B.Ed DEGREE (REGULAR / SUPPLEMENTARY) EXAMINATIONS, MARCH 2022

First Semester

PEDAGOGIC COURSE - EDU105.16 - LEARNING TO FUNCTION AS MATHEMATICS TEACHER

2018 Admission Onwards

9FF602CF

Time: 2 Hours

Max. Marks : 50

Part A

Answer all questions

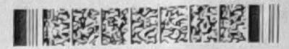*Each question carries 1 mark.*

1. Define Heuristic Method.

2. What is meant by Analytic Method?

3. Which method proceeds from known to unknown?

4. Mention any two Mathematical skills.

5. What is the importance of developing speed and accuracy in Mathematics among the students ?

6. Give two purposes of Questioning.

7. What is meant by simulation?

8. Write two merits of Co-operative Learning.

9. Write two merits of Brain Based Learning.

10. Name any one means for sharing your Reflective Writing.

(10×1 = 10)

Part B

Answer any five questions in about half a page

Each question carries 2 marks.

11. Give any four advantages of Learner centred approach.

12. Write any four characteristics of a mathematically creative child.
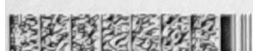
13. What are the merits of think pair share strategy ?

14. Write any two characteristics of concept map.

15. Draw Microteaching cycle.

16. Why do we need "Pedagogy"?

<div align="right">(5×2 = 10)</div>

Part C

*Answer any **five** questions in about **one or two pages***

*Each question carries **4 marks.***

17. Explain the sequential steps in Problem Solving Method.

18. What are the advantages of using Project Method for learning Mathematics ?

19. Briefly explain the importance of Gradation in Mathematics class.

20. Explain the principles of brain storming.

21. Define any one Teaching Skill and explain its components.

22. How do you think you can ensure the quality of your Blackboard writing ?

23. Explain the challenges of Inclusive Education?

<div align="right">(5×4 = 20)</div>

Part D

*Answer any **one** question in about **three or four pages.***

*Each question carries **10 marks.***

24. What do you mean by a motivational technique? Explain different motivational techniques.

25. Suggest situations where team teaching can be used as a teaching strategy. What are its benefits against ordinary teaching?

<div align="right">(1×10 = 10)</div>