



C 42572

(Pages : 2)

377897

Name.....

Reg. No.....

FOURTH SEMESTER B.Ed. DEGREE EXAMINATION, APRIL 2022

B.Ed.

EDU 13.10—PROFESSIONALIZING MATHEMATICS EDUCATION

(2017 Scheme)

Time : Two Hours

Maximum : 40 Marks

Part A

*Answer all questions.
Each question carries 1 marks.*

1. Suggest any *two* Mathematical Games suitable for secondary school students.
2. What are Mathematical Fairs ?
3. Give any *two* characteristics of Dyscalculic student at secondary level.
4. Name any *two* website for getting authoritative information in learning Mathematics.
5. What are discussion Forums ?
6. Write any *two* extension activities for the professional growth of Mathematics Teacher.

(6 × 1 = 6 marks)

Part B

*Answer all questions.
Each question carries 2 marks.*

7. Give any *two* riddles in Mathematics.
8. Suggest any *two* special programmes for Mathematically gifted students.
9. Mention an *two* merits of blogs Mathematics.
10. What are the techno-pedagogical skills needed for a Mathematics Teacher ?

(4 × 2 = 8 marks)

Part C

*Answer any four questions.
Each question carries 4 marks.*

11. How can you organise a Mathematics club in your school ?
12. As a Mathematics teacher how can you promote Mathematical creativity in students ?

Turn over

377897

13. Explain the role of Mathematics Olympiad in improving Mathematics learning.
14. Suggest some remedial measures for overcoming the difficulties of a Dyscalculia student.
15. Discuss the qualities of a Mathematics teacher.
16. Explain Techno Pedagogical Content Knowledge.

(4 × 4 = 16 marks)

Part D

*Answer any one question.
The question carries 10 marks.*

17. Explain the theory of Multiple Intelligence. Write the educational implications of the theory of Multiple Intelligence in Mathematical learning.
18. What is e content development ? Explain the steps in the preparation of e content development.

(1 × 10 = 10 marks)