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B.EL.ED. (Second Year)

EXAMINATION, 2026

(Regular & Re-appear)

BIOLOGY-I

Time : 3 *Hours*] [*Maximum Marks :* 60

Before answering the question-paper, candidates must ensure that they have been supplied with correct and complete question-paper. No complaint, in this regard will be entertained after the examination.

Note : Attempt *Five* questions in all, selecting *one* question from each Unit. All questions carry equal marks.

Unit I

1. (a) Explain structure and reproduction of Bacteria.

(b) Discuss the structure and reproduction of *Aspergillus*. **2×6=12**

2. (a) Discuss about structure and reproduction of viruses.

(b) Write the important features of kingdom Monera, Protista and Fungi. **2×6=12**

Unit II

3. Discuss the structure, reproduction and modifications of Angiosperms. **12**

4. Discuss the following : **4,4,4**

(a) Reproduction in Moss

(b) Structure of Riccia

(c) Reproduction in Algae

Unit III

5. Write notes on the following : **2×6=12**

(a) Sycon

(b) Tapeworm along with its relation to man

6. Discuss the morphology and reproduction of starfish and earthworm. **12**

Unit IV

7. Explain the following in detail : **2×6=12**

(a) Chemical evolution of first cell

(b) Origin of heterotrophs and autotrophs.

8. Describe the brief history of the origin of life on Earth along with significance of the advent of oxygen in the evolution of life ? **12**

Unit V

9. Write notes on the following : **3×4=12**

(a) Modern theory of evolution

(b) Industrial melanism

(c) Insecticidal resistance

10. Discuss the modern theory of evolution by taking examples of natural selection. **12**

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