (out of 30)
1	Bagul Priyanka Prabhakar	1954501823006	20
2	Gavit Sulochana Sonya	1954501823007	12
3	Pagar Sanket Balasaheb	1954501823008	13
4	Amogh Patil	1954501823010	25
5	Bhavesb Babanrao Satbhai	1954501823013	16
6	Prachi Sanjay Jadhav	1954501823017	29
7	Wadhavane Kiran Bhausaheb	1954501823020	24
8	Patil Gitesh Gopichand	1954501823031	19
9	Nishtha gopal marathe	1954501823032	21
10	Anket Chhotu Pawar	1954501823034	15
11	Raut Anjali kantilal	1954501823035	19
12	Bhalsane karuna samadhan	1954501823037	26
13	Dahifale Mahesh Shrimant	1954501823041	25
14	Krishna Jagtap	1954501823044	24
15	Prajwal Sunil Pagare	1954501823047	22
16	Monika Appasaheb Nimse	1954501823048	15
17	Sakshi Anil Pawar	1954501823050	14
18	Jagtap Mayuri Dipak	1954501823051	13
19	Manish Yadav	1954501823052	26
20	Vaishnavi keshavrao kadam	1954501823056	15
21	Gita aher	1954501823059	23
22	Rohan Bhausaheb Shelke	1954501823061	13
23	Tejas Chaudhari	1954501823063	17
24	Pooja Balkrushna Kathe	1954501823066	29
25	Aniket Parashram Gaikwad	1954501823070	19
26	Shruti Lone	1954501823071	26
27	Jagruti Hari Pawar	1954501823074	15
28	Chaudhari Vaishnavi Gajanan	1954501823075	26
29	Sakshi dange	1954501823078	26
30	Harshada Pandurang Sonawane	1954501823090	7
31	Khilosiya Ronak Ashish	1954501823095	28
32	Manisha Lohakare	1954508123083	9
33	Manisha Dnyaneshwar Buchakul	2054501823002	26
34	Daunde Akash Babasaheb	2054501823004	18
35	Akshay sanjay deore	2054501823005	26
36	Sayli Babasaheb Gaikwad	2054501823007	28
37	Gavit Vishal Dinkar	2054501823011	26
38	Jadhav Arati Bhagwan	2054501823012	29
39	Pratiksha Narendra Kardak	2054501823019	26





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40	Kedar Priyanka Balasaheb	2054501823020	26
41	Korde Shrutika Rajendra	2054501823023	29
42	Mahale Rajesh SubashA	2054501823025	26
43	Pankaj patil	2054501823027	26
44	Roshani Kantilal patil	2054501823028	29
45	Rathod Nilesh Mulchand	2054501823031	26
46	Maijabeen Sattar shah	2054501823033	29
47	Bhagwat Sakshi Vilas	009	26
48	Madhuri dipak jamdhade	017	29
49	Shradha ashok kusalkar	039	10
50	Kashaf Erphan Patel	043	6
51	SAURAV KARANJKAR	054	23
52	Shingade Disha Chhabu	058	27
53	Hindavi Gujarathi	062	29
54	khushi patil	069	14
55	Vismay Vijay Pawar	072	23
56	Snehal Sanjay Borse	080	29
57	Aarti Narayan Wable	088	8
58	Nazmeen Iqbal Kureshi	089	8



Pharmacognosy GPAT

Maximum Score: 200

Date: 01/02/2023

Roll no	Name	Score	Roll no	Name	Score
01	Ashwini Balasaheb Tribhuwan	112	61	Sakshi Dange	112
4	Akshay Khalkar	52	63	Snehal Sanjay Borse	72
05	Bagul Priyanka Prabhakar	88	64	Hitesh Sangale	76
06	Gavit Sulochana Sonya	52	65	Vaibhav Bhaskar Rakshe	100
7	Pagar Sanket Balasaheb	60	67	Aaman	80
12	Prachi Sanjay Jadhav	140	69	Shrinivas Somnath Jadhav	92
14	Wadhavane Kiran Bhausaheb	128	70	Rutuja Durgude	116
15	Samruddha Wavikar	128	71	Aarti Narayan Wable	132
17	Gitesh Patil	72	72	Nazmeen Iqbal Kureshi	140
19	Vasaikar Vaishnavi Tulshiram	128	73	Harshada Sonawane	140
20	Anket Pawar	108	75	Sayali Shinde	116
21	Raut Anjali Kantilal	136	76	Shweta Bapusaheb Rokade	112
22	Bhalsane Karuna Samadhan	124	78	Khilosiya Ronak Ashish	100
23	Pankesh Agrawal	116	80	Tejas Dilip Wadje	72
25	Akash Kailas Ahire	120	81	Gayatri Ashok Thube	76
27	Kashaf Erphan Patel	108	84	Deepa U. Singh	128
28	Krishna Jagtap	136	86	Utkarsha Suhas Kulkarni	108
30	Pratima Sagar	120	87	Bhamare Shruti Nanaj	104
31	Prajwal Sunil Pagare	92	88	Aishwarya Chandrabhan Aher	88
32	Monika Appasaheb Nimse	116	89	Manisha D. Buchakul	120
33	Joshi Isha Dinesh	128	90	Rohit Chavan	76
34	Sakshi Anil Pawar	92	91	Akash Babasaheb Daunde	72
35	Jagtap Mayuri Dipak	116	92	Akshay Sanjay Deore	112
36	Manish Yadav	100	93	Mayuri Rajendra Dhumal	112
38	Saurav Vilas Karanjkar	84	94	Sayali Babasaheb Gaikwad	64
39	Ayush Jain	100	96	Shubham P. Gaikwad	84
40	Vaishnavi Keshavrao Kadam	120	97	Mahesh Galdhar	52
41	Soni Riddhi Sunil	96	98	Vishal Dinkar Gavit	104
42	Disha Chhabu Shingade	136	99	Jadhav Arati Bhagwan	100
43	Aher Gita Sanjay	132	100	Kiran Yenunath Jadhav	84
44	Akash Bavaskar	84	103	Nikita Milind Jain	124
45	Rohan Bhausaheb Shelke	108	104	Madhuri Dipak Jamdhade	128
47	Tejas Ramesh Chaudhari	116	105	Kadam Pravin Bhausaheb	48
48	Jadhav Amar Anil	88	106	Pratiksha Narendra Kardak	132
49	Bhikan Thakur	60	108	Vrushali Kohokade	76
50	Pooja Balkrushna Kathe	144	109	Rutuja Kokate	72
52	Khushi Dinesh Patil	104	110	Korde Shrutika Rajendra	112
53	Aniket Parashram Gaikwad	88	111	Shravan Loya	84
54	Shruti Kiran Lone	116	112	Rajesh Subhash Mahale	92
55	Vismay Vijay Pawar	68	113	Nachan Ghansham Rakhmaji	56
56	Vaibhavi Shinde	92	114	Pankaj Patil	96
57	Jagruti Hari Pawar	100	115	Patil Roshani Kantilal	88
59	Muskan Najeer Shaikh	72	119	Prasad Sagar	68
60	Arshad Shaikh	100	122	Sinkar Prathamesh Anil	84

Conducted and Checked by: Dr.A.R.Surana



(Signature)
 Head of the Department
 Pharmacognosy
 K.K. Wagh College of Pharmacy
 Panchavati, Nashik.

Conducted on: 6/02/2023

Pharmacognosy GPAT Question paper

K.K.Wagh College of Pharmacy, Panchavati Nashik 422 003

* Indicates required question

1. Email *

Dr. Ajaykumar R. Surana

Associate Professor

Department of Pharmacognosy

K.K.Wagh College of Pharmacy, Panchavati Nashik, M.S., India-422 003

9657296551 - arsurana@kkwagh.edu.in

2. Name of Institute *

3. Name *

4. Roll no *

Pharmacognosy GPAT Question paper

K.K.Wagh College of Pharmacy, Panchavati Nashik 422 003



5. Quinidine shows _____ fluorescence in UV light

Mark only one oval.

- ☐ a) Red
- ☐ b) Blue
- ☐ c) Brown
- ☐ d) Pink

6. Black mustard contains type of glycosides

Mark only one oval.

- ☐ a) C- Glycosides
- ☐ b) O- Glycosides
- ☐ c) S- Glycosides
- ☐ d) N- Glycosides

7. Capsicum contains vitamins *

Mark only one oval.

- ☐ a) Vitamin- A
- ☐ b) Vitamin-D
- ☐ c) Vitamin- K
- ☐ d) Thiamine


Head of the Department
Pharmacognosy
K.K.Wagh College of Pharmacy
Panchavati, Nashik.

8. Assertion (a): Atropine and scopolamine can not be distinguished by Vitali reaction. Reason (r): Both alkaloids have tropic acid in their structure.

Mark only one oval

- ☐ A) Both (a) and (r) are true but (r) is NOT the correct reason for (a)
☐ B) Both (a) and (r) are true and (r) is the correct reason for (a)
☐ C) (a) is true but (r) is false.
☐ D) Both (a) and (r) are false

9. Nux vomica seeds contains ____ type of trichomes *

Mark only one oval

- ☐ a) Unicellular lignified trichomes
☐ b) Biseriate
☐ c) Multicellular
☐ d) Unicellular

10. Which statements are characteristic for the pentacyclic triterpenes from the followings

- P) They were formed of farnesyl-pyrophosphate
Q) These are derived from loganine.
R) At C3 of the base structure rarely oxo and hydroxyl groups are present.
S) The pentacyclic triterpenes frequently occur in glycosidic and ether form as well.

Mark only one oval

- ☐ A) Only answers P, Q, R are correct
☐ B) Only answers Q, R and S are correct
☐ C) Only answers Q and R are correct
☐ D) Only answers P and S are correct

11. Which culture is not the type of tissue culture? *

Mark only one oval

- ☐ a) Seed culture
☐ b) Bud culture
☐ c) Callus culture
☐ d) Selective culture

12. The Swelling factor of Isapgol is

Mark only one oval

- ☐ a) 5-11
☐ b) 10-14
☐ c) 3-8
☐ d) 2-7

13. Assertion (a): Brazilian ipecac is dark brick red as compared to greyish brown panama ipecac. Reason

(r): Brazilian ipecac contains emetine:cephalin in ratio 4:1. Panama ipecac contains emetine:cephalin in ratio 1:1

Mark only one oval

- ☐ A) Both (a) and (r) are true and (r) is the correct reason for (a).
☐ B) (a) is and (r) are true but (r) is NOT the correct reason for (a).
☐ C) (a) is false and (r) is true.
☐ D) Both (a) and (r) are false.



14. Dried latex of the drug is used, except *

Mark only one oval.

- ☐ a) Opium
- ☐ b) Gatta partha
- ☐ c) Papain
- ☐ d) Balsam

15. Muddy poison is *

Mark only one oval.

- ☐ a) Datura fastuosa
- ☐ b) Strophanthus G.
- ☐ c) Hyoscyamus nigra
- ☐ d) Atropa belladonna

16. Ergot of Rye belongs to the family *

Mark only one oval.

- ☐ a) Rubiaceae
- ☐ b) Clavicipitaceae
- ☐ c) Erythroxiaceae
- ☐ d) Apocynaceae

17. Aconitin on hydrolysis gives *

Mark only one oval.

- ☐ a) Benzoic acid + Acetic acid + Aconine
- ☐ b) Cinnamic acid + Tropic acid + Aconine
- ☐ c) Cinnamic acid + Methyl Aic. + Benzoyl Aconine
- ☐ d) Formic acid + Methyl Aic. + Benzoyl Aconine

18. The amount of stalk present in clove should not exceeds *

Mark only one oval.

- ☐ a) 4%
- ☐ b) 5%
- ☐ c) 6%
- ☐ d) 8%

19. Choose the right skeleton for Cinchona alkaloids *

Mark only one oval.

