4. (a) Explain the concept and steps of concept attainment model. 2+5=7

(b) Describe the concept and types of audio-visual aids. 7

5. (a) Write the concept of general and specific objectives of teaching of natural science. 7

(b) Explain the taxonomy of educational objectives with special reference to Bloom's taxonomy. 7

Or

6. (a) Describe the need and significance of lesson plan. 3+4=7

(b) Prepare a constructivist lesson plan formate. 7

7. (a) Distinguish between prokaryotic and eukaryotic cell. 7

(b) Write down the general and specific objectives of teaching plant tissue. 7

Or

8. (a) Write down the concept of nervous tissue with leveled diagram. 7

(b) Explain how to teach the topic "epithelial tissue" to class IX students. 7

9. (a) Write down the steps of Cu cycle. 4

(b) Prepare a lesson plan on Xylem and Phloem for class X students. 10

Or

10. (a) Explain autotrophic nutrition. 4

(b) Prepare a lesson plan on animal respiration for the teaching of class X students. 10

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UG (CBCS) Even Semester Examination, May 2025

EDUCATION
(B.Sc. B.Ed.)

4th Semester

Course No. : BSED - 404 (TOB-I)

(Teaching of Biology)

Full Marks : 70

Pass Marks : 28

Time : 3 hours

The figures in the margin indicate full marks for the questions

(*Answer all questions*)

1. (a) Write the concept of science and natural science? 7

(b) Outline the concept and steps of scientific method: 3+4=7

Or

2. (a) Write the aims of teaching natural science. 7

(b) Explain the values and significance of teaching natural science. 7

3. (a) Elaborate the concept and steps of lecture cum discussion method of teaching natural science. 2+5=7

(b) Write the concept and steps of heuristic method. 2+5=7

Or