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Reg. No.....

Name.....

B.Ed. (CREDIT AND SEMESTER) DEGREE EXAMINATION, NOVEMBER 2019

First Semester

EDU 105.16—LEARNING TO FUNCTION AS A MATHEMATICS TEACHER

(2018 Admissions—Regular / Supplementary)

Time : Two Hours

Maximum : 50 Marks

Part A

Answer all questions.

Each question carries 1 mark.

1. List any *four* geometrical skills.
2. What is meant by gradation?
3. What are the different types of problems?
4. List any *two* micro teaching skills.
5. What do you mean by Simulation?
6. Write the maxims of learning Mathematics.
7. Write any *two* criteria of a good assignment.
8. What is meant by pedagogical skills?
9. Write any *two* limitations of lecture method.
10. What is a project?

(10 × 1 = 10 marks)

Part B

Answer any five questions.

Each question carries 2 marks.

11. What is meant by supervised study?
12. What do you mean by flexible grouping?
13. Write the advantages of Analytic Method.
14. Write the component of the skill "Stimulus Variation".
15. What is Mathematical Creativity?
16. What do you mean by co-operative learning?

(5 × 2 = 10 marks)

Turn over

Part C

*Answer any five questions.
Each question carries 4 marks.*

17. What is concept mapping? Explain the procedure.
18. Compare and contrast analytic-synthetic method of teaching Mathematics.
19. Explain the motivational techniques in teaching of Mathematics.
20. Explain Peer tutoring.
21. Explain the dimensions of classroom management.
22. Explain project method with a suitable example from Mathematics.
23. Write a short note on heuristic method.

(5 × 4 = 20 marks)

Part D

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

24. What is a problem solving method? Explain problem solving method with a suitable example from Mathematics.
25. Illustrate Inductive-Deductive method of teaching Mathematics at Secondary Level.

(1 × 10 = 10 marks)