Reg. No. :

Name :

Third Semester B.Ed. Degree Examination, December 2020 EDU-13.7 EMERGING TRENDS AND PRACTICES IN MATHEMATICS EDUCATION

(2019 Admission)

Time : 2 Hours

Max. Marks : 50

PART-A

- I. Select the most appropriate answer from bracket. Question (1-5)
- 1. If a test shows 'consistency' in its results, then that test is said to have
 - (a) validity (b) reliability
 - (c) objectivity (d) practicability
- 2. A type of assessment which help to evaluate students' strengths, weaknesses, knowledge and skills before their instruction is
 - (a) formative (b) summative
 - (c) diagnostic (d) objective based
- 3. Which assessment tool provides an explicit set of criteria for assessing a particular type of work or performance?
 - (a) rubrics (b) diagnostic test
 - (c) achievement test (d) questionnaire

K – 5066

- 4. Which of the following technique break classes into groups and breaks the assignment into pieces in the form of puzzles?
 - (a) Circle learning (b) Jigsaw technique
 - (c) Concept mapping (d) Blended learning

5. A technique which help the teacher to improve their performance in a better way.

- (a) group discussion (b) online teaching
- (c) circle learning (d) reflective practice

 $(5 \times 1 = 5 \text{ Marks})$

PART – B

- II. Answer **all** questions in one word or sentence (Questions 6-10)
- 6. What is remedial teaching?
- 7. Write any two limitations of essay type test?
- 8. What do you mean by CCE?
- 9. Write any two techniques of reflective practice for a teacher?
- 10. Write any two limitations of online learning?

$(5 \times 1 = 5 \text{ Marks})$

PART – C

- III. Answer **all** the questions in two or three sentences each (Questions 11-15)
- 11. Differentiate between assessment of learning and assessment for learning.
- 12. What is the meaning of online assessment? Give an example of an online assessment tool.
- 13. Distinguish between achievement test and diagnostic test?

- 14. What are digital text books?
- 15. Which are the advantages of objective type tests?

(5 × 2 = 10 Marks)

PART – D

- IV. Answer **any four** questions (Questions 16-21). Each question carries **5** marks.
- 16. Explain the role of the teacher as a reflective practitioner?
- 17. What is an e-content? Develop an e-content material on any topic from high school Mathematics.
- 18. Explain the characteristics of a good evaluation tool.
- 19. Explain the steps in the construction of a diagnostic test.
- 20. Briefly explain various types of evaluation.
- 21. Explain the concept of blended learning. How it help teachers for effective teaching?

(4 × 5 = 20 Marks)

- V. Answer **any one** from the following.
- 22. Explain the purpose and steps in the construction of an achievement test.
- 23. Explain the various modern instructional approaches for learning.

(1 × 10 = 10 Marks)