- ☐ a) Cevan
- ☐ b) Tropane
- ☐ c) Isoquinoline
- ☐ d) Rubanol

20. Cocaine is used as in the official medicine. *

Mark only one oval.

- ☐ a) Narcotic
- ☐ b) Sedative
- ☐ c) Local anesthetics
- ☐ d) Cough suppressant

21. Choose the right test for identification of anthraquinones. *

Mark only one oval.

- ☐ a) Marquis test
- ☐ b) Froehde test
- ☐ c) Liebermann-burchard test
- ☐ d) Borntrager test



22. Opium is used in the medicine as _____ 4 points

Mark only one oval.

- a) Tranquillant
- b) starting material for morphine production
- c) Pain killer
- d) Laxative

23. Which is the right test for the cardioactive glycosides of Foxglove leaf? * 4 points

Mark only one oval.

- a) Murexide
- b) Liebermann-Burchard
- c) 2,4-dinitro-phenylhydrazine
- d) Keller-Kiliani

24. The common base skeleton of physiologically active ergoline alkaloids is: * 4 points

Mark only one oval.

- a) Isolysergic acid.
- b) Clavubine.
- c) Lysergic acid.
- d) 2-phenylbenzopyrane

25. Cyrol oil is obtained from * 4 points

Mark only one oval.

- A) Nagarmotha
- B) Bach
- C) Kaljiri
- D) Kantaakari

26. Select the drug, which is not belonging to tannin class? 4 points

Mark only one oval.

- a) Myrobalam
- b) Pale catechu
- c) Ashoka
- d) Peppermint

27. Select the drug, which is not showing carminative property? 4 points

Mark only one oval.

- a) Dill
- b) Mentha
- c) Senna
- d) Cardamom

28. _____ is not used as expectorant. * 4 points

Mark only one oval.

- a) Ipecacuanha
- b) Vasaka
- c) Liquorice
- d) Atropine

29. Drugs which can be used as Antihypertensive is: * 4 points

Mark only one oval.

- a) Rauwolfia
- b) Digitalis
- c) Cescora
- d) Stropanthus



30. _____ is used as adrenergic drug *

Mark only one oval.

- ☐ a) Ephedra
- ☐ b) Physostigma
- ☐ c) Pilocarpus
- ☐ d) Belladonna

31. Drug is used as bronchodilator: *

Mark only one oval.

- ☐ a) Tea
- ☐ b) Liquorice
- ☐ c) Ipecacuanha
- ☐ d) Vasaka

32. Drug used as antimalarial is: *

Mark only one oval.

- ☐ a) Ashwagandha
- ☐ b) Tulsi
- ☐ c) Ginseng
- ☐ d) Artemisia

33. Alkaloids are _____ type of substances *

Mark only one oval.

- ☐ a) Acid
- ☐ b) Neutral
- ☐ c) Chemical
- ☐ d) Basic nitrogenous



34. Glycoside: _____ + condensation products of: *

Mark only one oval.

- ☐ a) Sugar + Aglycone
- ☐ b) Sugar + Protein
- ☐ c) Protein + Aglycone
- ☐ d) Fats + Aglycone

35. Flower bud of drug showing medicinal importance: *

Mark only one oval.

- ☐ a) Saffron
- ☐ b) Clove
- ☐ c) Fig
- ☐ d) Caraway

36. The term "Ant" means: *

Mark only one oval.

- ☐ a) Outgrowth originating from micropyle
- ☐ b) Succulent growth from hilum
- ☐ c) Enlarged funicle
- ☐ d) Stiff bristle like appendages

37. Drug is not an example of unorganized crude drug: *

Mark only one oval.

- ☐ a) Cinchona
- ☐ b) Aloe
- ☐ c) Agar
- ☐ d) Catapiney

38. Ammonia is added in the in vitro tissue culture media because *

4 point

Mark only one oval

- ☐ a) It maintain pH
☐ b) It decreases acidity of culture
☐ c) It contains Nitrogen which is important part of amino acids, proteins
☐ d) It decreases osmotic pressure

39. Senna contains mainly Glycosides *

4 point

Mark only one oval

- ☐ a) O- Glycosides
☐ b) N- Glycosides
☐ c) C- Glycosides
☐ d) S- Glycosides

40. Drug showing cardiotonic activity *

4 point

Mark only one oval

- ☐ a) Thevetia
☐ b) Cochineal
☐ c) Rhubarb
☐ d) Aloe

41. Cathartides shows pharmacological activity *

4 point

Mark only one oval

- ☐ a) Cardiac
☐ b) Gastric
☐ c) Asthmatic
☐ d) Rubifacient

42. Lanatoside is contains aglycone *

4 point

Mark only one oval

- ☐ a) Digitoxigenin
☐ b) Digitatigenin
☐ c) Gitoxigenin
☐ d) Ouabagenin

43. Cardiolide contains lactone ring *

4 point

Mark only one oval

- ☐ a) Four member
☐ b) Five member
☐ c) Six member
☐ d) Seven member

44. Types of calcium oxalate crystal present in Belladonna leaf *

4 point

Mark only one oval

- ☐ a) Acicular
☐ b) Prismatic
☐ c) Sandy
☐ d) Acicular and Prismatic

45. Drug used as a nervine tonic *

4 point

Mark only one oval

- ☐ a) Senega
☐ b) Mordica
☐ c) Ginseng
☐ d) Brahmi



46. Mucilage shows color reaction with ruthenium red *

Mark only one oval

- ☐ a) Yellow
- ☐ b) Green
- ☐ c) Blue
- ☐ d) Pink

47. Synthetic Camphor is prepared from *

Mark only one oval

- ☐ a) Pinene
- ☐ b) Camphene
- ☐ c) Phellandrene
- ☐ d) Geraniol

48. Devil dung is the synonyms of the drug *

Mark only one oval

- ☐ a) Asafoetida
- ☐ b) Cannabis
- ☐ c) Camphor
- ☐ d) Capsicum

49. The volatile oils are the complex mixture of

Mark only one oval

- ☐ A) mono- and sesquiterpenes as well as phenyl-propane derivatives
- ☐ B) mono- and diterpene alcohols and ethers
- ☐ C) sesquiterpenes and other aromatic compounds
- ☐ D) monoterpene acids and lactones

50. Strychnine and Brucine belong to chemical class *

Mark only one oval

- ☐ a) Dihydroindole
- ☐ b) Quinone
- ☐ c) Iodine
- ☐ d) Indole

51. Conium or hemlock fruits can be distinguished from Anisi vulgaris fruits by microscopy on the base of:

P) Conium or hemlock fruits has secretion (essential oil) ducts.

Q) there are no trichomes on Conium or hemlock fruits.

R) Anisi vulgaris fruits has no secretion (essential oil) ducts.

S) Conium or hemlock fruits has no secretion (essential oil) ducts.

Mark only one oval

- ☐ a) P and Q
- ☐ b) Q and R
- ☐ c) R and S
- ☐ d) Q and S

52. Assertion (a): The shape of the grain of different starches is characteristic for the plant derived from Reason

(r): The starches are secondary metabolites of the plants.

Mark only one oval

- ☐ A) Both (a) and (r) are true but (r) is NOT the correct reason for (a)
- ☐ B) Both (a) and (r) are true (a) and (r) is the correct reason for (a)
- ☐ C) (a) is true but (r) is false.
- ☐ D) Both (a) and (r) are false

53. Biological source of Guggul is:

Mark only one oval.

- ☐ a) *Annona squamata*
- ☐ b) *Commiphora mukul*
- ☐ c) *Zingiber officinalis*
- ☐ d) *Commiphora reticulata*

54. The presence of alkaloid in plant material can be tested by the following reagents:

- P) 3,5-dinitrobenzoic acid in NaOH (Kedde reagent).
- Q) Potassium-mercury iodide solution (Mayer reagent).
- R) 2,4-dinitrophenylhydrazine solution.
- S) potassium bismuth iodine solution (Dragendorff reagent).

Mark only one oval.

- ☐ A) Only answer P is correct
- ☐ B) Only answer R is correct
- ☐ C) Only answers Q and R are correct
- ☐ D) Only answers Q and S are correct

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- Time required to reach the steady state after a dosage regimen depends on
A) Route of administration B) Half-life of drug C) Dosage interval D) Dose of drug
- For a particular drug, the rate of absorption but not the extent of the absorption of a from GIT, is affected by presence of food in GIT then taking the drug with food will result in a
A) Smaller area under the plasma drug concentration time curve
B) Smaller maximal plasma drug concentration
C) Smaller time at which the maximal plasma drug concentration occurs
D) Smaller fractional bioavailability and total clearance
- Volume of blood that flows per unit time per unit volume of the tissue is:
A) Gastric emptying rate B) Perfusion rate C) Elimination rate D) Residence time
- In case of one compartment open model intravenous infusion, C_{ss} (steady state plasma concentration) is equal to:
A) $\frac{[\text{Plasma concentration}][\text{Infusion rate}]}{\text{Clearance}}$
B) $\frac{\text{Infusion Rate}}{\text{Clearance}}$
C) $\frac{[t_{max}][\text{Infusion Rate}]}{[\text{Clearance}]}$
D) $\frac{[C_{max}][\text{Infusion Rate}]}{\text{Clearance}}$
- The loading dose of a drug is based upon the
A) Time taken for complete elimination
B) Percentage of drug excreted unchanged in urine
C) Percentage of drug bound to plasma protein
D) Apparent volume of distribution and the desired drug concentration in plasma
- The biological half- life of a drug
A) is a constant physical property of the drug
B) is a constant chemical property of the drug
C) may be increased in patients with impaired renal function
D) may be decreased by giving the drug by rapid IV injection
- The area under the serum concentration time curve of a drug represents:
A) The biological half-life of the drug
B) The amount of drug in the original dosage form
C) The amount of drug absorbed
D) The amount of drug excreted in the urine
- The principle of superposition in designing multiple-dose regimens assumes that
A) Each dose affects the next subsequent dose, causing nonlinear elimination
B) Early doses of drug do not affect subsequent doses
C) The fraction of drug absorbed is equal to the fraction of drug eliminated
D) Each dose of drug eliminated by zero-order elimination
- Drugs following one compartment open model pharmacokinetics eliminate
(A)bi-exponentially(B)tri-exponentially(C)Non-exponentially(D)mono-exponentially
- A drug (200 mg dose) administered in tablet form and as intravenous injection (50 mg dose) showed AUG of 100 and 200 microgram hour/mL, respectively. The absolute availability of the drug through oral administration is:
(A) 125% (B) 250 % (C) 12.5% (D) 1.25%
- It is required to maintain a therapeutic concentration of 10 microgram/mL for 12 hours of a drug having half-life of 1.386 hr and V_d of 5 L. The dose required in a sustained release product will be
(A) 600 mg (B) 300 mg (C) 30 mg (D) 60 mg
- For drug substances with highly variable pharmacokinetic characteristics, the following bioequivalence study design is used.





K. K. WAGH COLLEGE OF PHARMACY

(B. Pharmacy and D. Pharmacy)

Hirabai Haridas Vidyanagari, Amrutdham, Panchavati, Nashik - 422 003.

(Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere, MSBTE, Mumbai & Approved by PCI, New Delhi)

Pharmaceutical Organic Chemistry GPAT Test

Sr.No.	Name Of student	Marks
1.	Manisha Lohakare	17



Pharmaceutical Organic Chemistry- GPAT Question Paper

Pharmaceutical Organic Chemistry

1. Email *

2. Date *

07/05/2019

3. Name of student *

4. Class *

Pharmacy

Final Year B. Pharmacy

5. Roll No. *



6. Which of the following intermediates has a positive charge? *

Mark only one oval.

Carbocation

Carbanion

Carbene

Nitrene

7. Which of the following groups comes under EDG? *

Mark only one oval.

Nitro

Chloro

Amino

Aldehyde

8. Which of the following groups comes under EWG? *

Mark only one oval.

