

ADITYA COLLEGE OF PHARMACY

IVB.PHARMACY(SEC-A) I SEMESTER (2024-2025)

GPAT EXAMINATION -

Sub: *Pharmaceutical Technology*

Date: *29/7/24*

S.No.	Reg.No.	NAME OF THE STUDENT	Signature of the Student
1	193H5R0001	CHOKKA YESTERU RANI	<i>Ch. Yesteru Rani</i>
2	213H1R0001	AISHWARYA DANDUBOYINA	<i>Absent</i>
3	213H1R0002	AKONDI SAI LAHARI	<i>Lahari</i>
4	213H1R0003	BALANAGU DINESH VENKAT RAJU	<i>Dinesh</i>
5	213H1R0004	BOKKA DEEPTHI	<i>Deepthi</i>
6	213H1R0005	BONTHU SUPRIYA	<i>Supriya B</i>
7	213H1R0006	BURGULA LAKSHMI PRASAD	<i>Absent</i>
8	213H1R0007	CHEEPURUPALLI BHUVANESWARI	<i>Bhuvaneswari</i>
9	213H1R0008	CHEPURI NAGA LAKSHMI	<i>Naga Lakshmi</i>
10	213H1R0009	CHINTHA LOKESH KUMAR	<i>Absent</i>
11	213H1R0010	DASI LAKSHMI JAYASRI	<i>Jayasri</i>
12	213H1R0011	DEVAVARAPU VIJAYA LAKSHMI	<i>Vijaya Lakshmi</i>
13	213H1R0012	GANGIREDDY RAGA SUREKHA	<i>Surekha</i>
14	213H1R0013	GEDDAM NAGA MAHITHA	<i>Mahitha</i>
15	213H1R0014	GUTTIMDEEVI AISWARYA	<i>Absent</i>
16	213H1R0015	JANGAM NOOKARATNAM	<i>J. Nookaratnam</i>
17	213H1R0016	JANIPATI PRASHANTHI	<i>Prashanthi</i>
18	213H1R0017	JOGI SAI SIVA	<i>Siva J</i>
19	213H1R0018	KADALI HIMA SRI	<i>Hima K</i>
20	213H1R0019	KARIMSETTI RAJESH	<i>Rajesh</i>
21	213H1R0020	KARINGI BHARATHI	<i>K. Bharathi</i>
22	213H1R0021	KATTA SWAPNA MADHURI	<i>Absent</i>
23	213H1R0022	KOLUTURI KAVYA SRI	<i>Kavya Sri K</i>
24	213H1R0023	KUCHIBHOTLA GAYATHRI SRI NAGA PRANATHI	<i>K. G. S. N. Pranathi</i>
25	213H1R0024	KUMPATLA UMA SRI LAKSHMI	<i>U. Sri Lakshmi</i>
26	213H1R0025	LANKA SIDDU	<i>Siddu</i>
27	213H1R0026	MALLA RAVISYAMALA	<i>M. Syamala</i>
28	213H1R0027	MEDA KIRAN KUMAR	<i>M. Kiran</i>
29	213H1R0028	MOGALLAPU SWAPNA	<i>Swapna M.</i>
30	213H1R0029	MOHAMMAD SHAHUL	<i>Absent</i>

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1.Welding of the aerosols containers is done by

- a. Isopiestic system b. Soudronic system
c. Vaccum system d. Ultrasonic system

The correct answer is:Soudronic system

2.One of the following is used as a PH dependent controlled release excipient

- a. Glycerylmonostearate b. HPMC pthalate
c. Methyl cellulose d. Carnauba wax

The correct answer is:HPMC pthalate

3.The underside of the mounting cup is coated with

- a. Copper b. Chromium c. Naphthyl d. Epoxy

The correct answer is:Epoxy

4.The rate of release of drugs from inert matrix system has been derived by

- a. Meyer b. Bruner c. Higuchi d. Martin

The correct answer is:Higuchi

5.The dosage which rises immediately the plasma concentration to peak level is

- a. Maintenance dos b. Therapeutic dose
c. None of the above d. Loading dose

The correct answer is:Loading dose

6.The valve used for the water-based aerosol is

- a. Aquasol b. Aquafina c. Aquacoat d. Aqua

The correct answer is:Aquasol

7.In which micro encapsulation process, shellac is not used as a coating material

- a. Air suspension b. Solvent evaporation

- a. Enteric coated tablets b. Multi layered tablets
- c. Sustained action tablets d. Multicompressed tablets

The correct answer is:Sustained action tablets

16.Freon 12 is chemically

- a. Dichloro difluoro methane b. Monochloro difluoro methane
- c. Monochloro mono fluoro methane d. Dichloro mono fluoro methane

The correct answer is:Dichloro difluoro methane

17.The technique followed for depot formulation

- a. None of the above b. Solubilization
- c. Encapsulation type d. Dissolution controlled

The correct answer is:Dissolution controlled

18.Propellant used in aerosols is

- a. All b. Trichloro mono fluoro methane
- c. Dichloro tetra fluoroethane d. Dichloro difluoro methane

The correct answer is:All

19.Microencapsulation in relatively large particles is generally applied by the method is

- a. Pan coating b. Spray drying spray congealing
- c. Wurster process d. Coacervation phase separate

The correct answer is:Pan coating

20.Depot formulations are also known as

- a. Stored drugs b. Slow Release preparation
- c. Insufflations d. Fast Release preparations

The correct answer is:Slow Release preparation

21.The micro encapsulated products are available as

- a. Dry powders b. Capsules c. All d. Tablets

The correct answer is:All

22.The term Psig is reference to aerosols means

d. To prevent fine particle size

The correct answer is: To prevent clogging of valve with insoluble materials

29. The Process commonly employed in the microencapsulation of liquid flavors to yield dry, free flowing powders which are used in food and pharmaceuticals is

