FOURTH SEMESTER B.Ed. DEGREE EXAMINATION, APRIL 2020

B.Ed.

EDU 13.10—PROFESSIONALIZING MATHEMATICS EDUCATION

Time : Two Hours

Maximum : 40 Marks

Part A

Answer all questions.

Each question carries 1 mark.

1. Write any *two* uses of quiz in Mathematics class.

2. Who were the first field medalists ?

3. Mention any two advantages of *e*-journals.

4. What do you mean by Mathematics fairs ?

5. Write any *two* strategies to help the under achievers in Mathematics.

6. Write any *two* soft skills required for a Mathematics teacher.

(6 × 1 = 6 marks)

Part B

Answer all questions.

Each question carries 2 marks.

7. What are the advantages of *facebook* in the teaching-learning process ?

8. Write any *four* Mathematics education resources on the internet ?

9. As a Mathematics teacher, how will you overcome the fear of Mathematics in your students ?

10. What are the techno-pedagogical skills of a Mathematics teacher ?

(4 × 2 = 8 marks)

Part C

Answer any **four** *questions.*

Each question carries 4 marks.

11. What are the different ways to improve the professional growth of Mathematics teachers ?

12. Explain briefly the Governmental and Non-governmental initiatives for improving Mathematics learning.

13. What are the special characteristics of gifted students in Mathematics ?

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14. Write the implications of the theory of multiple intelligences in Mathematics teaching and learning.

15. Elucidate any *four* recreational activities of Mathematics learning.

16. What are the benefits of e-books?

                                                                              (4 × 4 = 16 marks)

Part D

Answer any **one** *question.*

The question carries 10 marks.

17. "Of all the hard jobs around, one of the hardest is being a good teacher." Comment on this statement in the light of the qualities of a good Mathematics teacher.

18. "Sharing is good, and with digital technology, sharing is easy". Comment on this statement by explaining the e-resources for Mathematics teaching and learning.

                                                                              (1 × 10 = 10 marks)