

QP CODE: 4010100128



Reg No :

Name :

B.Ed DEGREE REGULAR/SUPPLEMENTARY EXAMINATIONS, SEPTEMBER 2021

First Semester

Pedagogic Course - EDU105.16 - LEARNING TO FUNCTION AS MATHEMATICS

TEACHER

2018 Admission Onwards

E962B557

Time: 2 Hours

Max. Marks : 50

Part A

Answer all questions

Each question carries 1 mark.

1. Which maxim of teaching says that the teacher should first teach tangible concepts and then intangible concepts?
2. Give any two limitations of Lecture method in teaching Mathematics.
3. Which philosophy forms the basis of Project Method?
4. Write any two important Mathematical skills.
5. Mention any two techniques of developing accuracy in Mathematics.
6. Give two uses of Gradation.
7. What is Brain storming?
8. List two features of Problem Based Learning.
9. List two principles of Brain Based Learning.
10. Suggest any one model for Reflective Writing.

(10×1 = 10)

Part B

Answer any five questions in about half a page

Each question carries 2 marks.

11. List any four disadvantages of Synthetic Method.
12. Write four uses of Supervised study.

13. Describe the characteristics of team teaching.
14. What principle is followed in flexible grouping?
15. What is the significance of Link practice?
16. Give any two significance of Pedagogical Knowledge for a Teacher.

(5×2 = 10)

Part C

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

Each question carries **4 marks**.

17. Point out the significance of Inductive Method in Mathematics teaching. Illustrate with examples.
18. How will you develop problem solving ability in your students? Illustrate with suitable examples.
19. Suggest the measures that help you to effectively practice "Questioning" in your Mathematics classroom.
20. Briefly explain about any two motivational techniques in the teaching of Mathematics .
21. How do you think that the Microteaching practices will help in your future teaching career?
22. Explain the skill of questioning.
23. Briefly explain the ways through which you can promote a culturally inclusive classroom.

(5×4 = 20)

Part D

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

Each question carries **10 marks**.

24. Give an analytical view regarding application of Concept Maps in teaching learning of Mathematics.
25. Frame a Microteaching manual related to any teaching skill.

(1×10 = 10)