- a. Air suspension b. Multiorifice process
- c. Spray drying & Spray congealing d. Coacervation phase separation

The correct answer is: Spray drying & Spray congealing

30. The method which is not useful for coating of liquid is

- a. Solvent evaporation b. Spray congealing
- c. Multiorifice d. Air suspension

The correct answer is: Air suspension

31. The principles involved in sustaining the release of drug from the sustained released product based on dosage form modification are

- a. Barrier principle b. Embedded matrix
- c. Drug adsorption d. Pro drug formation

The correct answer is: Barrier principle

32. The micro encapsulation technique that is used for coating of micron and submicron particles is

- a. Coacervation phase separation
- b. Multiorifice centrifugal action
- c. Air suspension
- d. Pan coating

The correct answer is: Air suspension

33. All of the following materials are used to construct the aerosol container, except

- a. Tinplated steel b. Glass c. Aluminium d. Copper

The correct answer is: Copper

34. The density of an aerosol system is determined by

- a. Voltameter b. Hydrometer
- c. Bubble soap meter d. Psychrometer

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SUB: Pharmaceutical Technology		DATE: 29.07.2024		
ROLL NO	NAME OF THE STUDENT	Completed	Time taken	Grade/100.00
213H1R0037	PUTTA NAGA DIVYA	29 July 2024 10:57 AM	14 mins 45 secs	50
213H1R0050	YALLA POOJA ALEKHYA	29 July 2024 10:51 AM	8 mins 32 secs	38
213H1R0015	JANGAM NOOKARATNAM	29 July 2024 10:56 AM	13 mins 4 secs	24
213H1R0049	YALAMATI CHARMY SRI SIVANI	29 July 2024 11:04 AM	18 mins 28 secs	42
213H1R0022	KOLUTURI KAVYA SRI	29 July 2024 11:12 AM	26 mins 5 secs	42
213H1R0041	SANA SAI	29 July 2024 10:56 AM	2 mins 53 secs	26
213H1R0034	PILLI LAKSHMI SUREKHA	29 July 2024 11:00 AM	2 mins 41 secs	44
213H1R0017	JOGI SAI SIVA	29 July 2024 11:02 AM	4 mins 29 secs	24
213H1R0019	KARIMISETTI RAJESH	29 July 2024 11:05 AM	2 mins 54 secs	32
213H1R0007	CHEEPURUPALLI BHUVANESWARI	29 July 2024 11:07 AM	2 mins 24 secs	20
213H1R0018	KADALI HIMA SRI	29 July 2024 11:15 AM	9 mins 50 secs	44
213H1R0003	BALANAGU DINESH VENKAT RAJU	29 July 2024 11:09 AM	1 min 54 secs	34
213H1R0024	KUMPATLA UMA SRI LAKSHMI	29 July 2024 11:11 AM	2 mins 30 secs	36
213H1R0035	PITLA LAVANYA	29 July 2024 11:14 AM	3 mins 9 secs	22
ESTHER RANI	CHAKKA	29 July 2024 11:23 AM	11 mins 59 secs	34
213H1R0001	AISHWARYA DANDUBOYINA	29 July 2024 11:16 AM	2 mins 49 secs	20
213H1R0026	MALLA RAVISYAMALA	29 July 2024 11:24 AM	7 mins 4 secs	90
213H1R0005	BONTHU SUPRIYA	29 July 2024 11:22 AM	4 mins 29 secs	62
213H1R0033	PALAGANI SATYA PRAVEEN	29 July 2024 11:20 AM	2 mins 28 secs	24
213H1R0028	MOGALLAPU SWAPNA	29 July 2024 11:27 AM	8 mins 29 secs	34
213H1R0047	VITTANALA DIVYA POOJITHA	29 July 2024 11:21 AM	2 mins 26 secs	26
213H1R0029	MOHAMMAD SHAHUL	29 July 2024 11:22 AM	1 min 52 secs	34
213H1R0039	SADI VASANTHA LAKSHMI	29 July 2024 11:25 AM	3 mins 46 secs	36
213H1R0048	VURADASU NAVYA LATHA	29 July 2024 11:25 AM	2 mins 19 secs	22

S.no	Staff Name	Employee ID	Subject Name	Semester - Branch - Section	Total Studetns	Total Percentage
1	KAMMA KEERTHI SAI	5081	Industrial PharmacyII - Theory	PHARMACY- 7- A	49	83.46
2	KRUTHIVENTI SAI PRIYANKA	5300	Instrumental Methods of Analysis - Theory	PHARMACY- 7- A	49	76.32
3	KRUTHIVENTI SAI PRIYANKA	5300	Instrumental Methods of Analysis - Practical	PHARMACY- 7- A	49	77.29
4	PRASANTHI PAKALAPATI	5393	Industrial PharmacyII - Theory	PHARMACY- 7- B	49	83.46
5	SREE GEETHA ADATHAKULA	5576	Instrumental Methods of Analysis - Theory	PHARMACY- 7- B	49	90.91
6	SREE GEETHA ADATHAKULA	5576	Instrumental Methods of Analysis - Practical	PHARMACY- 7- B	49	93.62
7	MISS.BHEEMIREDDY NIHARIKA	5952	Pharmacy Practice - Theory	PHARMACY- 7- A	49	88.16
8	MISS.BHEEMIREDDY NIHARIKA	5952	Pharmacy Practice - Theory	PHARMACY- 7- B	49	79.89
9	DR. J ANU PRAVALLIKA	5984	Novel Drug Delivery System - Theory	PHARMACY- 7- A	49	79.59
10	MADHAVI LATHA SAMALA	5985	Novel Drug Delivery System - Theory	PHARMACY- 7- B	49	86.53