Nitro

Methyl

Amino

Amide

9. Which of the following rules is not used to determine the electronic configuration? *

Mark only one oval.

- ☐ Pauli's
- ☐ Saytzeff
- ☐ Hund's
- ☐ Aufbau

10. All statements are correct for SN-1 reaction, except *

Mark only one oval.

- ☐ Follows first-order kinetic
- ☐ Rearrangement is possible
- ☐ Inversion of configuration takes place
- ☐ Two-step reaction

11. All statements are correct for SN-2 reaction, except *

Mark only one oval.

- ☐ Follows second-order kinetic
- ☐ Rearrangement is possible
- ☐ Inversion of configuration takes place
- ☐ Single step reaction

12. All statements are correct for E-2 reaction, except *

Mark only one oval.

- ☐ Follows first-order kinetic
- ☐ Reactivity order is $3^\circ > 2^\circ > 1^\circ$
- ☐ Always β -hydrogen abstracted
- ☐ Single-step reaction

13. Orientation of elimination reaction follows ... *

Mark only one oval.

- ☐ Markonikov's rule
- ☐ Saytzeff rule
- ☐ Michael addition
- ☐ Hoffmann rule

14. Orientation of addition reaction follows ... *

Mark only one oval.

- ☐ Markonikov's rule
- ☐ Saytzeff rule
- ☐ Michael addition
- ☐ a and c



15. Which of the following is a polar aprotic solvent? *

Mark only one oval.

- ☐ DMF
☐ Etanol
☐ Water
☐ All of above

16. Which of the following is a polar protic solvent? *

Mark only one oval.

- ☐ Acetic acid
☐ Etanol
☐ Water
☐ All of above

17. In which of the following structures, geometrical isomerism is not possible? *

Mark only one oval.

- ☐ Ethene
☐ Propene
☐ 2-Pentene
☐ a and b

18. Which form is more stable in conformation of n-butane? *

Mark only one oval.

- ☐ Skew staggered
☐ Skew eclipsed
☐ Totally staggered (anti)
☐ Fully eclipsed

19. All statements are correct for enantiomer, except? *

Mark only one oval.

- ☐ It must be a chiral
☐ Not superimposable on its mirror image
☐ Gives optical activity
☐ All enantiomer are optically active

20. Which of the following bonds is the weakest bond? *

Mark only one oval.

- ☐ Coordinate bond
☐ Covalent bond
☐ Van der Waals' force
☐ H-Bond



21. Which substance has a dipole moment? *

Mark only one oval.

☐ CCl4

☐ CH2Cl2

☐ CCl32

☐ CCl4

22. Which form is more stable in conformation of cyclohexane? *

Mark only one oval.

☐ Chair

☐ Boat

☐ Twist Boat

☐ Half chair

23. Which of the following has a zero dipole moment? *

Mark only one oval.

☐ CO

☐ SO2

☐ SO3

☐ H2O

24. The separation of racemic mixture into the pure enantiomers *

Mark only one oval.

☐ Racemization

☐ Resolution

☐ Isomerization

☐ All of the above

25. A meso compound *

Mark only one oval.

☐ Is an achiral molecule that contains chirality centre

☐ Contains plane of symmetry

☐ Is optically inactive

☐ Is characterized by all of these

26. 1,2-position with six member heterocyclic contain two nitrogen atom is called *

Mark only one oval.

☐ Pyrimidine

☐ Pyridine

☐ Pyrazine

☐ Pindazine



27. 1,3-position with six member heterocyclic contain two nitrogen atom is called *

Mark only one oval

- ☐ Pyrimidine
☐ Pyridine
☐ Piperazine
☐ all of the above

28. Secondary alcohols *

Mark only one oval

- ☐ Have two hydroxy groups on the carbon chain
☐ Have a -OH group bonded to a carbon that is bonded to two other carbon atoms.
☐ Have hydroxy groups at both ends of the carbon chain
☐ Have a hydroxy group on the last carbon of the

29. As per Woodward-Hoffman rules for electrocyclic reaction, for $4n + 2$ system under photochemical condition rotation direction for bonding is _____

Mark only one oval

- ☐ Conrotation
☐ Disrotation
☐ a and b
☐ None of above



GPAT Question Paper

GPAT TEST
Subject : Pharmacognosy
Date 17-03-2023
Max. Marks 50

s.s.pelli@kdhagh.edu.in Switch account

Not shared

* Indicates required question

Name of student (Surname first) *

Your answer

Final year B.Pharm Class (Mark only one oval) *

- ☐ I
☐ II

Roll No. *

Your answer

PRN No. *

Your answer

Email id *

Your answer



1. Who is known as Father of Medicine? *

1 point

- ☐ Dioscorides
☐ Hippocrates
☐ Aristotle
☐ Theophrastus

2. Stas-Otto process is used for extraction of: *

1 point

- ☐ Glycosides
☐ Alkaloids
☐ Terpenoids
☐ Resins

3. Who is known as first Pharmacist _____? *

1 point

- ☐ Dioscorides
☐ N. Le'mary
☐ Serturner
☐ Galen

4. Which of the following is not an organized drug? *

1 point

- ☐ Fennel
☐ Colophony
☐ Ipecac
☐ Senna



5. Who isolated morphine from opium? *

1 point

- ☐ Serturner
- ☐ Pelletier
- ☐ Meissner
- ☐ Reiman

6. The fundamental principle of homeopathy is..... *

1 point

- ☐ Disease can be treated by antibiotics
- ☐ Unlike can be treated by like
- ☐ Like can be treated by like
- ☐ None of the above

7. Nux Vomica is..... *

1 point

- ☐ CNS stimulant
- ☐ Antiarrhythmic
- ☐ Anticholinergic
- ☐ Amoebicidal

8. Octopamine is a..... *

1 point

- ☐ Anticancer agents
- ☐ Anti-inflammatory
- ☐ Antimicrobial agent
- ☐ Cardiovascular agent



9. INFERIORITY means..... *

- ☐ To any substandard drug
- ☐ The impairment in the quality of a drug
- ☐ Deterioration due to the attack of microorganisms
- ☐ Occurs when totally different substance is added in pl

10. In organoleptic evaluation the drugs are evaluated

- ☐ Chemical constituents
- ☐ Gross morphology
- ☐ Histological character
- ☐ Therapeutic uses

11. Lycopodium spore method was developed by.....

- ☐ James Rodrik
- ☐ Linnaeus
- ☐ Wallis
- ☐ Engler

12. The plant hormone which shows specific effect on is.....

- ☐ Auxins
- ☐ Abscissic acid
- ☐ Cytokinin
- ☐ Ethylene

13. Chemotaxonomy establishes the relation between _____ *

1 point

- ☐ Alphabetical and chemical classification
- ☐ Position of plant in taxonomy and chemical nature of drugs
- ☐ Organised and unorganised drugs
- ☐ None of the above

14. Octopamine is a _____ *

1 point

- ☐ Anticancer agents
- ☐ Anti-inflammatory
- ☐ Antimicrobial agent
- ☐ Cardiovascular agent

15. INFERIORITY means _____ *

1 point

- ☐ To any substandard drug
- ☐ The impairment in the quality of a drug
- ☐ Deterioration due to the attack of microorganisms
- ☐ Occurs when totally different substance is added in place of original drug

16. The concept of isotipotency was laid by _____ *

1 point

- ☐ Lon
- ☐ Haberlandt
- ☐ Cocking
- ☐ Callan



17. Hydrolysable tannins when treated with ferric chloride give _____ colour?

- ☐ Red
- ☐ Violet
- ☐ Blue
- ☐ Green

18. Which alkaloidal drug is used as antihypertensive?

- ☐ Rauwolfia
- ☐ Morphine
- ☐ Vinca
- ☐ Quinine

19. Select the drug which is not belonging to glycoside

- ☐ Digitalis
- ☐ Aloe
- ☐ Flacarpine
- ☐ Coscola

20. Which of the following drug is an example of Phenol

- ☐ Black pepper
- ☐ Clove
- ☐ Coriander
- ☐ Cinnamon

ation, produ

21. Quinine is detected by which of the following test? *

1 point

- ☐ Iodine test
- ☐ Thalleoquin Test
- ☐ Liebermann-Burchard test
- ☐ Nessler's test

D + 1 point

22. Glycyrrhizic acid on hydrolysis gives _____ *

1 point

- ☐ Glycyrrhetic acid
- ☐ Glycyrrhizin
- ☐ Liquiritin
- ☐ Isoliquiritin

dile 1 point

23. The Dragendorff's reagent does not give a positive test with: *

1 point

- ☐ Emetine
- ☐ Morphine
- ☐ Caffeine
- ☐ Codeine

shie 0/2.5

24. Choose the appropriate TLC solvent system for identification of Curcuminoids *

1 point

- ☐ n-butanol: Ethyl acetate: Glacial acetic acid (12.5:7.5:0.5)
- ☐ n-butanol: Ethyl acetate: Water (4:1:5)
- ☐ Chloroform: Methanol (90:10)
- ☐ Chloroform: Ethanol: Glacial acetic acid (94.5:1)

25. Fagopyrum esculentum belongs to the family *

1 point

- ☐ Apocynaceae
- ☐ Rubiaceae
- ☐ Polygonaceae
- ☐ Umbelliferae

26. In industrial production of Sennosides, Sennoside A is _____ in colour *

1 point

- ☐ Yellow mass
- ☐ Green mass
- ☐ Brown mass
- ☐ Pale yellow mass

27. In which of the following drug 2 mobile phase are used for estimation *

1 point

- ☐ Taxol
- ☐ Podophyllotoxin
- ☐ Caffeine
- ☐ Atropine

28. At which pH Vincristine crystals are collected *

1 point

- ☐ 5.9 to 6.9
- ☐ 6.9 to 7.9
- ☐ 7
- ☐ 4.9 to 5.9

29. Which one of the following are not the features of drying process of crude drugs? *

1 point

- ☐ It enhances the attack of microorganisms
- ☐ It increases the resistance against the growth of microorganisms
- ☐ It enhances the quality of crude drugs
- ☐ It helps in size reduction of crude drugs

30. Castor oil belonging to the family _____ *

1 point

- ☐ Boraginaceae
- ☐ Euphorbiaceae
- ☐ Apidae
- ☐ Flacourtiaceae

31. Urokinase is isolated from _____ *

1 point

- ☐ Human saliva
- ☐ Human faeces
- ☐ Human lungs
- ☐ Human urine

32. Multiplication of entire chromosome set is known as *

1 point

- ☐ Polyploidy
- ☐ Hybridization
- ☐ Mutation
- ☐ All of the above



33. _____ is the plant hormone responsible for fruit ripening. *

1 point

- ☐ Auxins
- ☐ Abscissic acid
- ☐ Cytokinins
- ☐ Ethylene

34. Surface sterilization is done by- *

1 point

- ☐ Sodium hypochlorite (2%)
- ☐ Calcium hypochlorite (9-10%)
- ☐ Mercuric chloride (0.1-1%)
- ☐ All of the above

35. Isoflavonoids are derivatives of _____ *

1 point

- ☐ 2-phenylchromen-4-one (2-phenyl-1,4-benzopyrone) structure
- ☐ 3-phenylchromen-4-one (3-phenyl-1,4-benzopyrone) structure
- ☐ 4-phenylcoumarin (4-phenyl-1,2-benzopyrone) structure
- ☐ 2-phenylchromen-4-one (3-phenyl-2,2-benzopyrone) structure

36. Precursor for the biosynthesis of tropane alkaloids is *

1 point

- ☐ Leucine
- ☐ Lysine
- ☐ Ornithine
- ☐ Tyrosine



37. The oil obtained from *Cymbopogon flexuosus* contains one of the following *

1 point

- ☐ Citral
- ☐ α -Terpinol
- ☐ α -Pinene
- ☐ Nerol

38. Fruits which are derived from the plants Umbelliferae are all of the type: *

1 point

- ☐ Cremocarp
- ☐ Paricarp
- ☐ Epicarp
- ☐ Mesocarp

39. Vitali's test is used to determine presence of *

1 point

- ☐ Tropic alkaloid
- ☐ Indole alkaloid
- ☐ Terpenoid glycosides
- ☐ steroidal glycosides

