F 7651

Reg. No....................................

Name....................................

B.Ed. (CREDIT AND SEMESTER) DEGREE EXAMINATION, NOVEMBER 2017

First Semester

Pedagogic Course

EDU 105.16—LEARNING TO FUNCTION AS A MATHEMATICS TEACHER

Two Year Course—2015 Admission onwards

(Regular/Supplementary)

Time : Two Hours

Maximum : 50 Marks

Part A

Answer all questions.
Each question carries 1 mark.

1. What is brain storming ?

2. Write the maxims of learning Mathematics.

3. Who is a slow learner ?

4. Write any *two* advantages of lecture method.

5. Define teaching skill.

6. Write any *two* advantages of questioning in Mathematics classroom.

7. What is meant by pedagogical skills ?

8. Write any *two* criteria of a good assignment.

9. What is reflective journaling ?

10. List the characteristics of brain based learning.

(10 × 1 = 10 marks)

Part B

*Answer any **five** questions.*
Each question carries 2 marks.

11. Write the advantages of synthetic method.

12. What is meant by learning disability ? Write a learning disability in Mathematics.

(1 + 1 = 2 marks)

Turn over

13. How can a teacher cater the needs of a mathematically gifted child.

14. Write the components of the skill of using Black Board.

15. What is peer tutoring ?

16. Explain any *one* techniques to motivate learners in Mathematics class room.

[5 × 2 = 10 marks]

Part C

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

17. List the characteristics of co-operative learning.

18. Explain the procedure of concept mapping with example.

19. Compare the teacher centred and learner centred teaching in Mathematics.

20. How can a teacher identify an under-achiever in Mathematics ? List the strategies to cater their needs.

(3 + 1 = 4 marks)

21. Write a short note on the skill of reinforcement.

22. Write four analytic questions based on any topic in Mathematics.

23. What is supervised study ? Explain its role in Mathematics learning.

(1 + 3 = 4 marks)

[5 × 4 = 20 marks]

Part D

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

24. What is a project ? Explain project method with a suitable example from Mathematics.

(2 + 8 = 10 marks)

25. Explain VAK learning style model in detail and its implications in Mathematics learning.

(5 + 5 = 10 marks)

[1 × 10 = 10 marks]