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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]