

C 82050

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Name.....

Reg. No.....

SECOND SEMESTER B.Ed. DEGREE EXAMINATION, JUNE 2020

B.Ed.

EDU 09.11—PEDAGOGIC PRACTICES IN NATURAL SCIENCE

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

Part A

Answer all questions.

Each question carries 2 marks.

1. Differentiate Instructional Objective and Specification.
2. Write any *two* advantage of Objective Type test item.
3. Describe year plan ?
4. Distinguish achievement test and diagnostic test.
5. Mention any *four* Co-curricular activities that can be used to enhance learning Biology.
6. Write any four uses of work book.
7. Briefly explain objective based instruction.
8. What is the difference between pedagogic Analysis and Content Analysis ?
9. Mention any *two* facts from the topic Reproduction in plants.
10. Give any *two* Instructional objectives for Creativity domain.

(10 × 2 = 20 marks)

Part B

Answer any ten questions.

Each question carries 4 marks.

11. Mention various types of tests employed in assessing achievement in Biology.
12. Analyze the importance of Co-curricular activities in teaching Biology.
13. How could library be an effective instructional resource centre for teaching Natural science.
14. Explain constructivism and its significance in teaching learning process.
15. List any *two* learning experiences that can be given in classroom to teach the topic 'Heredity'.
16. Enumerate the important aspects of laboratory Organization.

Turn over

17. Write the significance of continuous and comprehensive evaluation.
18. Explain the significance of science club as a Co-curricular activity.
19. Distinguish between Aims and Objectives with suitable examples.
20. Develop instructional Objectives for the topic 'Tissues' based on Mc Cormack and Yager's Taxonomy.
21. Compare and contrast constructivist approach and behaviorist approach.
22. Write a note on planning of instruction.

(10 × 4 = 40 marks)

Part C

Answer any two questions.

Each question carries 10 marks.

23. Enumerate the essential qualities of a good text book in Biology and examine whether the present text book in Kerala for Standard VIII satisfy these qualities.
24. Explain the Bloom's taxonomy of educational Objectives. Illustrate the concept of specifications with regard to the Cognitive domain.
25. Discuss the anticipated outcomes of teaching Natural Science at Secondary School.

(2 × 10 = 20 marks)