



VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM
(Deemed to be University under section 3 of the UGC Act 1956)

Pharmacy

Part –B

(35X1=35)

1. Which of the following a sodium channel blocker?
 - a. Lidocaine
 - b. Phenytoin
 - c. Tocainamide
 - d. Procainamide

2. Which of the following type of antibiotics act by inhibiting protein synthesis?
 - a. Cephalosporins
 - b. Polymixins
 - c. Griseofulvin
 - d. Macrolides

3. The essential trace element present in enzyme carbonic anhydrase inhibitor
 - a. Iron
 - b. Zinc
 - c. Copper
 - d. cobalt

4. The polarity of serine, threonine and tyrosine is due to the presence of
 - a. Hydroxy group
 - b. amide group
 - c. phosphate group
 - d. carboxylic acid group

5. In the Klunge's isobarbaloin test a feeble wine red colour rapidly fading to yellow is given by
 - a. Cape aloes
 - b. Zanzibar aloes
 - c. Socotrine aloes
 - d. Barbados aloes

6. Abietic acid belongs to a class of terpenoids
 - a. Acyclic terpenoids
 - b. Monocyclic terpenoids
 - c. Bicyclic terpenoids
 - d. Tricyclic terpenoids

7. The precursor for the biosynthesis of tropane group of alkaloids is
 - a. Ornithine
 - b. Tyrosine
 - c. Phenylalanine
 - d. Leucine



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8. Gentamycin is used in combination with
- Cloxacillin
 - Oxacillin
 - Carbenicillin
 - Ampicillin
9. The Mantoux test uses
- Diphtheria toxin
 - Polysaccharide antigen
 - Old tuberculin
 - Serum antigen
10. Nosocomial infection is
- An infection affecting the nasal cavity.
 - An infection resulting in coma or death.
 - Hospital acquired infection.
 - Infection caused by retrovirus
11. Ryle's tube is used for
- Urinary catheterisation.
 - Gastric lavage.
 - Rectal enema
 - ECG
12. A satellite pharmacy service is a
- Service offered through satellite communication system.
 - Unit dose dispensing system.
 - Sub pharmacy receiving supplies from the main pharmacy.
 - Services offered for communicable diseases
13. "Lyophilisation" is a method for
- Drying
 - Sterilisation
 - Immunisation
 - Communitation
14. In Percolation process,
- Maceration is followed by percolation.
 - Percolation is followed by maceration.
 - Maceration is not done.
 - Maceration is done before packing inside the percolator.
15. Which of the following is not a microencapsulation technique?
- Coacervation
 - Polymerisation
 - Centrifugation.
 - Fractionation



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16. "Vaccines" provide
- Artificially acquired active immunity
 - Artificially acquired passive immunity
 - Naturally acquired active immunity
 - Naturally acquired passive immunity
17. Which of the following is a test for Alkaloids?
- Keller Killiani test
 - Thalleoquin test
 - Hager's test
 - Bontrager's test
18. Caffeine is an example of ___ alkaloid.
- Indole
 - Purine
 - Pyridine
 - Pyrrole
19. An example of a CYP450 inducer
- Hydrocortisone
 - Amytryptiline
 - Phenytoin
 - Erythromycin
20. Oseltamivir is a structural analog of
- Gallic acid
 - Sialic acid
 - Phosphonates
 - Ellagic acid
21. Eudragit L is
- Poly (methyl acrylic acid, methyl methacrylate) 1:2
 - Poly (methacrylic acid, methyl methacrylate) 1:1
 - Poly (ethyl acrylate and methyl methacrylate) 2:1
 - Copolymer of acrylic acid and methacrylic acid esters with low quaternary ammonium group
22. The monoclonal antibody used to treat acute myeloid leukemia is
- Rituximab
 - Gemtuzumab
 - Daclizumab
 - Trastuzumab



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23. An anticonvulsant which works by inhibiting GABA uptake is
- Lamotrigine
 - Tiagabine
 - Levitracetam
 - Pregabalin
24. Draves test is used for measuring the efficiency of –
- a wetting agent
 - an emulsifying agent
 - a surfactant
 - a humectant
25. In ADR, what are type “D” reactions?
- Due to carcinogenic and teratogenic effects
 - Associated with long – term drug therapy
 - Due to hypersensitivity
 - Due to pharmacological effect of the drug
26. Trifluridine is a/ an _____ drug
- An anti inflammatoiy
 - Antiviral
 - Anti cancer
 - Psychotropic
27. An example of an interleukine is
- LTB₄
 - IFN - γ
 - TNF - α
 - IL - 1 α
28. Mifepristone is a / an –
- Oestrogenic drug
 - Anti progesterone
 - Antioestrogenic
 - Androgen
29. The most common type of analyzer used in MALDI is
- TOF – analyzer
 - MS – analyzer
 - ION – Trap analyzer
 - Quadrupole analyzer



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30. Which, among the following is not a 'vulnerable subjected' as per the ICH – GCP guidelines

- a. Pharmacy student
- b. Homelers person
- c. Person who has undergone a surgery recently
- d. Mentally challenged person

31. Confidentiality in medical research can be breached

- a. When the patient does not listen to the doctor
- b. When the financial resources are scarce and patient is not complaint
- c. When a patient authorizes to do so
- d. For a patient who requires Invasive treatment

32. Paired 't' text is used

- a. for splitting the total variance of data into constituent parts
- b. to test the differences between proportions
- c. to compare two sets of values of same sample taken in two different time periods
- d. to compare the means of two or more than two samples

33. A statement of the expected relationship between two or more variables is known as the

- a. Concept definition
- b. Hypothesis
- c. Problem statement
- d. Research question

34. Which of the following emissions from the decay of radioconuclides is most commonly used in nuclear medicine imaging

- a. X-ray
- b. Beta
- c. Alpha
- d. Gamma

35. A drug used for treatment of neuropathic pain is

- a. Phenytoin
- b. Gabapentin
- c. Valproate
- d. Ethosuximide

