

University of Mumbai
Semester Theory Examination Second Half 2020
Question Bank
Section I : Multiple Choice Question (MCQ's)

Year/Semester: Second Year B.Pharm/III
Subject: Pharmaceutical Microbiology
Subject Code: **BP303T**

1. Primary stain used in acid fast staining is
 - a. Carbol fuchsin
 - b. Malachite green
 - c. Methylene blue
 - d. Safranin

2. The pure culture technique which is used for anaerobic bacteria is
 - a. Streak plate
 - b. Roll tube
 - c. Pour plate
 - d. Spread plate

3. The methods used for preservation of microorganism in viable condition is
 - a. Autoclaving
 - b. Storage at high temperature
 - c. Vacuum drying
 - d. Lyophilization

4. Which of the following bacteria can grow in acidic pH?
 - a. Lactobacillus acidophilus
 - b. Staphylococcus aureus
 - c. Clostridium perfringens
 - d. Escherichia coli

5. Lysogenic cycle present in
 - a. Reproduction of moulds
 - b. Reproduction of yeast
 - c. Reproduction of viruses
 - d. Reproduction of bacteria

6. How many percent is the efficiency of HEPA filter?
 - a. 99.97
 - b. 88.87
 - c. 90.97
 - d. 97.97

7. Branch of microbiology concerned with the monitoring, control & spread of diseases in communities is called
 - a. Taxonomy
 - b. Epidemiology
 - c. Immunology
 - d. Genetics

8. Two domains to which prokaryotes are classified into are
 - a. Archaea and Eukarya
 - b. Eukarya and Monera
 - c. Bacteria and Protista
 - d. Bacteria and Archaea

9. Comma shaped bacteria are called as
 - a. Cocci
 - b. Bacilli
 - c. Vibrio
 - d. Trichomes

10. In the Rideal Walker test the strain used is
 - a. Escherichia coli
 - b. Salmonella typhi
 - c. Clostridium tetani
 - d. Streptococcus aureus

11. Influenza virus is identified by using
 - a. Embryonated eggs
 - b. Tissue culture method
 - c. Haemagglutinin inhibition test
 - d. Plaque formation

12. Mycobacteria are stained with
 - a. Gram's staining
 - b. Simple staining
 - c. Capsule staining
 - d. Ziehl – Neelsen's staining

13. Cryopreservation is
 - a. Freezing in liquid nitrogen at -196°C
 - b. Freezing in liquid nitrogen at -19°C
 - c. Freezing in liquid nitrogen at -27°C
 - d. Freezing in liquid nitrogen at 196°C

14. The ability of a microscope to distinctly separate, two small elements in the structure of an object is called
 - a. Resolving power
 - b. Working distance
 - c. Magnification power
 - d. Numerical aperture

15. Chorio-allantoic membrane is used for harvesting
 - a. Yellow fever
 - b. Rickettsia
 - c. Rabies
 - d. Herpes simplex

16. The main structural component of cell wall of fungi is
 - a. Glucan
 - b. Protein
 - c. Lipid
 - d. Chitin

17. Asexual spores produced by phycomycetes are
 - a. Sporangiospores
 - b. Oospores
 - c. Ascospores
 - d. Basidiospores

18. Media in which specific substance is added in solid media which inhibits the growth of unwanted bacteria and favours the growth of wanted bacteria is called
 - a. Enriched media
 - b. Enrichment media
 - c. Selective media
 - d. Differential media

19. Who is called as the father of chemotherapy?
 - a. Paul Ehrlich
 - b. David Bergey
 - c. John Tyndall
 - d. Robert Koch

20. Disinfectant used in aseptic room is
 - a. 1% Sodium hypochlorite
 - b. 1% Sulphuric acid

- c. 1% Nitric acid
- d. 1% Hydrogen peroxide