40. Volatile oil content of *Cinnamomum zeylanicum* should not be less than: *

1 point

- ☐ 0.05 %
- ☐ 0.20 %
- ☐ 0.90 %
- ☐ 1.00 %



41. Lycopodium spore method can be used to find out percentage purity of crude drugs which contain: *

1 point

- ☐ Multi-layered tissues or cells
- ☐ Well defined particles which can be counted
- ☐ Oil globules
- ☐ Characteristic particles of irregular thickness, the length of which can be measured

42. For Stress testing stability studies as per ICH guidelines with storage condition as controlled room temperature the testing condition is above *

1 point

- ☐ 30°C and 30% RH
- ☐ 40°C and 75% RH
- ☐ 60°C and 75% RH
- ☐ 25°C and 65% RH

43. Natural source of thaumatin, used as a low-calorie sweetener and flavor modifier protein is *

1 point

- ☐ *Stevia rebaudiana*
- ☐ Opion 2
- ☐ *Dioscorea pinnatifida*
- ☐ *Thaumatococcus danienii*



44. The drug rich in Vitamin E is *

1 point

- ☐ Ginkgo
- ☐ Ginseng
- ☐ Green tea
- ☐ None of the above

45. Natural Calorie-free sweetener is *

1 point

- ☐ Stevia rebaudiana
- ☐ Glycyrrhizalabra
- ☐ Dioscoreophyllumvolkensii
- ☐ All of the above

46. A separate department for Indian Systems of Medicine and Homeopathy knew as AYUSH was established in March

1 point

- ☐ 1993
- ☐ 1994
- ☐ 1995
- ☐ 2001

47. Each container used for raw material storage (plant exudes/extracts) shall be properly identified with the label which indicates the name of the raw material, source of supply and will also clearly state the status of raw material *

1 point

- ☐ Undertest
- ☐ Rejected
- ☐ Approved
- ☐ All of the above

48. Ferulic acid present in asafoetida on treatment with HCl produces *

1 point

- ☐ Oleic acid
- ☐ Umbellie acid
- ☐ Palmitic acid
- ☐ Stearic acid

49. Hardest Natural wax is *

1 point

- ☐ Carnuba wax
- ☐ Beeswax
- ☐ Jojoba wax
- ☐ Candellila wax



50. The constitution of "Ayurvedic, Siddha and Unani Drugs Technical Advisory Board" by the central government was under

* 1 point

- ☐ Section 29 of the Act
- ☐ Section 33-C of the Act
- ☐ Section 18 of the Act
- ☐ None of the above

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GPAT TEST

Pharmaceutical Biotechnology

e.s.gatt@kknwagh.edu.in Switch account

* Indicates required question

Email *

Your email

NAME OF STUDENT *

Your answer

Class

- ☐ Third Year B.Pharm
- ☐ Final year B.Pharm

PRN *

Your answer

ROLL NO. *

Your answer



1. The production of secondary metabolites requires the use of _____ * 1 point

- ☐ Meristem
- ☐ Protoplast
- ☐ Axillary buds
- ☐ Cell suspension

2. In plant tissue culture, the callus tissues are generated into a complete plantlet by altering the concentration _____ * 1 point

- ☐ Vitamins and minerals
- ☐ Sugars
- ☐ Hormones
- ☐ Amino Acids

3. The type of fermentation observed in yeasts is * 1 point

- ☐ acrylic fermentation
- ☐ lactic acid fermentation
- ☐ alcoholic fermentation
- ☐ pyruvic fermentation

4. Anaerobic respiration by yeast produces * 1 point

- ☐ CO₂
- ☐ All of the above
- ☐ Wine and Beer
- ☐ Alcohol



Date: 9/03/2025

3/7/21, 2:48 PM

QWAT TEST

5. What is a cell line? *

1 point

- ☐ Transformed cells
- ☐ Sub culturing of primary culture
- ☐ Multiple growth of cells
- ☐ Multilayer culture

6. Which of the following is NOT the part of growth medium for animal culture? *

1 point

- ☐ Starch
- ☐ Carbon source
- ☐ Inorganic salts
- ☐ Serum

7. Which of the following is NOT the major function of the serum? *

1 point

- ☐ Promotion of tuber and bulb formation
- ☐ Provide transport proteins
- ☐ Enhance cell attachment
- ☐ Stimulate cell growth

8. Which of the following is not a fermented soft drink? *

1 point

- ☐ Kombucha
- ☐ Kefir
- ☐ Kvass
- ☐ Tempeh



<https://www.google.com/forms/d/e/1FAIpQLScDpK3ayDMF6wV72yMuM111y4t8860LzDLY1hpMA3JA/viewform>

3/7/21, 2:48 PM

QWAT TEST

9. The culture medium should not *

1 point

- ☐ Allow high yield of undesired products
- ☐ Be cheap and readily available
- ☐ All of these
- ☐ Be sterilized easily

10. Chelating agents prevent formation of insoluble *

1 point

- ☐ Metal precipitates
- ☐ Calcium precipitates
- ☐ Enzyme precipitates
- ☐ Product precipitates

11. Glucose molecule during the process of glycolysis is broken down into *

1 point

- ☐ Three pyruvic acid
- ☐ Two pyruvic acid
- ☐ One pyruvic acid
- ☐ Four pyruvic acid

12. Excision and insertion of a gene is called *

1 point

- ☐ Biotechnology
- ☐ Cytogenetics
- ☐ Genetic engineering
- ☐ Gene therapy



<https://www.google.com/forms/d/e/1FAIpQLScDpK3ayDMF6wV72yMuM111y4t8860LzDLY1hpMA3JA/viewform>

13. The first transgenic plant to be produced is *

1 point

- ☐ Cotton
- ☐ Brinjal
- ☐ Rice
- ☐ Tobacco

14. The first recombinant DNA molecule was synthesized in the year

* 1 point

- ☐ 1962
- ☐ 1982
- ☐ 1992
- ☐ 1972

15. Recombinant plasmids are added to a bacterial culture that has been pretreated with _____ ions.

* 1 point

- ☐ calcium
- ☐ ferric
- ☐ magnesium
- ☐ iodine



16. Polymerase chain reaction (PCR) was invented by

* 1 point

- ☐ John Hopkins
- ☐ Kary Mullis
- ☐ James Watson
- ☐ Har Gobind Khorana

17. Taq polymerase is a _____ polymerase. *

1 point

- ☐ denaturant
- ☐ heat-stable
- ☐ large
- ☐ buffering

18. Bacterial artificial chromosomes are the _____ of bacterial cells. *

1 point

- ☐ Protozoes
- ☐ Polymerase enzyme
- ☐ Eencloases
- ☐ F-factors

19. DNA libraries are collection of _____.

1 point

- ☐ cloned DNA fragments
- ☐ bacteriophages
- ☐ ribonucleic acid
- ☐ viral particles

20. Viral-mediated gene transfer is called _____ *

1 point

- ☐ transduction
- ☐ conjugation
- ☐ transversion
- ☐ transformation

21. Optical activity is concerned with *

1 point

- ☐ Plane polarized light
- ☐ Refractive index
- ☐ Ordinary light
- ☐ All of these

22. Conductivity cells are made up of *

1 point

- ☐ Two silver rods
- ☐ Two parallel sheets of platinum
- ☐ Glass membrane with Ag/AgCl
- ☐ None of these

23. Which of the following is called serum Hepatitis? *

1 point

- ☐ HBV
- ☐ HIV
- ☐ HAV
- ☐ HCV





K. K. WAGH COLLEGE OF PHARMACY

(B. Pharmacy and D. Pharmacy)

Hirabai Haridas Vidynagari, Amrutdham, Panchavati, Nashik - 422 003.

(Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere, MSBTE, Mumbai & Approved by PCI, New Delhi)

GAPAT Practice Test

Name of the Subject- Pharmaceutical Biotechnology

Roll No.	Name of the Student	Marks Out of 50
18	Nishtha gopal marathe	39
23	Khute Ishwari Shambhu	34
66	Manisha Lohakare	23
84	Shweta Sunil Sonawane	42
90	Parate Surbhi Manohar	34
108	Vrushali Santosh Kohokade	30

Subject Incharge



GPAT TEST : Pharmaceutical Engineering

All questions are compulsory.

Indicate the required question.

1. Name: *

2. Roll No.: *

3. PRN no: *

4. Mobile No: *

5. E-mail ID: *

6. Class: *

Mark only one oval.

- ☐ Third Year
☐ Final Year



Select the most appropriate answer for the following questions.

All questions are compulsory.

7. When principle of conservation of energy is applied to flow of fluids then resulting equation is known as * (1 point)

Mark only one oval.

- ☐ Reynolds number
☐ Bernoulli's theorem
☐ Hagen-Poiseuille's equation
☐ Kick's theory

8. In Bernoulli's theorem the Potential energy is also known as * (1 point)

Mark only one oval.

- ☐ Resonance energy
☐ Kinetic energy
☐ Thermal energy
☐ Datum energy

9. If the Reynolds number is less than 2000, the flow in pipe is * (1 point)

Mark only one oval.

- ☐ Turbulent
☐ Laminar
☐ Transition
☐ None of these

10. Anemometer is used to measure.....*

1 point

Mark only one oval.

- ☐ Velocity
- ☐ Pressure
- ☐ Viscosity
- ☐ Internal Energy

11. η in Poiseuilles equation is representing.....*

1 point

Mark only one oval.

- ☐ Velocity of fluids
- ☐ Viscosity of fluids
- ☐ Pressure of fluids
- ☐ Density of fluids

12. Orifice meter is part of.....*

1 point

Mark only one oval.

- ☐ Flow of Fluid
- ☐ Size reduction
- ☐ Size Separation
- ☐ Venturimeter

13. Which Property of fluid account for major losses in pipe? *

1 point

Mark only one oval.

- ☐ Density
- ☐ Specific gravity
- ☐ Viscosity
- ☐ Compressibility



14. Saturated solution left behind the process of crystallization is called *

1 point

Mark only one oval.

- ☐ Final solution
- ☐ Daughter liquor
- ☐ Mother liquor
- ☐ Parent liquor

15. Which one of the following distillation methods is known as rectification? *

1 point

Mark only one oval.

- ☐ Flash distillation
- ☐ Fractional distillation
- ☐ Molecular distillation
- ☐ Simple distillation

16. Unit of the rate of heat transfer is *

1 point

Mark only one oval.

- ☐ Joule
- ☐ Newton
- ☐ Pascal
- ☐ Watt

17. The radiation emitted by black body is known as *

1 point

Mark only one oval.

- ☐ Black radiation
- ☐ Full radiation
- ☐ Total radiation & Full radiation
- ☐ Black radiation, Full radiation and Total radiation

18. Crystallization, evaporation and distillation are a means of?

Mark only one oval.

- ☐ Separating soluble substances in solution
- ☐ Separating insoluble substances in solutions
- ☐ Separating filtrate from solution
- ☐ Concentration

19. There is no loss of energy when..... *

Mark only one oval.

- ☐ Cross section of pipe enlarges
- ☐ Cross section of pipe reduces suddenly
- ☐ Cross section of pipe contracts gradually
- ☐ Cross section of pipe enlarges gradually

20. Which of the following is an example of corrosion? *

Mark only one oval.

- ☐ Rusting of iron
- ☐ Tarnishing of silver
- ☐ Liquefaction of ammonia
- ☐ Rusting of iron and tarnishing of silver

21. If the body is at thermal equilibrium, then the *

Mark only one oval.

