

# Online Assessment (Even Sem/Part-I/Part-II Examinations 2019 - 2020)

Course Name - Pharmaceutical Microbiology

Course Code -MMB204

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Answer all the questions. Each question carry one mark.

9. 1. In transmembrane receptor protein which aminoacid is phosphorylated?

*Mark only one oval.*

- Tryptophan
- Tyrosin
- Methionine
- Alanine

10. 2. Preservative must be

*Mark only one oval.*

- Non-Toxic
- irritant
- Chemically unstable
- Physically unstable

11. 3. High plasma protein binding:

*Mark only one oval.*

- Generally makes the drug long acting
- Increase volume of distribution of the drug
- Minimise drug interactions
- Facilitates glomerular filtration of the drug

12. 4. A prodrug is:

*Mark only one oval.*

- An inactive drug that is transformed in the body to an active metabolite
- The prototype member of a class of drugs
- The oldest member of a class of drugs
- A drug that is stored in body tissues and is then gradually released in the circulation

13. 5. Which of the following routes of administration of drugs is associated with Phlebitis?

*Mark only one oval.*

- Subcutaneous
- Intravenous
- Intraspinal
- Intradural

14. 6. Which of the following drying method is used in pharma industry for drying of soft gelatin capsule?

*Mark only one oval.*

- Vacuum drying
- Truck drying
- Fluid bed drying
- Microwave drying

15. 7. Which water is used for hand washing in change room of pharmaceutical manufacturing plant?

*Mark only one oval.*

- Potable water
- Sterile water
- Purified water
- Soap water

16. 8. Evaluation of colour in tablets is done by

*Mark only one oval.*

- Reflectance spectrophotometer
- Tristimulus colorimeter
- Microreflectance photometer
- All of these

17. 9. Among the given lubricants which is not used in oral tablets

*Mark only one oval.*

- Talc
- Magnesium stearate
- Boric acid
- None of these

18. 10. The disintegration time of the Soft capsules is

*Mark only one oval.*

- 15 minutes
- 30 minutes
- 45 minutes
- 60 minutes

19. 11. The far vacuum ultraviolet region of electromagnetic spectrum ranges from

*Mark only one oval.*

- 10-200 m $\mu$
- 200-400 m $\mu$
- 10-300 m $\mu$
- 10-150 m $\mu$

20. 12. The most commonly used source for UV radiation is

*Mark only one oval.*

- Tungsten filament incandescent
- Hydrogen discharge lamp
- Tungsten iodine lamp
- Quartz –iodine lamp

21. 13. In the tablet coating process, inadequate spreading of the coating solution before drying causes

*Mark only one oval.*

- Orange peel effect
- Mottling
- Blistering effect
- none of these

22. 14. During compression of moisture critical granules a hygroscopic substance used to maintain a proper moisture level is

*Mark only one oval.*

- Sorbitol
- Talc
- Acacia
- Tragacanth



23. 15. Which one of the following is not an example of G-protein coupled receptor?

*Mark only one oval.*

- Nicotinic cholinergic receptor
- Muscarinic cholinergic receptor
- Alpha adrenoceptor
- Beta adrenoceptor

24. 16. Which of the following is a laxative antacid

*Mark only one oval.*

- Mg-salt
- Ca-salt
- Fe-salt
- Al-salt

25. 17. Enteric coating is achieved by using :

*Mark only one oval.*

- Hydroxy propyl methyl cellulose
- Providone
- Cellulose acetate Phthalate
- Carboxy methyl cellulose

26. 18.The Pure Food and drug Act was introduced in the year

*Mark only one oval.*

1906

1930

1950

1940

27. 19. Benzylpenicillin is the chemical name for which of the following penicillin?

*Mark only one oval.*

PenicillinG

PenicillinV

PenicillinF

Phenethicilin

28. 20. A number of subunits in the GPCR receptor:

*Mark only one oval.*

1

2

3

4

29. 21. Streptomyces orientalis produces which of the following antibiotics? Unable to understand others lead to

*Mark only one oval.*

- Cephalosporins  
 Cycloserine  
 Bacitracin  
 Gentamycin

30. 22. Streptomycin is produced by which of the following organisms?

*Mark only one oval.*

- Stretomyces noursei  
 Streptomyces nodosus  
 Streptomyces fradiae  
 Streptomyces griseus

31. 23. Which of the following inhibits protein synthesis by combining with the 50S subunit of the ribosome?

*Mark only one oval.*

- Streptomycin  
 Tetracycline  
 Chloramphenicol  
 Penicillin

32. 24. Which one of the following antibiotics is an example of aminoglycosides?

*Mark only one oval.*

- Tetracycline
- Chloramphenicol
- Bacitracin
- Kanamycin

33. 25. Which of the following drugs can cross BBB?

*Mark only one oval.*

- Penicilin
- Tetracyclin
- Amphetamin
- Chloramphenicol

34. 26. Which of the following drugs has the aVd value of 500 L?

*Mark only one oval.*

- Digoxin
- Chloroquine
- Ethanol
- Gentamycin

35. 27. Example of bactericidal drug is:

*Mark only one oval.*

- Chloramphenicol
- Riphampicin
- Tetracyclin
- Sulphonamides

36. 28. The antibiotic which inhibits the cross linking of adjacent peptides of NAG-NAM is:

*Mark only one oval.*

- Penicilin
- Streptomycin
- Tetracyclin
- Gentamycin

37. 29. What are the number of subunits in nicotine cholinergic receptor?

*Mark only one oval.*

- 5
- 4
- 3
- 2

38. 30. Name the effector group (subunit) of nicotine cholinergic receptor.

*Mark only one oval.*

- Alpha
- Beta
- Theta
- Gamma

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