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Reg. No. : .....

Name : .....

**Third Semester B.Ed. Degree Examination, December 2016**  
**EDU 13.07 : EMERGING TRENDS AND PRACTICES IN MATHEMATICS**  
**EDUCATION**  
**(2015 Admission)**

Time : 2 Hours

Max. Marks : 50

**PART – A**

Answer **all** the questions. **Each** question carries **1** mark.

1. Summative evaluation

- a) Describes the judgements about the merits of a completed course
- b) Describes the judgement made during the development of a course
- c) Monitors the instructional process of the course
- d) Describes the current status of students of any course

2. The approach best suited to motivate students to learn is

- a) Teacher centered approach
- b) Student centered approach
- c) Concept centered approach
- d) Technology centered approach

3. Divergent thinking means

- a) Thinking of new ways to solve a problem
- b) Thinking differently
- c) Thinking different things
- d) Thinking abstractly

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4. A Blue print is necessary for
  - a) Diagnostic test
  - b) Attitude test
  - c) Achievement test
  - d) Aptitude test
5. Reflective practices help one to
  - a) Study the present status
  - b) Attain higher performance
  - c) Redo the present work
  - d) Keep bench mark

(5×1=5 Marks)

PART – B

Answer **all** questions. **Each** carries 1 mark.

6. Define simulation.
7. Mention any two types of test items.
8. What is meant by online tools ?
9. What is meant by Entrepreneurship ?
10. Mention any two skills needed for reflective practice.

(5×1=5 Marks)

PART – C

Answer **all** questions. **Each** carries 2 marks.

11. What are the disadvantages of Lecture method ?
12. Distinguish between achievement test and diagnostic test.
13. Mention any two online tools.
14. Write any two mathematics concepts for e-content development.
15. What is meant by document analysis ?

(5×2=10 Marks)





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**PART – D**

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

16. How will you motivate the students who have aversion over learning algebra ?

17. How do blended learning help the student teachers ?

18. What are the different types of test items ?

19. What are the characteristics of a good evaluation tool ?

20. How will you integrate technology in your teaching ? Give one example.

21. Describe the action cycle in reflective analysis. **(4×5=20 Marks)**

Answer all the questions. Each question carries 10 marks.

**PART – E**

Answer **any one** question. Which carries **10** marks.

22. Prepare a power point presentation with 15 slides for teaching a topic in trigonometry.

23. 'Reflective teaching is a technique of exploring class room practice'. Comment on the statement.

**(1×10=10 Marks)**