



QP CODE: 23301810

Reg No : .....

Name : .....

B.Ed DEGREE REGULAR / REAPPEARANCE / MERCY CHANCE EXAMINATIONS,  
NOVEMBER 2023

First Semester

BACHELOR OF EDUCATION

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

TEACHER

2018 Admission Onwards

15F2A76F

Time: 2 Hours

Max. Marks : 50

Part A

Answer **all** questions

Each question carries **1** mark.

1. What is the maxim 'Simple to Complex'?
2. What do you mean by teacher centered approach?
3. Mention any two topics in Mathematics which can be taught effectively by Inductive method?
4. Write any two mathematical skills.
5. Give any two uses of Ability Grouping.
6. Suggest a situation where Supervised study can be used in Mathematics class room.
7. What do you mean by motivational technique?
8. Write two merits of Team Teaching.
9. Define Brain Based Learning.
10. Write an advantage of Reflective Journaling in the field of Education.

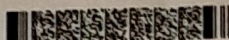
(10×1=10)

Part B

Answer any **five** questions in about **half a page**

Each question carries **2** marks.

11. Write any two criteria of a good project.
12. Suggest an activity to enhance Mathematical Creativity in students.

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13. Explain think pair share strategy.
  14. Formulate two focus questions for drawing a concept map of your choice.
  15. What are the components of Skill of Reinforcement?
  16. Explain Pedagogical competence.

(5×2=10)

**Part C**

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

Each question carries **4 marks**.

17. Discuss the advantages and disadvantages of Analytic Method.
18. Enumerate the merits and demerits of Problem Solving Method.
19. A teacher who never questions never teaches'- Justify.
20. Explain the technique Seminar. What is its significance in teaching Mathematics?
21. Point out the advantages and disadvantages of Microteaching.
22. Being a student teacher how can you analyse your peer student teachers Skill of asking Probing Questions.
23. Why is Pedagogical Knowledge important?

(5×4=20)

**Part D**

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

Each question carries **10 marks**.

24. Give situations where problem based learning can be used in learning maths. Explain its merits over traditional learning.
25. Is Pedagogical Skill necessary for a Teacher. Justify your answer.

(1×10=10)