

FIRST QUARTERLY TEST AUGUST 2024

CLASS : I PUC

SUBJECT : BIOLOGY (36)

Max. Marks : 35

TIME : 1 Hour 30 Mins.

Instructions :

1. This question paper consists of four Parts A, B, C, D.
2. Part-A consists of I and II and Part-D consists two parts Section-I and II.
3. All the parts are compulsory.
4. Draw diagrams wherever necessary. Unlabeled diagrams do not carry any marks.

PART-A

I Select the correct alternative from the choices given below : 1 x 7 = 7

- 1) Identify the correct sequence of taxonomical category ?
a) Species → Order → Phylum → Kingdom b) Genus → Species → Order → Kingdom
c) Species → Genus → Order → Phylum d) Genus → Species → Kingdom → Phylum
- 2) Association between roots of higher plants and fungi is called
a) Lichen b) Fern c) Mycorrhiza d) Blue green algae
- 3) The giant Redwood tree (Sequoia) is a/an
a) Angiosperm b) Free fern c) Pteridophyte d) Gymnosperm
- 4) Tissue level of organization is seen in
a) Sponges b) Coelenterata c) Platyhelminthes d) Annelida
- 5) Body cavity is absent in
a) Acoelomate b) Pseudocoelomate c) Coelomate d) Haemocoelomate
- 6) An example of oviparous animal is
a) Platypus b) Bat c) Elephant d) Whale
- 7) Roots developed from parts of the plant other than radicle are called
a) Tap roots b) Fibrous roots c) Adventitious roots d) Nodular roots

II Fill in the blanks by choosing the appropriate word from those given below: 1 x 3 = 3
(Parapodia, Dicotyledons, Antheridia, Archegonia)

- 8) In Gymnosperms female sex organ is called _____.
- 9) Lateral appendages in aquatic annelida is _____.
- 10) Reticulate venation is a characteristic feature of _____.

PART-B

III Answer any **THREE** of the following questions in 3-5 sentences each, wherever applicable : 2 x 3 = 6

- 11) What is Binomial Nomenclature ? Who proposed it ?
- 12) Write the taxonomic categories of Mango.
- 13) Differentiate between Homosporous and Heterosporous condition.
- 14) Mention the four classes of pteridophytes.
- 15) Mention the two types of compound leaves with one example each.

PART-C

IV Answer any **THREE** of the following questions in 40-80 words each, wherever applicable : 3 x 3 = 9

- 16) Explain three steps in sexual cycle of Fungi.
- 17) Write any three economic importance of Algae.
- 18) Mention the three types of body symmetry in animals with one example each.
- 19) Write any two unique characteristic features of phylum Ctenophora. Give one example.
- 20) Draw and label the regions of the root-tip.

PART-D

SECTION-I

V Answer any **ONE** of the following questions in 200-250 words each, wherever applicable : 5 x 1 = 5

- 21) Describe briefly the four major groups of Protozoa. Write the kingdom to which they belong to.
- 22) Write the general characters of Phylum Arthropoda.

SECTION-II

VI Answer any **ONE** of the following questions in 200-250 words each, wherever applicable : 5 x 1 = 5

- 23) Gametophyte is a dominant phase in the life cycle of Bryophyte. Explain.
a) Write the differences between 2 body forms of phylum Cnidaria.
b) What are the modifications that are observed in birds that help them fly ?
