

1.Chlorosis is caused by

- (a) Fungi **(b) Virus** (c) mycoplasma (d) None of the above

2.Who discovered TMV ?

- (a) Bawden **(b) Iwanowski** (c) Stonley (d) Twort and d' Herelle

3.Who Isolated the plant Virus first ?

- (a) W.M.Stanky (b) E.C.Stakman **(c) D.Iwanowski** (d) K.M.Smith

4. Bacteria were first discovered by :

- (a) Robert Koch **(b) A.V.Leenwenhoek** (c) M.D.Zinder (d) Robert Hooke

5. The bacterial cell wall is composed of :

- (a) Peptidoglycan** (b) lignin (c) Suberine (d) cellulose

6. 9+2 Fibrillar arrangement is present in:

- (a) eukaryotic flagella** (b) bacterial flagella
(c) bacterial fimbriae (d) T4 bacteriophage

7. Escherichia Coli is :

- (a) Gram +ve** (b) Gram '-ve' (c) Virus (d) both +ve and -ve

8. Curd bacteria is :

- (a) Gram +ve **(b) Gram '-ve'** (c) pseudomonus (d) none of the above

9. When bacteria are rod-shaped,they are called :

- (a) Cocci **(b) bacilli** (c) spirilla (d)vibrio

10. The micro-organism which fixes atmospheric nitrogen is :

- (a) Lactobacillus (b) Pseudomonus **(c) Rhizobium** (d) none of the above

11. A Free living bacterium capable of Fixing nitrogen is :

- (a) Rhizobium **(b)Azotobacter** (c)Pseudomonus (d) Streptococcus

12. Fusion of mature individual which directly act as gametes is called :

- (a) isogamy **(b) hologamy** (c)autogamy (d) conjugation

13. A motile flagellated asexual cell is :

- (a) Antherozoid **(b) Zoospore** (c) androspore (d) monospore

14.Fusion between motile gametes of unequal size is :

- (a) isogamy **(b) anisogamy** (c) dichogamy (d) hologamy

15. The cell wall in algae is made up of :

- (a) **cellulose** (b) Chitin (c) Suberin (d) cutin

16. Pigment cup is found in :

- (a) Pyrenoid (b) **eye spot** (c) nucleus (d) nucleolus

17. Floridean starch occurs in :

- (a) Phaeophyceae (b) **Rhodophyceae** (c) Cyanophyceae (d) Bacillariophyceae

18. Gas vacuoles are found in :

- (a) Chlorophyta (b) Phaeophyta (c) Rhodophyta (d) **Cyanophyta**

19. Agar-agar is obtained from :

- (a) **Gracilaria** (b) Chlorella (c) Chara (d) Sargassum

20. Iodine is obtained from :

- (a) bryophytes (b) **Sea weeds** (c) gymnosperms (d) Fungi

21. Mycorrhiza is a symbiotic relationship between :

- (a) Algae and bryophytes (b) **fungi and roots of higher plants**
(c) algae and roots of gymnosperms (d) algae and fungi

22. All fungi are :

- (a) Symbionts (b) parasites (c) Saprophytes (d) **heterotrophs**

23. The fungi obtain their nutrition by :

- (a) ingestion (b) photosynthesis (c) **absorption** (d) none of these

24. A dolipore septum is a characteristic feature of :

- (a) phycmycetes (b) Ascomycetes (c) **Basidiomycetes** (d) Zygomycetes

25. Sexual reproduction is absent in :

- (a) phycmycetes (b) Ascomycetes (c) **Deuteromycetes** (d) Basidiomycetes

26. Penicillin was discovered by :

- (a) **Alexander Fleming** (b) A.F. Blakeslee (c) Elie Metchnikoff (d) Felix Dujardin

27. Which of the following is used as human food?

- (a) **Agaricus** (b) Coprinus (c) Amanita (d) all of the above

28. Antibiotics are isolated from :

- (a) bacteria and viruses (b) **bacteria and fungi**
(c) fungi and viruses (d) none of the above

29. Citrus canker is caused by :

- (a) Bacillus sp. (b) Pseudomonas sp. **(c) Xanthomonas** (d) none of the above

30. Disease which appear more or less constantly year after year is moderate to severe form in a particular area known as :

- (a) endemic** (b) pandemic (c) epidemic (d) sporadic

31. Citrus canker is :

- (a) viruses disease **(b) Bacterial disease** (c) fungul disease (d) none of the above

32. Downy Mildeu is :

- (a) viruses disease (b) Bacterial disease **(c) fungul disease** (d) none of the above

33. The Cansual organism of Downy Mildeu is:

- (a) Sclerospora graminicola** (b) Albugo candida
(c) Erysiphe graminis (d) Ustilago nuda