

B.Sc. ZOOLOGY
First Semester
DIVERSITY OF CRYPTOGAMS
(BSZ – 102)

Duration: 3Hrs.

Full Marks: 70

Part-A (Objective) =20
Part-B (Descriptive) =50

(PART-B: Descriptive)

Duration: 2 hrs. 40 mins.

Marks: 50

Answer any four from Question no. 2 to 8
Question no. 1 is compulsory.

1. Write the general characteristic features of Algae. Discuss the economic importance of Cyanophyceae, Chlorophyceae and Phaeophyceae. (4+6=10)
2. Discuss the life history of Volvox and Ectocarpus. (5+5=10)
3. Discuss the life cycle of Marcheantia with suitable diagrams. (8+2=10)
4. Write short note on: (5+5=10)
 - a) Sporophytic generation of Polytrichum
 - b) Salient features of Anthoceros
5. Describe classification of Pteridophyta. (10)
6. Discuss the Similarities and dissimilarities of Pteridophyta with Bryophyta and Gymnosperm. (10)
7. Write a note on the nutrition of fungi. (10)
8. Discuss the life cycle of *Puccinia* with diagrams. (10)

B.Sc. ZOOLOGY
First Semester
COMMUNICATIVE ENGLISH
(BSZ - 101)

Duration: 20 minutes

Marks – 20

(PART A - Objective Type)

I. Match the following:

1×5=5

- | | |
|------------------------|------------------------|
| a) William Blake | i) Romantic Period |
| b) William Shakespeare | ii) Visionary/Mystique |
| c) William Wordsworth | iii) Dramatist |
| d) George Orwell | iv) Milky way |
| e) Daffodils | v) Elephant |

II. Write true or false:

1×5=5

- a) Cholera bacteria can be fatal.
- b) Poison Tree is an actual tree that the poet talks about.
- c) "If" is a dialogue between father and daughter.
- d) "Shooting an Elephant" is based in India.
- e) The verger worked for 16 years in the Church.

III. Fill in the blanks:

1×5=5

- a)is the synonym for happiness.
- b) Wordsworth belonged to the..... age of literary period.
- c) The cholera bacteria turned everything into..... colour.
- d) Wordsworth personifies himself as.....
- e) The elephant in "Shooting and Elephant" was..... mad.

IV. Mark the correct answer:

1×5=5

- a) New York islarge city. (a, an, the, no article)
- b) Are you attending the reception today? (the, a, an, no article)
- c)Oranges are grown in Nagpur. (a, an, the, no article)
- d)lion is a ferocious animal. (the, an, a, no article)
- e) She wants to become engineer. (a, an, the, no article)
