

MCQ TEST-I 2nd Semester Hons- CC03

There are 40 Questions, Each with 2 Marks. All Questions are compulsory, Once you complete the question, you must press the SUBMIT button, if you do not SUBMIT, your answer will not be recorded even if your time is up. So make sure you submit this button before time is up.

* Required

1. Email address *

2. NAME

3. SEMESTER

Mark only one oval.

- ☐ SEM-II HONS
- ☐ SEM-IV HONS
- ☐ SEM-II HONS GE
- ☐ SEM-II DSC
- ☐ SEM-IV GE
- ☐ SEM-IV DSC

Questions

4. Fresh aquatic algae is

2 points

Mark only one oval.

- ☐ Spirogyra sp.
- ☐ Polysiphonia sp.
- ☐ Ectocarpus sp.
- ☐ Euglena sp.

5. Which of the following statement is TRUE for Lithophytes

2 points

Mark only one oval.

- ☐ They grow in highly concentrated lake
- ☐ They grow in ice
- ☐ They grow on rocks
- ☐ They grow in hot water

6. Laminarin store food found in

2 points

Mark only one oval.

- ☐ Cyanophyceae
- ☐ Chlorophyceae
- ☐ Phaeophyceae
- ☐ Rhodophyceae

7. Genome of TMV is made up of

2 points

Mark only one oval.

- ☐ ssDNA
- ☐ (+) ssRNA
- ☐ dsRNA
- ☐ dsDNA

8. Prion is mainly made up of

2 points

Mark only one oval.

- ☐ Protein and RNA
- ☐ Only Protein
- ☐ only RNA
- ☐ None of the other options

9. Lambda Phage is

2 points

Mark only one oval.

- ☐ Temperate Phage
- ☐ Virulent Phage
- ☐ Tail less Phage
- ☐ None of the above

10. Lysogeny is promoted by which of the following protein

2 points

Mark only one oval.

- ☐ CRO Protein
- ☐ Lamda repressor Protein
- ☐ RecA Protein
- ☐ Excisionase Protein

11. Which of the following Statement is NOT TRUE about Virioid?

2 points

Mark only one oval.

- ☐ It cause PSTV and Coconut Cadang Cadang Disease
- ☐ The genome of viroid often form a hamer head structure
- ☐ It is made up of RNA
- ☐ Viroid with DNA genome is also common

12. During Adsorption the interaction occurs between Host receptor and

2 points

Mark only one oval.

- ☐ Tail Fibre
- ☐ Neck
- ☐ Head
- ☐ DNA

13. Which of the following statement is FALSE?

2 points

Mark only one oval.

- ☐ TMV is a plant virus
- ☐ T4 Phage have contractile tail made up of gp18 and gp19
- ☐ Viral specific mRNA is synthesized by DNA- dependent RNA Polymerase of the Host
- ☐ TMV genome have intron like sequences

14. Epizoic algae

2 points

Mark only one oval.

- ☐ grow in animals
- ☐ grow in tissues of animals
- ☐ grow on the rocks
- ☐ grow on the leaf of aquatic ferns

15. Psammon is

2 points

Mark only one oval.

- ☐ Chara
- ☐ Chlorella
- ☐ Vaucheria
- ☐ Padina

16. Aplanospores found in

2 points

Mark only one oval.

- ☐ Polysiphonia
- ☐ Ectocarpus
- ☐ Chlamydomonas
- ☐ Oedogonium

17. Coenobium motile form found in

2 points

Mark only one oval.

- ☐ Volvox
- ☐ Euglena
- ☐ Hydrodictyon
- ☐ Rhizochloris

18. F.E. Fritsh's Classification is based on

2 points

Mark only one oval.

- ☐ Cell Wall
- ☐ Nature of nuclear material
- ☐ Photosynthetic product
- ☐ Pigmentation

19. Anisogamy is

2 points

Mark only one oval.

- ☐ gametes are morphologically similar but physiologically different
- ☐ gametes are morphologically different but physiologically similar
- ☐ gametes are morphologically and physiologically different
- ☐ None of the other options

20. Floridean starch found in

2 points

Mark only one oval.

- ☐ Phaeophyceae
- ☐ Xanthophyceae
- ☐ Rhodophyceae
- ☐ Cyanophyceae

21. Which group of algae is prokaryotic in nature

2 points

Mark only one oval.

- ☐ Brown algae
- ☐ Red algae
- ☐ Blue green algae
- ☐ Diatoms

22. Which of the following algae is parasitic in nature

2 points

Mark only one oval.

