Reg. No. : ....

Name : ....

Third Semester B.Ed. Degree Examination, June 2022

EDU-13.7 — EMERGING TRENDS AND PRACTICES IN MATHEMATICS EDUCATION

(2019 Admission Onwards)

Time : 2 Hours   Max. Marks : 50

PART – A

I.   Select the most appropriate answer from bracket.

1.   If a test measures, what it intends to measure, that test is said to have _____

     (a) reliability   (b) validity

     (c) objectivity   (d) practicability

2.   Which evaluation technique focuses on the 'quality of implementation' of instructional process?

     (a) product evaluation   (b) process evaluation

     (c) objective based evaluation   (d) summative evaluation

3.   A collaborative learning strategy in which students work together to solve a problem or answer a question about assigned reading.

     (a) think pair share   (b) concept mapping

     (c) supervised study   (d) blended learning

4. The test which is not used for grading or promotion purpose is

    (a) achievement test   (b) prognostic test

    (c) diagnostic test   (d) online test

5. Which is not a tool for reflective practice?

    (a) check list   (b) journal writing

    (c) index cards   (d) personal blogs

(5 × 1 = 5 Marks)

PART – B

II. Answer **all** questions in **one** word or sentence.

6. What is online learning?

7. What do you mean by objective based evaluation?

8. Write the names of two online assessment tools.

9. What is a blog?

10. What are digital text books?

(5 × 1 = 5 Marks)

PART – C

III. Answer **all** the questions in **two** or **three** sentences each.

11. Differentiate between assessment for learning and assessment as learning.

12. What do you mean by reliability of a tool?

13. Write a short note on the concept of educational diagnosis.

14. What is blended earning?

15. Distinguish between internal and external evaluation.

(5 × 2 = 10 Marks)

PART – D

IV. Answer any **four** questions. Each question carries **5** marks.

16. Briefly explain the process ol constructing an achievement test.

17. How will you develop an e-content material for teaching?

18. Give a brief explanation about techno pedagogic curriculum transaction.

19. Prepare a diagnostic test on any topic from school Mathematics.

20. Give a brief account on the modern instructional approaches for learning.

21. How self reflection and peer evaluation help a teacher to improve?

(4 × 5 = 20 Marks)

PART – E

V. Answer any **one** from the following.

22. Explain the concept of reflective practices. Describe various tools for reflection for a teacher.

23. Explain various types of test items with its advantages and disadvantages.

(1 × 10 = 10 Marks)

_____