



Quality Checkers
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XI-SCI : Biology
Kingdom Plantae,

DATE:

TIME: 1 hour 30
minutes

MARKS: 25

SEAT NO:

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Note:-

1. All Questions are compulsory.
2. Numbers on the right indicate full marks.

Section A

Q.1 Select and write the correct answer.

(4)

1. One of the following is a motile alga
A) Chlamydomonas B) Chara
C) Chlorella D) Spirogyra
2. Presence of rhizoids in place of true roots is characteristic of
A) Gymnosperms B) Bryophyta
C) Algae D) Angiosperms
3. The tallest living gymnosperm among the following is
A) Sequoia sempervirens B) Taxodium mucronatum
C) Zamia pygmaea D) Ginkgo biloba
4. Endophytic fungi or mycorrhizae are found in the roots of
A) Cycas B) Pinus
C) Equisetum D) Hibiscus

Q.2 Answer the following.

(3)

1. What is the function of gemmae?
2. To which group does Ginkgo belong?
3. Name three groups of plants that have female sex organ archegonia.

Section B

Attempt any Four

- Q.3 Study the leaves of Hibiscus, Peepal, Canna, Grass and Tulsi. Classify them as Monocot and Dicot. **(2)**
- Q.4 Describe the leaves in Pteridophytes. **(2)**
- Q.5 Name the tallest and the smallest Gymnosperms. **(2)**
- Q.6 Describe the habit of most of the Gymnosperms. **(2)**
- Q.7 What are the differences between sub-kingdoms cryptogamae and phanerogamae? **(2)**
- Q.8 Name the accessory pigments in algae. **(2)**

Section C

Attempt any Two

- Q.9 Organization of plant parts in Bryophytes. **(3)**

Q.10 Draw neat labelled diagram.
Chlamydomonas (3)

Q.11 Give general characters of Gymnosperms and Angiosperms. (3)

Section D
Attempt any One

Q.12 What are the salient features of Angiosperms? (4)

Q.13 Draw neat labelled diagrams of Haplontic and Haplo- Diplontic life cycle (4)