

**Reg. No. :** .....

**Name :** .....

**Third Semester B.Ed. Degree Examination, June 2022**

**EDU-13.9 : EMERGING TRENDS AND PRACTICES IN  
NATURAL SCIENCE EDUCATION**

**(2019 Admission onwards)**

Time : 2 Hours

Max. Marks : 50

**PART – A**

Answer **all** questions.

1. Paulo Friere is associated with
  - (a) Collaborative Learning
  - (b) Critical Pedagogy
  - (c) Circle Learning
  - (d) Problem Based Learning
2. An application level question comes under
  - (a) LOT
  - (b) SOT
  - (c) HOT
  - (d) None of these
3. Which of the following is a quality of good test?
  - (a) Objectivity
  - (b) Validity
  - (c) Reliability
  - (d) All of these
4. An assignment can be assessed by using
  - (a) Opinionnaire
  - (b) Rubric
  - (c) Schedule
  - (d) None of these

5. BBL stands for
- (a) Brain Based Learning
  - (b) Brain Based Lecturing
  - (c) Basic Brain Learning
  - (d) Basic Brain Lecturing

**(5 × 1 = 5 Marks)**

**PART – B**

Answer **all** questions in one sentence.

- 6. Define objective based evaluation.
- 7. Write any two importance of portfolio.
- 8. What is a digital text?
- 9. Who is a slow learner?
- 10. What is blue print of a test?

**(5 × 1 = 5 Marks)**

**PART – C**

Answer **all** questions in **two** or **three** sentences.

- 11. Give any two classroom activities suitable for creative learners.
- 12. Write a note on critical incident diary.
- 13. Explain issue based learning.
- 14. Prepare a multiple choice question based on a biology topic.
- 15. Write any two advantages of reflective learning.

**(5 × 2 = 10 Marks)**

### PART – D

Answer any **four** questions in **six** to **eight** sentences.

16. What are the peculiarities of collaborative learning?
17. Write a note on diagnostic test.
18. Explain the steps in Jigsaw technique.
19. Give an account of problem based learning.
20. What are the merits and demerits of online learning?
21. Elaborate the concept of continuous and comprehensive evaluation.  
(4 × 5 = 20 Marks)

### PART – E

Answer any **one** question not exceeding **two** pages.

22. How will you generate an E content for secondary level biology topic? Explain with example.
  23. Write an essay on reflective practices that can be used in our classrooms.  
(1 × 10 = 10 Marks)
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