

Bharati Vidyapeeth's College of Pharmacy, Navi Mumbai

S. Y. B. Pharm (Semester III) (R-2019 syllabus) 2020-21

Microbiology Practice Questions

1. According to Pasteur statements which one of the following is true
 - a. Living organisms discriminate between stereoisomers
 - b. Fermentation is a aerobic process
 - c. Living organisms doesn't discriminate between stereoisomers
 - d. Both a and b

2. "I found floating therein earthly particles, some green streaks, spirally wound serpent-wise, and orderly arranged, the whole circumstance of each of these streaks was about the thickness of a hair on one's head" These words are of
 - a. Leeuwenhoek
 - b. A. Jenner
 - c. Pasteur
 - d. Koch

3. The principal light- trapping pigment molecule in plants, Algae, and cyanobacteria is
 - a. Chlorophyll a
 - b. Chlorophyll b
 - c. Porphyrin
 - d. Rhodapsin

4. During Bio Geo chemical cycle some amount of elemental carbon was utilized by the microorganisms. The phenomenon is called as
 - a. Dissimilation
 - b. Immobilization
 - c. Decomposition
 - d. Neutralization

5. Spirulina belongs to

- a. Xanthophyceae
- b. Cyanophyceae
- c. Rhodophyceae
- d. Pheophyceae

6. The first antibody to contact invading microorganisms was

- a. IgG
- b. IgM
- c. IgA
- d. IgD

7. The light emitted by luminescent bacteria is mediated by the enzyme

- a. Coenzyme Q
- b. Luciferase
- c. Lactose dehydrogenase
- d. Carboxylase reductase

8. Pick out the vector using in human Genome project

- a. Phagemid vector
- b. Yeast artificial chromosomes
- c. Cosmid vectors
- d. Yeast episomal plasmids

9. Salt and sugar preserve foods because they

- a. Make them acid
- b. Produce a hypotonic environment
- c. Deplete nutrients
- d. Produce a hypertonic environment

10. In a fluorescent microscope the objective lens is made of

- a. Glass
- b. Quartz
- c. Polythene
- d. None of these

11. Who demonstrated that open tubes of broth remained free of bacteria when air was free of dust.

- a. Abbc Spallanzani
- b. John Tyndall
- c. Francisco Redi
- d. Pasteur

12. Reverse isolation would be appropriate for

- a. a patient with tuberculosis
- b. a patient who has had minor surgery
- c. a patient with glaucoma
- d. a patient with leukemia

13. The symptom " general feeling of illness and discomfort " is called

- a. Cystitis
- b. Malaise
- c. Anaphylactic shock
- d. Arthritis

14. On soybean which of the following forms symbiotism

- a. Azatobactor paspali
- b. Rhizobium
- c. Nostoc
- d. Bradyrhizobium

15. Who provide the evidence that bacteriophage nucleic acid but not protein enters the host cell during infection

- a. Alfred D.Hershey & Leonard Tatum in 1951.
- b. Alfred D.Hershey & Zindar Lederberg in 1951.
- c. Alfred D.Hershey & Martha Chase in 1952.
- d. Alfred D.Hershey & Macleod in 1952.

16. Cold like symptoms are caused by which bacteria

- a. Pseudomonas
- b. E.coli
- c. Haemophilus influenza
- d. Haemophilus streptococcus

17. In Streptococcus fecalis, the conjugation takes place at

- a. Pili
- b. Cell membrane
- c. Cell wall
- d. Flagella

18.The infected mad dogs may contain

- a. Nergi bodies
- b. Niagri bodies
- c. Negri bodies
- d. Neisser bodies

19. What disease the Nesser will produce?

- a. Mumps
- b. Rubella
- c. Polio
- d. Measles

20. Rancidity in spoiled foods is due to

- a. Lipolytic organisms
- b. Proteolytic organisms
- c. Toxigenic microbes
- d. Saccharolytic microbes

21. The Bacterium that is most commonly used in genetic engineering is

- a. Escherichia
- b. Klebsiella
- c. Proteius
- d. Serratia

22. The medium used in membrane filter technique was

- a. EMB agar
- b. EMR-Vp medium
- c. Lactose broth
- d. Endo agar

23. Lysol is a

- a. Sterilent
- b. Disinfectant
- c. Antiseptic
- d. Antifungal agent

24. Which of the following is a neutral stain?

- a. Picric acid
- b. Gmiesma
- c. Neutral red
- d. Malachite green

25. Peptone water medium is an example for

- a. Synthetic medium
- b. Semisynthetic medium
- c. Differential medium
- d. None of these