24805435

B.Ed DEGREE REGULAR/REAPPEARANCE / MERCY CHANCE EXAMINATIONS, OCTOBER 2024

First Semester

BACHELOR OF EDUCATION

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

2019 Admission Onwards

3FD6E5CB

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. What is meant by approaches of teaching Mathematics?

3. List down any two limitations of Inductive Method.

4. Write any two objectives of giving assignments in Mathematics.

5. What is gradation?

6. Define the term Simulation.

7. Mention two techniques to motivate students to learn Mathematics.

8. List two demerits of Co-operative Learning.

9. Name any two Differentiated strategies.

10. Define any one Mathematical Concept.

(10×1 = 10)

Part B

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

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

11. Give any four disadvantages of Analytic Method.

12. Briefly explain about the objectives of Seminar.

13. What are the advantages of Peer Tutoring against Classroom Teaching?

14. What is brain based learning?

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

16. What is the role of Teacher in Inclusive Education?

(5×2 = 10)

Part C

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

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

17. Enumerate the merits and demerits of Problem Solving Method.

18. Enumerate the merits and demerits of Project Method.

19. What are the techniques for developing speed and accuracy in Mathematics ?

20. List out with examples the precuations one must keep in mind while developing questions.

21. As a student teacher explain your Microteaching experience and its significance.

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

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. Explain the various Mathematical skills. How will you develop Mathematical skills in your students?

25. Design a Link practice manual including any three teaching skills.

(1×10 = 10)