- ☐ Emissivity = absorptivity
- ☐ Emissivity > absorptivity
- ☐ Emissivity < absorptivity
- ☐ Emissivity $\leq$ absorptivity

22. Chemical action during corrosion converts metal into metallic component as _____

Mark only one oval.

- ☐ Hydroxide
- ☐ Oxide
- ☐ Sulphate
- ☐ Hydroxide, Oxide and Sulphate

23. Insoluble impurities from solution during crystallization are removed by _____ *

Mark only one oval.

- ☐ Drying
- ☐ Filtration
- ☐ Heating
- ☐ Cooling

24. Rate of evaporation is _____ *

Mark only one oval.

- ☐ Directly proportional to temperature of liquid
- ☐ Inversely proportional to temperature of liquid
- ☐ Independent of temperature of liquid
- ☐ Directly proportional to humidity of surrounding air



25. Which one of the following distillation methods is known as rectification? *

Mark only one oval.

- ☐ Flash distillation
- ☐ Fractional distillation
- ☐ Molecular distillation
- ☐ Simple distillation

26. The Frictional Resistance For fluid in motion is ____ *

1 point

Mark only one oval.

- ☐ Dependent on the pressure for both laminar & turbulent.
- ☐ Independent of the pressure for both laminar & turbulent.
- ☐ Dependent on the pressure for both laminar & independent of the pressure for turbulent flow
- ☐ Independent on the pressure for laminar flow & dependent on the pressure for Turbulent.

27. Chemical action during corrosion converts metal into metallic component as ____ *

1 point

Mark only one oval.

- ☐ Hydroxide
- ☐ Oxide
- ☐ Sulphate
- ☐ Hydroxide, Oxide and Sulphate

28. Crystal phases can be inter-converted by varying ____ *

1 point

Mark only one oval.

- ☐ Temperature
- ☐ Pressure
- ☐ Size
- ☐ Viscosity

29. One of the following mills works on both the principles of interparticulate attrition and impact *

1 point

Mark only one oval.

- ☐ Cutter mill
- ☐ Hammer mill
- ☐ Roller mill
- ☐ Fluid energy mill

30. The equation describing the factors affecting the rate of filtration is *

1 point

Mark only one oval.

- ☐ Darcy's equation
- ☐ Dalton's equation
- ☐ Stokes' equation
- ☐ None

31. Filter aids may be applied by *

1 point

Mark only one oval.

- ☐ Precoating technique
- ☐ Body-mix technique
- ☐ Both
- ☐ None



32. Pressure of head is denoted by *

Mark only one oval.

- ☐ ΔP
☐ ΔH
☐ ΔPH
☐ ΔT

33. Fundamental equation that relates pressure to fluids speed & height is known as

Mark only one oval.

- ☐ Speed equation
☐ Reynolds equation
☐ Bernoulli's Equation
☐ Kick's Law

34. is the process of heating a liquid mixture to form vapours and then cooling them to get pure component.

Mark only one oval.

- ☐ Crystallization
☐ Distillation
☐ Chromatography
☐ Sublimation

35. Clarification is the term used when the solid content of the product *

Mark only one oval.

- ☐ Doesn't exceed 1%
☐ Doesn't exceed 10%
☐ Doesn't exceed 5%
☐ All are true

36. Freeze drying works on the principle of *

Mark only one oval.

- ☐ Evaporation of water
☐ Sublimation of water from ice phase to gas phase
☐ Liquefaction of ice to water
☐ Heating at the freezing temperature of water

37. Which of the following corruptions are caused due to velocity of fluid flow * in pipes?

Mark only one oval.

- ☐ Bimetal corrosion
☐ Cavitation corrosion
☐ Galvanic corrosion
☐ Intergranular corrosion

38. Which of the following is not a ferrous metal? *

Mark only one oval.

- ☐ Cast iron
☐ Steel carbon
☐ Stainless steel
☐ Aluminum



39. Filters function by the following mechanism(s) *

1 point

Mark only one oval.

- ☐ Sieving or screening
- ☐ Entrapment or impaction
- ☐ Electrostatic attraction
- ☐ All

40. Rauwolfia and Glycine can be size reduced the best way by of *

1 point

Mark only one oval.

- ☐ Roller mill
- ☐ Ball mill
- ☐ Cutter mill
- ☐ Colloid mill

41. The body which absorbs all radiations incident upon it, is called as *

1 point

Mark only one oval.

- ☐ Black body
- ☐ White body
- ☐ Opaque body
- ☐ Transparent body

42. Which of the following is also called velocity accelerated corrosion? *

1 point

Mark only one oval.

- ☐ Impingement attack or corrosion
- ☐ Erosion corrosion
- ☐ Pitting corrosion
- ☐ Galvanic corrosion



43. Fixed oils can be extracted using *

1 point

Mark only one oval.

- ☐ Vacuum still
- ☐ Molecular still
- ☐ Water still
- ☐ Fractional distillation

44. In dry milling the moisture content should be *

1 point

Mark only one oval.

- ☐ <2%
- ☐ <4%
- ☐ <6%
- ☐ <8%

45. Integrity tests are intended for following filters: *

1 point

Mark all that apply.

- ☐ Leaf filters
- ☐ Drum filters
- ☐ Membrane filters
- ☐ Edge filters

46. Dewar flasks are used in *

1 point

Mark only one oval.

- ☐ Vacuum drying
- ☐ Microwave drying
- ☐ Freeze drying
- ☐ Rotary drying

47. Total 100 squares in a 1 inch² area is termed *

Mark only one oval.

- ☐ 100 mesh sieve
- ☐ 10 mesh sieve
- ☐ 20 mesh sieve
- ☐ 25 mesh sieve

48. Following is/are dimensionless number(s) *

Mark only one oval.

- ☐ Reynold's number
- ☐ Power number
- ☐ Mass transfer number
- ☐ All

49. Following is not true for an azeotropic mixture: *

Mark only one oval.

- ☐ Volatility of each component becomes equal
- ☐ Relative volatility of mixture is 1
- ☐ Components of such mixture cannot be fractionated
- ☐ None

50. Select a mill for a low melting drug. *

Mark only one oval.

- ☐ Hammer mill
- ☐ Roller mill
- ☐ Ball mill
- ☐ Fluid energy mill



51. A material is termed bone dry if the moisture content is reduced to *

Mark only one oval.

- ☐ EMC (equilibrium moisture content)
- ☐ Zero moisture
- ☐ CFMC (critical free moisture content)
- ☐ None

52. Florentine receiver works on the principle of separation of component liquids of a mixture based on *

Mark only one oval.

- ☐ Molecular weight difference
- ☐ Density difference
- ☐ Volume difference
- ☐ All

53. Chose a method to achieve supersaturation for a substance whose solubility is independent of temperature (substance with flat solubility). *

Mark only one oval.

- ☐ Cooling
- ☐ Evaporation
- ☐ Precipitation
- ☐ None

54. Following uses the evaporation technique to achieve supersaturation. * 1 point

Mark only one oval.

- ☐ Circulation magma crystallizer
- ☐ Stenson-Walker crystallizer
- ☐ Static tank crystallizer
- ☐ All

55. For effective screening of all bacteria for sterilization of liquids the membrane pore size is * 1 point

Mark only one oval.

- ☐ 0.2 μ m
- ☐ 0.45 μ m
- ☐ 0.8 μ m
- ☐ 1.2 μ m

56. Duhring's rule is related to ____ * 1 point

Mark only one oval.

- ☐ Crystallization
- ☐ Distillation
- ☐ Filtration
- ☐ Size reduction

57. Sweet land filter is a modified type of ____ * 1 point

Mark only one oval.

- ☐ Leaf filter
- ☐ Edge filter
- ☐ Cartridge filter
- ☐ Rotary drum filter



58. Following laws are used to predict energy requirements for continuous process. * 1 point

Mark only one oval.

- ☐ Rittinger's law
- ☐ Kick's law
- ☐ Bond's law
- ☐ All

59. Hammer mill works by following principle: * 1 point

Mark only one oval.

- ☐ Impact
- ☐ Attrition
- ☐ Compression
- ☐ None

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K. K. WAGH COLLEGE OF PHARMACY

(B. Pharmacy and D. Pharmacy)

Hirabai Haridas Vidyanagari, Amrutdham, Panchavati, Nashik - 422 003.

(Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere, MSBTE, Mumbai & Approved by PCI, New Delhi)

Pharmaceutical Engineering GPAT Test

Sr.No.	Name Of student	Marks
1.	Manisha Lohakare	24
2.	Kasahf Patel	22



6. The washing of ampoules and vials is carried out in ... *

by patients

- ☐ Aseptic area
- ☐ Preparation area
- ☐ Clean up area
- ☐ Quarantine area

7. As per the guidelines provided by EU to GMP for the manufacturing of sterile products area is classified into....

• 10,000

- ☐ 4 grades
- ☐ 3 grades
- ☐ 5 grades
- ☐ 6 grades

8. The vulcanizing agent used in fabrication of rubber closure for parenteral product is

* 3 years

- ☐ Mercaptopurine
- ☐ Sulfur
- ☐ Zinc oxide
- ☐ Carbon black

9. Plastic Polymer used as container for IV Saline Solution is _____

9. *Journal of the American Medical Association*, 277, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674,

- ☐ Polycarbonate
- ☐ Hydroxy Propyl Methyl Cellulose
- ☐ Poly Vinyl Chloride
- ☐ High density Polyethylene



10. The viscosity required for ophthalmic products is _____.

↑ [cancers](#)

- ☐ 25-45 centipoise
- ☐ 15-25 centipoise
- ☐ 10-20 millipoise
- ☐ 25-45 millipoise

11. According to USP the visible particle size permitted in LVP is :

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- ☐ Limit of 50 particles of 1 micrometers and larger & 5 particles of 2 micrometers and larger per ml
- ☐ Limit of 50 particles of 100 micrometers and larger & 5 particles of 50 micrometers and larger per ml
- ☐ Limit of 100 particles of 10 micrometers and larger & 5 particles of 25 micrometers and larger per ml
- ☐ Limit of 50 particles of 10 micrometers and larger & 5 particles of 25 micrometers and larger per ml

T2. According to IF, the preparation passes the Rabbit Pyrogen test if: *

9-100000

- ☐ The group of three rabbits does not exceed 1.4°C and if the response of individual rabbit is less than 0.6°C
- ☐ The group of three rabbits does not exceed 1.4°C and if the response of individual rabbit is less than 0.2°C
- ☐ The group of three rabbits does not exceed 0.6°C
- ☐ The group of six rabbits does not exceed 1.4°C and if the response of individual rabbit is less than 0.6°C

13. Before washing the ampoules the mouth of each ampoule is rotated in Bunsen flame to melt down the rough edge. This process is called as * 1 point

- ☐ Annealing
- ☐ Charing
- ☐ Grounding
- ☐ Flaming

14. Osmolality measures the total number of particles dissolved in _____ of water and depends on the electrolytic nature of the solute. * 1 point

- ☐ Specified quantity
- ☐ Kilogram
- ☐ Kilolitre
- ☐ Litre

15. Which of the following is NOT an official test for rubber closures? * 1 point

- ☐ Fragmentation Test
- ☐ Sterility Test
- ☐ Self-sealability test
- ☐ Humidity Test



16. Which of the following is NOT true? * 1 point

- ☐ In horizontal laminar air flow air blows towards worker.
- ☐ In vertical laminar air flow particle-free air is forced downward toward the work surface.
- ☐ In horizontal laminar air flow particle-free air is forced in a back-to-front direction across the work surface.
- ☐ In vertical laminar flow air enters the system from behind the HEPA filter.
- ☐ Other:

17. Which of the following is TRUE? * 1 point

- ☐ Rabbit pyrogen test is quantitative biologic test.
- ☐ Pyrogenic effect is high with IM compared to IV injection.
- ☐ LAL test is in vivo test.
- ☐ Greater danger of pyrogens exists in LVP's than SVP's.
- ☐ Other:

18. Which of the following is NOT true about Rabbit pyrogen test? * 1 point

- ☐ It is based on fever response of rabbits.
- ☐ Rabbits of either sex are used.
- ☐ Provides the actual amount of pyrogenic substance in formulation.
- ☐ Dose given to rabbits is 10 ml per kg.

