UG (CBCS) EVEN SEMESTER EXAMINATION, 2024

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) Outline the importance of natural science in the modern world. 6

   (b) What is the significance of 'falsifiability' and 'objectivity' in scientific endeavours? 8

Or

2. (a) How can you develop interest and appreciation among learners while teaching natural science. 8

   (b) What is the importance of 'processess' in science? 6

3. (a) Explain the major features of a good teaching method. 6

(b) Elaborate the importance of lecture cum demonstration method while teaching biology. 8

Or

4. (a) Write a note on Dalton plan. Is it applicable in Indian classrooms? Justify. 5+5=10

(b) Justify the importance of field trips while teaching natural science. 4

5. (a) Explain the instructional objectives of cognitive domain according to revised Bloom's taxonomy (Anderson & Krathwohl revision). 8

(b) Write down any four behavioural objectives (specifications) that you would like to achieve while teaching the concept 'cell'. $4 \times 1^1/_2 = 6$

Or

6. (a) Mention the importance of unit plan. Outline its format. 6

(b) How will you evaluate the quality of lesson delivery? Explain. 8

7. (a) Compare meristematic and permanent tissues in plants. 7

(b) Write down the black board summary that you would like to make while teaching nucleic acid to class IX students. 7

Or

8. (a) Elaborate different kinds of nutrition with suitable examples. 8

(b) Suppose you are going to teach the topic 'food chain'. How will you introduce this concept to your students. 6

9. Write a constructivist lesson plan to teach any one zoology topic of class IX. 14

Or

10. (a) Write the format of a lesson plan in constructivist format. 6

(b) Elaborate the 5E learning model for teaching biology. 8

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