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Name.....

Reg. No.....

FOURTH SEMESTER B.Ed. DEGREE EXAMINATION, APRIL 2024

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 mark.

1. Give any *two* recreational activities in mathematics learning ?
2. What are mathematical fairs ?
3. Who are slow learners ?
4. Mention any *two* e-journals in Mathematics ?
5. What are discussion forums ?
6. What is techno pedagogy ?

(6 × 1 = 6 marks)

Part B

Answer all questions.

Each question carries 2 marks.

7. Write any *two* causes for poor performance in mathematics.
8. Suggest any *two* activities that can be organised by mathematics club.
9. Give any *two* characteristics of dyscalculic students.
10. Briefly describe professional ethics in teaching mathematics.

(4 × 2 = 8 marks)

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Part C

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

11. Describe the educational implication of theory of Multiple Intelligence in mathematics learning.
12. Write a note on the governmental and non-governmental initiatives in improving mathematics learning.
13. Explain the steps in the e content development.
14. Discuss about e- resources for teaching and learning mathematics.
15. What are the qualities of a mathematics teacher ?
16. What are the provisions for the professional growth of a mathematics teacher ?

(4 × 4 = 16 marks)

Part D

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

17. Who are exceptional children in mathematics ? Explain the special programmes for different type of exceptional children ?
18. Explain Techno Pedagogical Content Knowledge (TPACK) ?

(1 × 10 = 10 marks)