230100028

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

## First Semester

### BACHELOR OF EDUCATION

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

2018 Admission Onwards

9D0E5132

Time: 2 Hours                                                                Max. Marks : 50

### Part A

*Answer **all** questions*

*Each question carries **1** mark.*

1.  What do you mean by Synthetic Method?

2.  Write any two demerits of Problem Solving Method.

3.  Write any two projects from Mathematics at Secondary level.

4.  Mention any two techniques of developing speed in computation.

5.  Give two advantages of Ability Grouping.

6.  What is brain storming?

7.   Write two advantages of Simulation.

8.  What do you mean by Peer Tutoring?

9.  Write two merits of Flexible Grouping.

10. What is a Concept Map?

(10×1 = 10)

### Part B

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

*Each question carries **2** marks.*

11. What is the applicability of Synthetic Method in Mathematics teaching?

12. Suggest any two techniques to enhance Mathematical Creativity among students.

13. Describe the drawbacks of co-operative learning.

14. What is the need for a Reflective Journal?

15. List any two highlighting characteristics of a good Blackboard work.

16. List any two ways a Teacher can use to improve the Pedagogical Knowledge.

$(5×2 = 10)$

## Part C

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

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

17. "Discuss the maxim 'Concrete to Abstract with suitable examples from Mathematics.

18. What are the salient features of Lecture Method?

19. Explain the various Mathematical skills.

20. Briefly explain about different levels of questions with relevant examples from Mathematics.

21. Describe Microteaching.

22. How does link practice help a student teacher in the integration of teaching skills in classroom?

23. How can you improve your Classroom Management using Pedagogical Skills?

$(5×4 = 20)$

## Part D

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

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

24. "Motivation is the process of arousing ,sustaining and regulating activity ." Discuss in detail .

25. Design a Microteaching manual related to the Skill of Questioning.

$(1×10 = 10)$