9/7/23, 3:12 PM

GPAT Test on Porewater

9/7/23, 3:12 PM

GPAT Test on Porewater

19. Which of the following is NOT true about the LAL test *

1 point

- ☐ It is simple, rapid and more sensitive (5-10 times) than rabbit pyrogen test
- ☐ It is a biochemical test performed in a test tube
- ☐ It is a in vivo biological test
- ☐ It is performed using lysates of amoebocytes of the horseshoe crab (*Limulus Polyphemus*)

20. Which of the following is NOT true for the 'Cold DOP' test: *

1 point

- ☐ It is an integrity test for HEPA filter
- ☐ All are wrong
- ☐ Efficiency is greater than HOT DOP
- ☐ It is based on pressurization

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K. K. WAGH COLLEGE OF PHARMACY

(B. Pharmacy and D. Pharmacy)

Hirabai Haridas Vidyanagari, Amrutdham, Panchavati, Nashik - 422 003.

(Affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere, MSBTE, Mumbai & Approved by PCI, New Delhi)

GAPAT Practice Test

Name of the Subject- Parenteral

Roll No.	Name of the Student	Marks Out of 20
01	Ashwini Balasaheb Tribhuwan	5
7	Pagar Sanket Balasaheb	5
08	Bhagwat Sakshi Vilas	10
09	Amogh Patil	10
19	Vasaikar Vaishnavi Tulshiram	3
20	Anket Chhotu Pawar	12
24	Shradha ashok kusalkar	5
27	Kashaf Erphan Patel	9
28	Krishna Jagtap	9
31	PRAJWAL SUNIL PAGARE	10
34	Sakshi Anil Pawar	10
35	Jagtap Mayuri Dipak	14
47	Tejas Chaudhari	10
53	Aniket Parashram Gaikwad	10
55	Vismay Vijay Pawar	6
57	Jagruti Hari Pawar	10
58	Chaudhari Vaishnavi Gajanan	10
60	Arshad Akil Shaikh	9
64	Hitesh Sharad Sangale	9
65	Vaibhav bhaskar rakshe	9
66	Manisha Lohakare	5





Expert Talk Report

'Guidance on GPAT/NIPER Exam Preparation'

Date: 24/08/2023

Time: 11.00AM to 1.00PM

Venue: Seminar Hall

Resource person:

1. Dr. M.D. Bocharé, Founder of Academy of NIPER Aspirants.

Objective of the webinar: To increase the awareness among the students about this GPAT/NIPER & introduce the other exams.

Outcome of webinar: Students as well as faculties of K. K. Wagh Education Society College of Pharmacy, Nashik attended this Expert talk.

The participants of the Session got elaborate information regarding GPAT/ NIPER exams and syllabus. They got to know about where to apply, how to apply, and what knowledge updation needed to grab the opportunity in GPAT Exam. The Session has enabled the participants to learn to excel the idea of cracking GPAT Exam.

Number of participants: 106

S.S. Patil
GPAT coordinator

Dr. A.P. Bede
Academic in-charge

Dr. K. S. Salunkhe
Principal





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Banner

A Expert Session on

GUIDANCE ON GPAT/NIPER EXAMS PREPARATION

EMINENT SPEAKER

Dr. M. D. Bocharé
Director of Academy
of NIPER Aspirants



PATRON

Prof. K.S. Bandi
Secretary,
K.K.Wagh Education Society

CONVENER

Dr. K.S. Salunkhe
Principal
K.K.Wagh COP Nashik

CO-ORDINATOR

Dr. A.P. Bedse
Event Coordinator

S.S. Patil
GPAT Coordinator

K. K. Wagh COP Nashik

SCHEDULE

Thursday

24th August 2023 at 11.00AM

Venue

Seminar Hall



K.K. Wagh College of Pharmacy, Nashik





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Photographs



S.S. Patil

S.S. Patil
GPAT coordinator

A.P. Bedse

Dr. A.P. Bedse
Academic In-charge

K.S. Salunkhe

Dr. K. S. Salunkhe
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Ref: KKWCOP/ 80/2023

Date: 23/08/2023

Students Notice

All the students of T.Y. & Final Year B.Pharmacy are informed to attend the Expert Talk Session on Guidance on GPAT/Niper Exams The Session will commence on 11.00 am of Thursday, 24th Aug 2023.




Principal
K.K. Wagh College of Pharmacy
Nashik





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Ref: KKWCOP/20/2023

Date: 23/08/2023

Staff Notice

All Staff of T.Y. & Final Year B.Pharmacy are informed to attend the Expert Talk Session on Guidance on GPAT/Niper Exams The Session will commence on 11.00 am of Thursday, 24th Aug 2023.




Principal
K. K. Wagh College of Pharmacy
Nashik





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KKWCOP/845/2023

Date: 23/08/2023

To,

Dr. M.D. Bochara

Director,

Academy of NIPER Aspirants

Subject: Invitation for Expert Talk on Guidance on GPAT/ NIPER exams Preparation.

Reference: Our Telephonic discussion

Dear Dr. M.D. Bochara

Thanks for your affirmative reply.

We wish to have your elaborate session to motivate our GPAT aspirant students and to guide them for preparation. We estimate around 80 students willing to attend this session.

As per our discussion we have planned this session on 24th August, Thursday 2023.

Subject: "Guidance on GPAT/ NIPER exams Preparation"

Audience: Third and Final Year B. Pharmacy students.

Platform: Offline (Seminar Hall)

Date and Day: 24th August, 2023, Thursday

Time: 11:00 am to 1:00 pm

Kindly accept this invitation and grace the event.

Event Coordinators

Dr. A. P. Bedse

S.S. Patil



Thanking You
Yours Sincerely,


(Dr. K.S. Salunkhe)
Principal
PRINCIPAL

K. K. Wagh College of Pharmacy
Panchavati, Nashik-422 003



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Attendance

Event Name: GPAT/NIPER Session

Date: 24/08/2023

New	Roll No.	Name of Students	Class	Signature
	68	Anushka Jagtap	T.Y.	<u>Anu</u>
	57	Bade Anagha	T.Y.	<u>Bade</u>
	63	Malve Bhakti	T.Y.	<u>Malve</u>
	59	Dhole Shradha	T.Y.	<u>Dhole</u>
	61	Deshpande Bhargavi	T.Y.	<u>Deshpande</u>
	81	Manore Sakshi	T.Y.	<u>Manore</u>
	73	Kadam Vaishnavi	T.Y.	<u>Kadam</u>
	77	Pingale Sayali	T.Y.	<u>Pingale</u>
	41	Acharya Sakshi	T.Y.	<u>Acharya</u>
	49	Girase Sanjayot	T.Y.	<u>Girase</u>
	58	Bargal Sakshi	T.Y.	<u>Bargal</u>
	47	Kathe Shradha	T.Y.	<u>Kathe</u>
	90	Ostwal Sakshi	T.Y.	<u>Ostwal</u>
	52	Pawar Prachi	T.Y.	<u>Pawar</u>
	31	Shiresath Samiksha	T.Y.	<u>Shiresath</u>
	119	Sonawane pranita s.	T.Y.	<u>Pss.</u>
	121	Thorat Rohini	T.Y.	<u>Thorat</u>
	122	AKshada Vidhate	T.Y.	<u>Akshada</u>
	103	Prachi v. Ahire	T.Y.	<u>Prachi</u>
	73	Chavale Kunal	T.Y.	<u>Chavale</u>
	83	Sakshi Kailas Kothule	T.Y.	<u>Kothule</u>





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Attendance

Event Name: GPAT / NIPER Guidance session.

Date: 24/08/2023

Roll No.	Name of Students	Class	Signature
41	Lohakare Nilam Santosh	Final Year	
83	Katware Madhavi Milind	Final Year	
109	Bruja Nityanand Janged	Final Year	
11	Ashwini Ambalal Patil	Final yr	
09	Ankita Rajendra Sonawane	Final yr	
45	Pragati dilip patel	Final yr	
81	Surbhi Manohar Patil	Final yr	
88	Swanandi Vijay chavun	Final yr.	
18	Farzeen Shakil Shaikh	final yr	
98	Vishakha. P. Wani	final yr	
2	Aditi. V. Patil	Final yr	
19	Gauri. A. Zope	Final yr	
80	Shruti. D. Shetye	Final yr	
03	Aditi P. Patil	Final yr	
81	Shweta Sonawane	Final Yr.	
76	Shraddha Kamankar	Final Yr	
39	Nandini Bhandarkar	Final Yr	
27	Kajal More	Final yr	
67	Saloni Deore	Final yr	
04	Akanksha kale	Final Yr	





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Roll No.	Name	Sign.
96	shwanti D. Khare	<u>shwanti</u>
982	chunmayi More	<u>@more</u>
982	Aditi Vyawahare	<u>Adityashare</u>
75	Mahajan Vaishnavi	<u>Mahajan</u>
93	Kalokhe Mansi	<u>M. Kalokhe</u>
87	Sonali Holgir	<u>Sonali</u>
26	Sujata Patil (T.Y)	<u>S. Patil</u>
41	Priyanka Bhavar	<u>P. Bhavar</u>
51	Pawar Nikita (T.Y)	<u>N. Pawar</u>
12	Marshalli Sonar (T.Y.)	<u>M. Sonar</u>
02	Mayuri Sudhir Patil (T.Y)	<u>M. Patil</u>
04	Vaishnavi Shriram Patil (T.Y)	<u>V. Patil</u>
36	Siddhi Gangurde (T.Y)	<u>Siddhi</u>
03	Priyanka Medhane (T.Y)	<u>P. Medhane</u>
54	Annu Dani (T.Y)	<u>Annu</u>
100	Pooja Pandurangnath (T.Y)	<u>P. Pandurangnath</u>
27	Chavan Rushikesh (T.Y)	<u>RK</u>
05	Ashish D. Pagar (T.Y)	<u>A. Pagar</u>
99	Saket V. Shirde (T.Y)	<u>Saket</u>
100	Ahmed Hameed (T.Y)	<u>A. Hameed</u>
112	Gaurav Vikas (T.Y)	<u>G. Vikas</u>
113	Bhagwati Anant (T.Y)	<u>B. Anant</u>
119	Hardik Patil (T.Y)	<u>H. Patil</u>
120	Rayate Komal Vijay (T.Y)	<u>K. Rayate</u>
121	Patil Vaishnavi (T.Y-I)	<u>V. Patil</u>
122	Pawar Dhruva Sanjay (T.Y)	<u>D. Pawar</u>
123	Karwar Pravin (T.Y)	<u>P. Karwar</u>





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66	saurabh Naik	T.Y	
71	Anvay More	T.Y	
53	Sarthak Darrade	T.Y	
60	Garje Am	T.Y	
76	Atharv Nagpure	T.Y	
77	Ahira Kumbhar	T.Y	
78	Akshay Ganshi	T.Y	
79	Bhagwat Anant	T.Y	
33	Kardik Patil	T.Y	
35	MAYUR SHIRKE	FINAL	
118	Patil Swarnaj	Final Year	
94	Tejas Gathal	Final year	
1	Adarsh. M. Surve	Final year	
83	siddharth vinay kate	F.Y	
123	Mahadeo V. Wagh	T.Y.	
116	Aditya Kulkarni	T.Y.	
117	Vishal Patil	T.Y.	
118	Omkar Rathwat	T.Y.	
103	Rohit Agle	T.Y.	
55	Narade Vinod	T.Y	
94	Pratik Khudangale	T.Y	
120	Omaj Todkar	F.Y	
92	Tijas Ichandare	F.Y	
114	Itesh Patil	F.Y	
01	Pravin Karwar	T.Y	





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5.1.4.