- ☐ Anabaena
- ☐ Lyngbya
- ☐ Microcystis
- ☐ Cephaleuros

23. Which algae is used as Salad in Japan

2 points

Mark only one oval.

- ☐ Nostoc
- ☐ Ulva
- ☐ Spirogyra
- ☐ Spirulina

24. Gaidukov phenomenon observed in

2 points

Mark only one oval.

- ☐ Myxophyceae
- ☐ Chlorophyceae
- ☐ Phaeophyceae
- ☐ Xanthophyceae

25. Irish moss is

2 points

Mark only one oval.

☐ Chondrus

☐ Porphyra

☐ Codium

☐ Gelidium

26. Spermocarp found in

2 points

Mark only one oval.

☐ Chlamydomonas

☐ Chara

☐ Coleochaete

☐ Volvox

27. Gynandrosporus type found in

2 points

Mark only one oval.

☐ Oedogonium setigerum

☐ Oedogonium confertum

☐ Oedogonium iyengarii

☐ Oedogonium concatenatum

28. Chrysolaminarin is reserve food of

2 points

Mark only one oval.

- ☐ Rhodophyceae
- ☐ Blue green algae
- ☐ Diatom
- ☐ Ectocarpus sp.

29. Isomorphic alternation of generation is found in

2 points

Mark only one oval.

- ☐ Polysiphonia
- ☐ Ectocarpus
- ☐ Volvox
- ☐ Chara

30. Tetraspore is found in

2 points

Mark only one oval.

- ☐ Red Algae
- ☐ Green Algae
- ☐ Blue algae
- ☐ Yellow algae

31. When the DNA of Phage virus remained integrated within Bacterial host chromosome, it is called 2 points

Mark only one oval.

- ☐ Episome
☐ Prosome
☐ Prophage
☐ Endospore

32. Which of the following sequence is crucial for integration of viral chromosome into bacterial chromosome during Lysogeny 2 points

Mark only one oval.

- ☐ int sequence
☐ ori T sequence
☐ att sequence
☐ TATA box sequence

33. Outer membrane is found in 2 points

Mark only one oval.

- ☐ Gram Positive Bacteria
☐ Gram Negative Bacteria
☐ In all types of Virus
☐ In all types of Bacteria

34. Which of the following is NOT a component of Peptidoglycan

2 points

Mark only one oval.

- ☐ N-Acetyl Muramic acid
- ☐ N-Acetyl Glucosamine
- ☐ D-alanine
- ☐ D-Arginine

35. Peptidoglycan layer in Gram Negative bacteria is

2 points

Mark only one oval.

- ☐ 20-80 nm thick
- ☐ 2-7 nm thick
- ☐ Absent
- ☐ more than 500nm thick

36. The sugars of peptidoglycan are held together by

2 points

Mark only one oval.

- ☐ Peptide bond
- ☐ alpha glycosidic bond
- ☐ beta glycosidic bond
- ☐ Phospho di ester bond

37. The surface antigen of Gram Positive bacteria is

2 points

Mark only one oval.

- ☐ Techoic acid
- ☐ Lipopolysaccharide
- ☐ Integral Protein
- ☐ Braun's lipoprotein

38. Which of the following is found only in Gram Negative bacteria

2 points

Mark only one oval.

- ☐ Techoic acid
- ☐ Lipopolysaccharide
- ☐ Lipotechoic acid
- ☐ Peptidoglycan

39. CII Protein is also known as

2 points

Mark only one oval.

- ☐ Lambda repressor
- ☐ Recombinase
- ☐ Polymerase
- ☐ Superactivator

40. The cell will go to Lysogenic cycle if

2 points

Mark only one oval.

- ☐ The cell is in nutrient rich medium
- ☐ The Cell undergoing cell division very frequently
- ☐ The Cell is not actively growing or treated with UV ray
- ☐ None of the other options

41. Gemini virus is

2 points

Mark only one oval.

- ☐ ss(+)RNA virus
- ☐ ss(-)RNA virus
- ☐ ssDNA virus
- ☐ dsDNA virus

42. Baltimore's Classification is based on

2 points

Mark only one oval.

- ☐ symmetry of virus
- ☐ nucleic acid of virus
- ☐ Mutation rate of virus
- ☐ None of the other options

43. Lag phase is when

2 points

Mark only one oval.

- ☐ The number of bacteria is declining
- ☐ The number of bacteria is rapidly increasing in exponential rate
- ☐ The number of bacteria is somewhat stable or very slightly increasing
- ☐ The number of bacteria is increasing and decreasing in a same rate so that the graph is stable

44. Submission ID (skip this field) *

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