

(Deemed to be University under section 3 of the UGC Act 1956)

Pharmacy

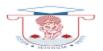
Instructions / Note:

- 1. Answer all the questions. Each question carries one mark.
- 2. No negative marks for wrong answers.
- 3. Read each question carefully and answer in the OMR sheet provided for each question with only blue/ black pen to fill the circles in the OMR Sheet.
- 4. Return the question paper along with the OMR sheet.

Time: 90 Minutes	
Venue:	[35X1=35]

Part -B

- 1. The identical groups are present on opposite sides is called as
- a. Dextro isomer
- b. Cis isomer
- c. Trans isomer
- d. Optical isomer
- 2. The General Formula for alkane is
 - a. C_nH_{2n+2}
- b. C_nH_{2n-2}
- c. C_nH_{2n}
- d. C_nH_{2n+1}
- 3. In Modified Volhards method -----is added to coagulate the silver chloride precipitate
 - a) Benzene
 - b) Nitro benzene
 - c) Benzoic acid
 - d) Phenol
- 4. Copper sulphate can be assayed by the following method
 - a) Redox
 - b) Modified Volhard
 - c) Precipitation
 - d) Complexometric



- 5. The type of hybridization occurs in alkane is
 - a) SP
 - b) SP²
 - c) SP³
 - d) SP⁴
- 6. If an unsymmetrical alkene combines with a hydrogen halide, the halide ion adds to the carbon atom with fewer hydrogen atoms" is known as
- a) Hoffman rule
- b) Saytzeffs rule
- c) Markovnikov's rule
- d)Anti-Markovnikov's rule
- 7. The fatty acids in the body are mostly oxidized by
- a. α oxidation
- b. ω- oxidation
- c. β-oxidation
- d. γ- oxidation
- 8. Which of the following chemical is known to affect ATP formation in electron transport chain?
- a) Cyanide
- b) Malonate
- c) 2,4 dinitrophenol
- d) Rotenone
- 9. The most stable conformation of cyclohexane is the
- a) Haworth form
- b) Boat form
- c) Chair form
- d) Newman form
- 10. Sodium and potassium salts of fatty acids are called
- a) Protein
- b) Terpenes
- c) Carbohydrates
- d) Soaps
- 11. Chloramphenicol is mainly synthesized from
- a. o-nitro actophenone
- b. m-nitro actophenone
- c. P-nitro actophenone
- d. Nitroaniline



a. b. c.	2. Amoxixillin is a ¬¬¬ Beta lactam Polypeptide Macrolide Tetracyclines	_ type of antibiotic
a) b) c)	E. Clinical trial IV is known a Proof of concept study Post marketting surveillance Toxicity studies Tweaking study	
a)b)c)	Hammets substituent const Steric parameter Electrostatic parameter Hydrophobicity parameter Hydrogen bond parameter	atnt is what kind of parameter
a) b) c)	Churna is Powder Tablet Ointment Lotion	
a) b) c)	i. Retention factor is the term HPLC GC Flash Chromatography None of the above	associated with
a) b) c)	The Alkaloids and Flavono Metal ions P-glycoproteins Enzymes Lipids	oids forms precipitate with in
h(a) b) c)	3. Applications are made in comeopathic medicines? 24C 47B 20B 20D	Form for manufacturing

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- 19. Ion exchange chromatography is based on the
- a) Electrostatic attraction
- b) Electrical mobility of ionic species
- c) Adsorption chromatography
- d) Partition chromatography
- 20. The phenomenon of concentrations of molecules of a gas or liquid at a solid surface is called
- a) absorption
- b) adsorption
- c) catalysis
- d) none of these
- 21. Oil and water may be separated by using
- a) A filter funnel
- b) Chromatography paper
- c) A separating funnel
- d) Condenser
- 22. Biscuit packet contains nitrogen not air. The nitrogen used is obtained from air by
- a) fractional distillation
- b) fermentation
- c) desalination
- d) nanotechnology
- 23. Potentiometry consists of measuring the
- a) pH
- b) Electromotive force
- c) Valency of ions
- d) Potency
- 24. Llkovic equations in polarography relates to
- a) Migration current
- b) Diffusion current
- c) Residual current
- d) faradic current
- 25. Bentonite is used as
- a) Antidote for heavy metal poison
- b) Astringent
- c) Germicide
- d) Reducing agent

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26. An example for anticoagulanta) Sodium Lactateb) Calcium mandelatec) Sodium citrated) All electrolytes
27. The solidification point of cocoa butter lies between a. $12-13^{\circ}\text{C}$ b. $20-30^{\circ}\text{C}$ c. $5-10^{\circ}\text{C}$ d. $60-70^{\circ}\text{C}$
28. Who is the father of medicinea. Ebersb. Hippocratesc. Egyptiand. Pontus
29. Pharmacy Council of India (PCI) was established in a. 1947 b. 1948 c. 1949 d. 1950
30. Drugs converted to suitable form are known asa. Excipientb. Source of drugc. Dosage formd. API
31. Buffering agent is also called asa. Sweetening agentb. Thickening agentc. pH modifiersd. Wetting agent



32. The prescription is an order written by a registered medical practitioner to		
a. Patient		
b. Pharmacist		
c. Compounder		
d. Nurse		
33. Doses of children's are calculated by Young's formula, which formula is right.		
a. Adult Dose (mg/day) x [Age / (Age+12)]		
b. Adult Dose (gm/day) x [Age / (Age+24)]		
c. Adult Dose (mg/day) x [Wt in Kg / (Age+12)]		
d. Adult Dose (mg/day) x [Wt in Kg / (Age+24)]		
34. The tail of a surfactant molecule is oil-loving or known as?		
a. Hydrophilic		
b. Lipophobic		
c. Lipophilic		
d. Hydrophilic		
35. Term pharmacognosy was first used by German scientist Seydler in his book		
a. Analecta Pharmacognostica		
b. Pharmakon		
c. Gignosco		
d. Adulterant		
C ME O		