C - Details of programs for Career Counselling



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Students benefitted by Career Counselling

Sr. No.	Date	Name of the Career Counselling Activity	Name and Affiliation of Resource Person	The number of students participated
a.	16-01-2023-19-01-2023	Induction Program	Dr. V.G.Bhamare, Associate Professor KKWCOF	102
b.	20-12-2022	Popular destination for studying abroad	Dilpreet Kaur, Shilpa Ssebstan	202
c.	02-12-2022	Guidance on GPAT-NIPER preparation and strategies	Ms. Pratiksha Jadhav, Alumni of KKWCOF	43
d.	15-11-2022	Creating effective resume	Ms.Komal Bhansali, Verbal faculty T.I.M.E. institute nashik	159
e.	09-11-2023	Healthcare Management-retrospective and opportunities.	Dr.Rohan Kesarkar Assistant professor, Welingkar Education mumbai	62
f.	05-11-2022	Guidance on Interview & soft skills	Mr. Komal Samore Mylan laboratories, Alumni of KKWCOF	40
g.	05-11-2022	Guidance on Documentation in quality assurance	Mr. Vaibhav Jadhav, Alumni of KKWCOF	60
h.	02-11-2022	Guidance on NIPER preparation and strategies	Ms. Kajal Warungase, Alumni of KKWCOF	55
i.	11-10-2022	Insight to career in regulatory framework of pharmaceuticals	Ms. Vandana Barve, Ms. Madhavi Arekar Co- founder of pacific Institute of Pharmaceutical management, nashik	70



Induction Programme Report 2022-23 for F.Y and D.S.Y. B.Pharm Students

K.K. Wagh College of Pharmacy hosted the Induction Program, a unique fusion of specially organized academic and non-academic activities, to nurture, shape and strengthen pharmacy entrants for the days to come. The four days Programme (16 Jan – 19 Jan 2023) conducted by the team of faculties of the institution. Total 136 students participated enthusiastically and benefited from the program.

The students were provided the brief view of various dimensions of pharmacy and the career opportunities in the field and the systems and procedures of the college to ease their changeover to the pharmacy course

Objectives of Program

1. To help the pharmacy students adjust and feel comfortable in the new academic environment
2. To furnish students with the culture of the institution
3. To promote holistic development through the exposure of wide range of curricular, co-curricular and extracurricular activities
4. To help newcomers build progressive and emotional bonds with peers and faculty members
5. To help them explore academic interest and goals for excellence in academics

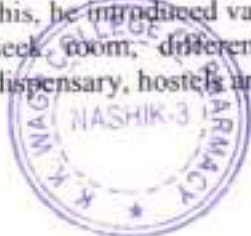
Day 1 (16 Jan 2023)

The induction program commenced on 16th of January 2023 with a warm welcome of the students by the staff members. Mrs. Deepali Kadam welcomed and enlightened Course Curriculum, Exam System, Marking System, CAS, Tutorials, Sessional Exam, and Practical's. She also presented the previous result analysis and track record of the college in the region. The detailed examination scheme, credit and grading system, rules related to internal and university examination were explained to the students. The doubts of the students were satisfactorily addressed during the session.

During the second session, Dr. Vaibhav Bhamre discussed with the students the detailing of B. Pharm first year syllabus, various subjects, marks scheme, importance of attendance and discipline of college etc. Dr. Vaibhav Bhamre also spoke about various affiliation of the college like Pharmacy Council of India, All India Council for Technical Education, Directorate of Technical Education, and Dr. Babasaheb Ambedkar Technological University. Moreover, he also explained the significance of these affiliations to the institute and students present. Entrants were well informed about the difference between academic culture in college and study culture in school. They were appealed to acquire etiquettes, sense of grooming, and professional ethics.

In the third session, Mr. Saurabh, RJ, RED FM explained the various ways to manage stress with the help of different fun activities. He demonstrated the students how to react and manage self-behavior in stress. He also discussed the ways to improve their concentration.

In the fourth session of the day, Mr. M.G. Shinde took students for college and campus tour. In this, he introduced various facilities available in college and campus like common room, library, seek room, different classrooms and laboratory, gymkhana, canteen, playground, bank, dispensary, hostels and mess.





Day 2 (17 Jan 2023)

On the second day of the Induction Programme, Mrs. Swati Pawar, Sr. technical assistant, KKWIEER, Nashik explained the importance laboratory safety as well as safety measure to be taken care of while performing practicals in laboratories. She also discussed the ways to maintain hygienic condition in laboratories.

Dr. Pramod Shabadkar, TPO, KKWIEER enlightened training and placement cell and its objectives to the students. The clear message was given to the students that knowledge, personality; communication skill is the key to success in the professional life. The students were motivated to acquire these skills during the course.

Mrs. K. P. Baviskar introduced students with their respective mentors and explained the mentor policy.

In the fourth session, Mr. Sarang Naik, Sports Director, KKWES, detailed students about different physical health and related facilities provided by the college in campus. He also explained the importance of good physical health and ways to maintain it. With examples of different sports personalities he gave roadmap for an ideal daily routine.





Day 3 (17 Jan 2023)

Principal, Dr. D.D. Patil, welcomed all the students. Principal Sir gave a quick overview of the college, as well as the many activities that the college has to offer to students. He discussed the value of honesty, enthusiasm, and devotion in student life, as well as how to apply them to attain goals.

Thereafter an Oath ceremony was conducted in which Mrs. Sayali Kulkarni, gave pharmacist oath to students. This was followed by a session by Dr. S. Y. Kute on 'Beyond Syllabus Towards Life' in which he asked students to experience life beyond syllabus by detailing various necessary skill that was identified by World Economic forum and ways to solve complicated problems and task.

In last session, Student Council members took activities and games for students.





Day 4 (19 January 2023)

First Session was engaged by Mrs. Archana Deshmukh, Counselor and Free Lance Trainer gave a thought on Gender Sensitization. She explained to the students the true sense of gender equality and that no task is to be done by particular gender only, infact it can be done by either male or female. She also explained that nowadays, females are not inferior to males, but they are standing equally with males.

In second session, Dr. Pratibha Chandak explained the necessity of profile development. She also went over the dos and don'ts for students to follow, as well as important points to be included in their resume. Dr. Pratibha Chandak commented on Life Management Skills. She also discussed the importance of psychological well-being in academics.

In last session of program, Dr. Nilesh Jejurkar, Psychiatrics, Civil Hospital, detailed students about various stresses and need to manage that stress. Importance of healthy lifestyle and how one should respect parent and elders.





S.B. Jadhav & S.N. Kulkarni
S.B. Jadhav & S.N. Kulkarni
 Programme Co-ordinator

A. Bede
Dr. A. P. Bede
 Academic In Charge

Dr. D. D. Patil
Dr. D. D. Patil
 Principal





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Report on Webinar on

"Popular Destinations for Studying Abroad"

Date: 20/12/2022

Time: 02.00 pm to 03.00 pm

Venue: online mode

Resource persons:

1. Dilpreet Kaur
2. Shilpa Sebastian

Objective of the Program: To provide inputs about different foreign countries and their processes for higher education.

Audience: Third year B. Pharm and Final year B. Pharm students (Total no: 202)

Keynotes by speaker:

The speaker has introduced about various countries providing world class education. Looking to the matter of courses available in regulation to academic structure of each country detail outline was given regarding degrees offered and associated career opportunities. The special emphasis was made in relation to the Bachelor of Pharmacy course and future perspectives in abroad.

Speakers have given brief idea about the destination matrix in different countries, admission procedures, duration of course and probable expenses to be incurred.



Vision: To develop the institute as a global brand, imparting quality education in the pharmacy field, thereby, creating competent and expert pharmacists ready to serve the healthcare industry and society.

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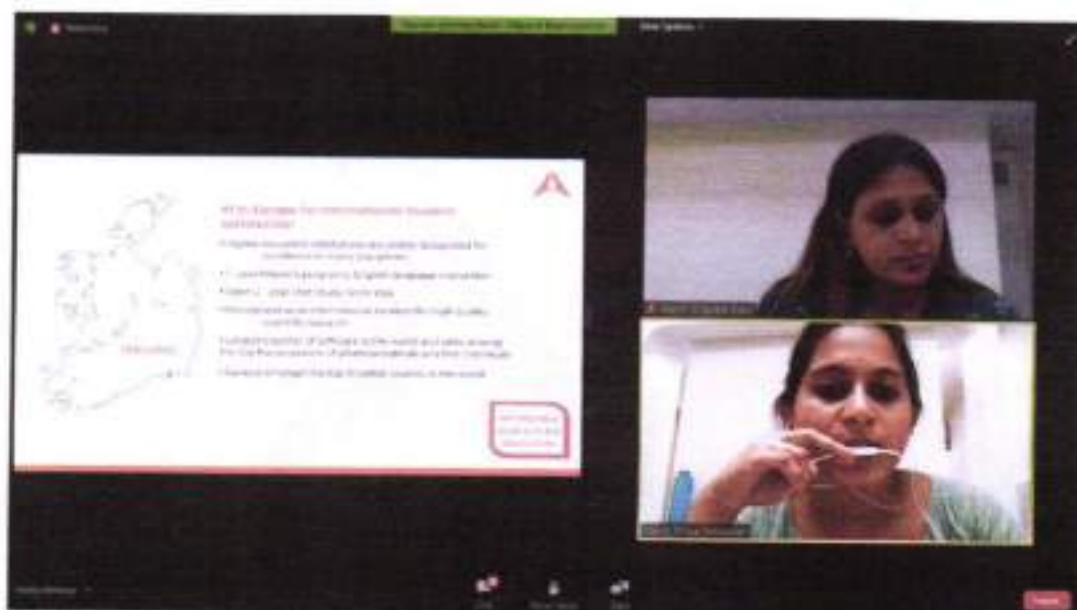
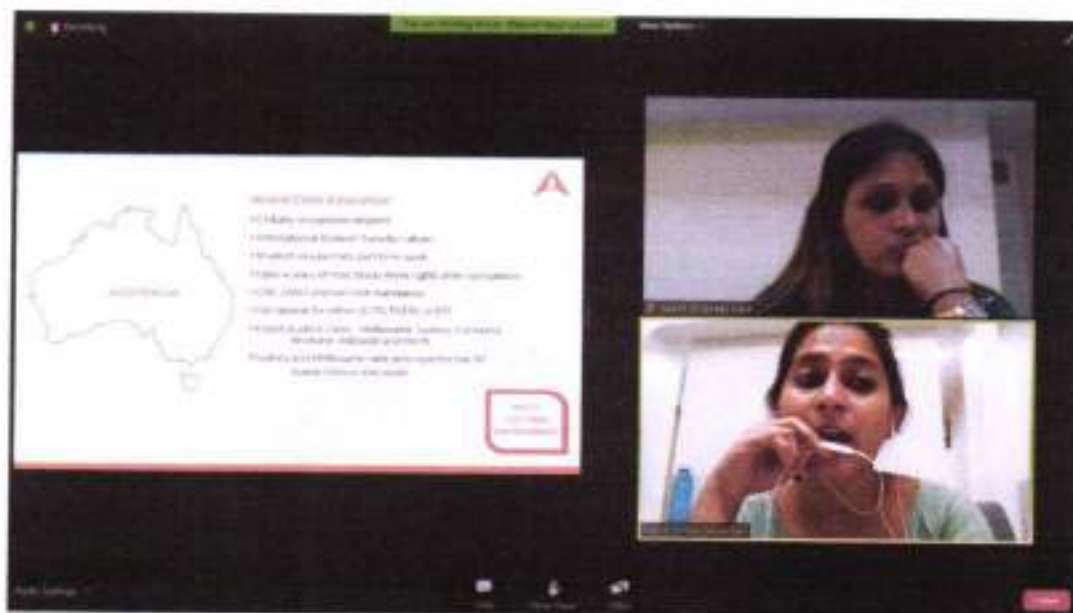
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Photographs



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K. K. WAGH COLLEGE OF PHARMACY

(B. Pharmacy and D. Pharmacy)

Hirabai Haridas Vidyasagari, Amrutdham, Panchavati, Nashik – 422 003.

