

**F 3468**

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Reg. No.....

Name.....

**B.Ed. (CREDIT AND SEMESTER) DEGREE EXAMINATION, DECEMBER 2018**

**First Semester**

**EDU 105.16—LEARNING TO FUNCTION AS A MATHEMATICS TEACHER**

(Two Year Course—2018 Admission onwards)

Time : Two Hours

Maximum : 50 Marks

**Part A**

*Answer all questions.*

*Each question carries 1 mark.*

1. What are the different types of problems ?
2. What is brain storming ?
3. What is ability grouping ?
4. What is heuristic approach ?
5. Write the maxims of learning Mathematics.
6. What is reflective journaling.
7. Define teaching skill.
8. Write any two advantages of lecture method.
9. Write any two components of skill of using black board.
10. What is flexible grouping ?

(10 × 1 = 10 marks)

**Part B**

*Answer any five questions.*

*Each question carries 2 marks.*

11. How will you evaluate a seminar ?
12. Write the components of the skill of reinforcement.
13. What is micro teaching ?
14. List the advantages of analytic method.

**Turn over**

15. What is team teaching ?
16. Write the criteria of a good assignment.

(5 × 2 = 10 marks)

### Part C

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

17. Write analytic questions based on any topic in Mathematics.
18. Compare teacher centred and learner centred teaching in Mathematics.
19. Explain the characteristics of co-operative learning.
20. Explain the various dimensions of classroom management.
21. Explain concept mapping and its procedure.
22. Explain the motivational techniques in teaching Mathematics.
23. Discuss the differentiated strategies for inclusiveness.

(5 × 4 = 20 marks)

### Part D

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

24. Illustrate inductive-deductive method of teaching Mathematics at secondary level.
25. What is a project ? Explain project method with a suitable example from Mathematics.

(1 × 10 = 10 marks)