

KENDRIYA VIDYALAYA, AFS MANAURI
I PERIODIC TEST (2017-18))
CLASS-XI
SUBJECT-BIOLOGY

TIME-1.30 Hrs

MM-50

SECTION-A (1 Mark)

1. Define metamerism
2. Why is Deuteromycetes called fungi imperfecti. ?
3. Which event is a precursor of seed habit in pteridophyte?
4. Give two examples of species that belong to genus- Solanum.
5. Why the members of class-Chondrichthyes have to swim constantly?

SECTION-B (2 Marks)

6. Give the function of- (i) Heterocyst (ii) Diatomaceous earth.
7. Write the economic importance of bacteria..
8. Draw a labelled diagram of a bacteriophage.

OR

Draw labelled diagram of pseudocoelomate condition.

9. What are the modifications that are observed in birds that help them to fly?
10. Draw labelled diagram of diplontic ilife cycle?
11. How is key used as a taxonomical aid?
12. What are the rules of nomenclature?

SECTION –C (3 Marks)

13. Write the characteristic features of pteridophyte.
14. Describe reproduction in class-Basidiomycetes .
15. (a) How double fertilisation takes place in Angiosperms ?
(b) What are gemmae?
16. Differentiate between – (i) Polyp and medusa (ii) Virus and viroid.
17. Give the characteristic features of phylum-Platyhelminthes.
18. Classify the different classes of Protozoa with an example.
19. (a) Mention the ploidy of- Prothallus of fern, leaf cell of moss.
(b) Explain- (i) red tide (ii) Heterospory.

SECTION-D (5 Marks)

20. (a) Write the taxonomical hierarchy of wheat and housefly?
(b) Expand ICBN.

OR

(a) Differentiate between artificial and natural system of classification.

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(a) Differentiate between artificial and natural system of classification.

(b) On the basis of major pigments and stored food classify the different classes of algae.

© Name the algae from which agar is obtained.

21. (a) Write the scientific name and phylum to which following animals belong along with a characteristic feature of that phylum-

(i) King crab (ii) Starfish (iii) Roundworm

(b) What is radial symmetry?

OR

(a) What are pyrenoids?

(b) Describe the life cycle of a bryophyte?

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