Class 11th

Date- 29/05/2025 Chapter -3rd Plant kingdom Topic -Algae and Bryo

Total Marks: 25 Time A

hour

Section A: Objective (6 Marks)

Multiple Choice Questions (1 Mark Each)

Choose the correct option for each question.

1. Which pigment is present in green algae?

A) Chlorophyll a and c

B) Chlorophyll a and b

C) Chlorophyll d

D) Phycocyanin

2. Algae differ from bryophytes in having:

A) No photosynthetic pigments

B) Well-developed roots

C) Independent gametophyte

D) Undifferentiated plant body

3. In bryophytes, the dominant generation is:

A) Sporophyte

B) Gametophyte

C) Zygote

D) Seed

4. Which of the following is a colonial alga?

A) Spirogyra

B) Chlamydomonas

C) Volvox

D) Ulothrix

5. The capsule in bryophytes helps in:

A) Photosynthesis

B) Respiration

C) Spore formation and dispersal

D) Fertilization

6. Gemmae are asexual buds, which originate from small receptacles ca cups. These are found in

A) Funaria

B) Riccia

C) Marchantia

D) fern

Section B: Subjective

Very Short Answer Questions (2 Marks Each)

1. What is alternation of generations in bryophytes?