(Affiliated to Dr. Bahasaheb Ambedkar Technological University, Lonere, MSBTE, Mumbai & Approved by PCI, New Delhi)

DESTINATION MATRIX

Sl. No.	Course	Year	Destination	Destination & Placement	Destination & Placement
1	B. Pharm.	1 st Year	100	100	100
2	B. Pharm.	2 nd Year	100	100	100
3	B. Pharm.	3 rd Year	100	100	100
4	B. Pharm.	4 th Year	100	100	100
5	B. Pharm.	5 th Year	100	100	100
6	B. Pharm.	6 th Year	100	100	100
7	B. Pharm.	7 th Year	100	100	100
8	B. Pharm.	8 th Year	100	100	100
9	B. Pharm.	9 th Year	100	100	100
10	B. Pharm.	10 th Year	100	100	100

Types of Masters in Pharmacy

- MSc in Biopharmaceutical Development (Industrial Placement)
- MSc in Pharmaceutical Analysis
- MSc in Industrial Pharmaceutics
- MSc in Pharmaceutical Science with Management studies

Vision: To develop the institute as a global brand, imparting quality education in the pharmacy field, thereby, creating competent and expert pharmacists ready to serve the healthcare industry and society.

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Career Opportunities in Pharmacy

- Academia or Research
- Hospital Pharmacist
- Community Pharmacist
- Regulatory Affairs Officer
- Pharmacologist
- Clinical Research Associate
- Research Scientist (medical)
- Product/process Development Scientist

S. B. Jadhav
TPO -member

Dr. V.G. Bhamare
TPO Co-ordinator

Dr. D. D. Patil
Principal



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Report on a Guidance on “GPAT and NIPER Preparation and strategies”

- **Title-** “GPAT and NIPER Preparation and strategies”
- **Date** – 02 November 2022
- **Venue-** K. K. Wagh College of Pharmacy, Nashik
- **Resource Person-** Ms. Pratiksha Jadhav, Student at NIPER Ahmedabad and Alumni, K. K. Wagh College of Pharmacy, Nashik
- **Objective of the Program-** The objective of program was to guide students on various strategies and schedule speaker followed to crack GPAT and NIPER
- **Outcome of Program** - The participants of the program got elaborate information regarding how to prepare for GPAT And NIPER, what are advantages, further scope, etc. The program proved useful as it helps students to get clarity on various doubts about this examination.



Varsha
Alumni Co-ordinator

Varsha N. Tambe



[Signature]
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Certificate of Appreciation

This certificate is Presented to

Ms. Partiksha Jadhav

Guest Speaker

For shearing his/her valuable knowledge as a guest speaker on 02 November of the year 2022.

On topic entitled: "GPAT and NIPER Preparation and strategies"


Ms. V.N. Tambe
Alumni Co-Ordinator




Dr. D.D. Patil
Principal



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Report on Expert Session on

"Creating effective resume"

Date: 15/11/2022

Time: 02.00 pm to 03.45 pm

Venue: Seminar Hall, K. K. Wagh College of Pharmacy, Nashik.

Resource persons:

Miss. Komal Bhansali, (Verbal Faculty, T.I.M.E. Institute, Nashik)

Objective of the Program: To highlight necessary actions to be taken for the creation of eye catching resume.

Audience: Second Year D. Pharmacy, Third year B. Pharmacy and Final year B. Pharmacy students (Total no: 159)

Keynotes by speaker:

The speaker has elaborated the difference between CV, resume and biodata. She has asked everyone to identify the requirement and prepare the draft accordingly. In her session she has emphasized about the do's and Don'ts's in resume particularly about the non-technical part of resume. Speaker has elaborated about the process through which resume can help you to be in line of recruitment. The formats, important points, length, disclaimers being an integral part of resume were discussed in brief.



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Report on Expert Session on

“Healthcare Management – Retrospect and opportunities”

Date: 09/11/2022

Time: 11.00 am to 01.00 pm

Venue: Seminar Hall, K. K. Wagh College of Pharmacy, Nashik.

Resource persons:

1. **Dr. Rohan Kesarkar** (Assistant Professor, Welinkar Education, Mumbai)

Objective of the Program: To create awareness about the course named Healthcare management, eligibility for the course, any qualifying examination and further opportunities upon completion of the course.

Audience: Third and final year B. Pharmacy students (Total no: 62)

Keynotes by speaker:

The speaker has introduced about the emerging field named Healthcare Management as a growing industrial sector anticipated seeing a growth of 22% in the decade. Healthcare management is also referred to as a healthcare administration, is the administration, management or oversight of healthcare systems, public health systems, hospitals and medical facilities, he added. Dr. Rohan cleared the doubts about the eligibility for the course saying any candidate who has completed bachelor's level programme is eligible for this course. In his session he emphasized about the opportunities after an healthcare management course as Health administrator, Assistant health manager/administrator, Clinical research manager, Social media directors, Nursing home administrators, Clinical manager, Health information managers. This position may concentrate on a specific area, such as:

Government relations, Finance, Human resources, Nursing administration, Medical staff relations, Patient care services

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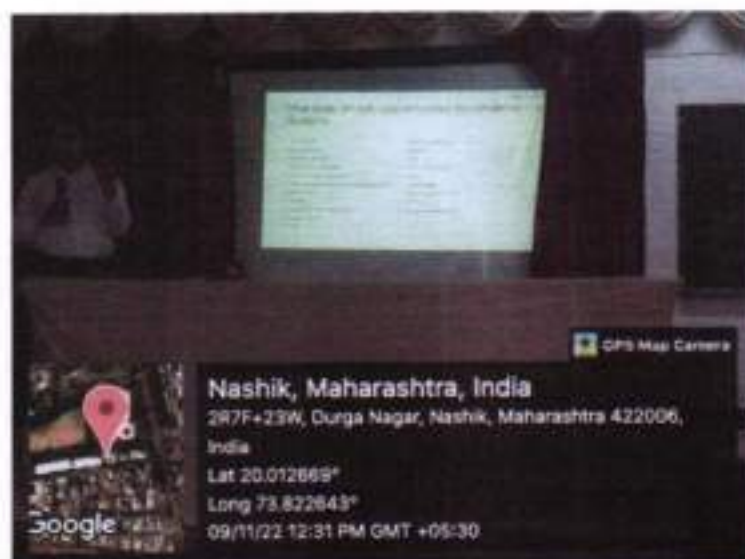
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S. B. Jadhav
T & P - member


Dr. V.G. Bhamare
TPO


Dr. D. D. Patil
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Report on a Guidance on "Interview and Soft Skills"

- **Title-** "Interview and Soft Skills"
- **Date** – 05 November 2022
- **Venue-** K. K. Wagh College of Pharmacy, Nashik
- **Resource Person-** Ms. Komal Samore, Working in Mylan Laboratories, Ltd and Alumni, K. K. Wagh College of Pharmacy, Nashik
- **Objective of the Program-** The objective of program was to guide students on soft necessary to crack interview.
- **Outcome of Program** - The participants of the program got elaborate information regarding interview process and various soft skills required while working in industries.



Varsha N. Tambe
Alumni Co-ordinator

Varsha N. Tambe

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Certificate of Appreciation

This certificate is Presented to

Mr. Komal Samore

Guest Speaker

For shearing his/her valuable knowledge as a guest speaker on 05 November of the year 2022.

On topic entitled: "Interview and Soft Skills"


Ms. V.N. Tambe
Alumni Co-Ordinator




Dr. D.D. Patil
Principal





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Report on a Guidance on "Documentation in Quality Assurance"

- **Title-** "Documentation in Quality Assurance"
- **Date** – 05 November 2022
- **Venue-** K. K. Wagh College of Pharmacy, Nashik
- **Resource Person-** Mr. Vaibhav Jadhav, Working in QA Documentation, Mylan Laboratories, Ltd and Alumni, K. K. Wagh College of Pharmacy, Nashik
- **Objective of the Program-** The objective of program was to guide students on nature of work done in Quality Assurance department, how to document work, etc
- **Outcome of Program** - The participants of the program got elaborate information regarding nature of documentation, guidelines to be followed while doing documentation, etc



Varsha N. Tambe

Alumni Co-ordinator

Varsha N. Tambe

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Certificate of Appreciation

This certificate is Presented to

Mr. Vaibhav Jadhav

Guest Speaker

For shearing his/her valuable knowledge as a guest speaker on 05 November of the year 2022.

On topic entitled: "Documentation in Quality Assurance"


Ms. V.N. Tambe
Alumni Co-Ordinator




Dr. D.D. Patil
Principal





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Report on a Guidance on “NIPER Preparation and Strategies”

- **Title-** “GPAT and NIPER Preparation and strategies”
- **Date** – 02 November 2022
- **Venue-** K. K. Wagh College of Pharmacy, Nashik
- **Resource Person-** Ms. Kajal Warungase, Student at NIPER and Alumni, K. K. Wagh College of Pharmacy, Nashik
- **Objective of the Program-** The objective of program was to guide students on various strategies and admission procedure in NIPER.
- **Outcome of Program** - The participants of the program got elaborate information regarding how to prepare for NIPER, what benefits of NIPER, etc.



Varsha N. Tambe
Alumni Co-ordinator
Varsha N. Tambe

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Ms. Kajal Warungase

Guest Speaker

For shearing his/her valuable knowledge as a guest speaker on 02 November of the year 2022.

On topic entitled: "NIPER Preparation and Strategies"


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Alumni Co-Ordinator




Dr. D.D. Patil
Principal





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Report on Expert Session on

"Insights to Career in Regulatory framework of Pharmaceuticals"

Date: 11/10/2022

Time: 11.30 am to 01.00 pm

Venue: Seminar Hall, K. K. Wagh College of Pharmacy, Nashik.

Resource persons:

1. **Miss. Vandana Barve Aher** (Founder and Director, Pacific Institute of Pharmaceutical Management Nashik)
2. **Miss. Madhavi Arekar** (Co-founder Pacific Institute of Pharmaceutical Management Nashik)

Objective of the Program: To explore the comprehensive understanding of the regulatory framework of pharmaceuticals and explore the strategies for dossier applications and also learn the exclusive quality assurance methodologies.

Audience: Final year B. Pharmacy students (Total no: 70)

Keynotes by speaker:

The speaker has provided insights of regulatory affair with special emphasis on bridging the gap between industry and academic. Miss Vandana has specified role of quality assurance in every dimension of regulation framework of pharmaceuticals. The significance and functions of regulatory affairs department was discussed briefly. Miss. Madhavi has overviewed about the dossiers, common technical documents and their modules. Miss Vandana has enlighten the scope in management of Product quality review process, risk management process, corrective action system and preventive action system. Miss. Madhavi has elaborated regulated market (US, EU and MCC) and semi regulated market (rest of the world).



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KAKESHWAR WAGH**



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imparting quality education in the
pharmacy field, thereby, creating
competent and expert pharmacists ready to
serve the healthcare industry and society.

SCHEDULE
Tuesday, 11th October 2022, 11.30 am

Expert Talk on

Insights to Career in Regulatory framework of Pharmaceuticals

EMINENT SPEAKERS



Miss. Vandana Barve-Aher
Founder and Director



Miss. Madhavi Arekar
Co-Founder

PACIFIC INSTITUTE OF PHARMACEUTICAL MANAGEMENT, NASHIK

PATRON

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Dr. R. A. Patil
Principal,
K. K. Wagh COP Nashik

CO-ORDINATOR

Dr. V. G. Bhamare
Training and placement officer
Associate Professor (Pharmaceutics)



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