C 22284 (Pages : 2)

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 mark.

1. What are riddles in Mathematics ?

2. Write any *two* reasons for mathematics phobia among students.

3. What is NuMATS ?

4. What are blogs ?

5. Give any *two* traits of professionalism.

6. What is technopedagogy ?

(6 × 1 = 6 marks)

Part B

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

7. Write any *two* activities of mathematics club ?

8. What are the importance of conducting mathematics fairs ?

9. What is an *e*-content ?

10. Briefly describe the soft skills needed for a mathematics teacher ?

(4 × 2 = 8 marks)

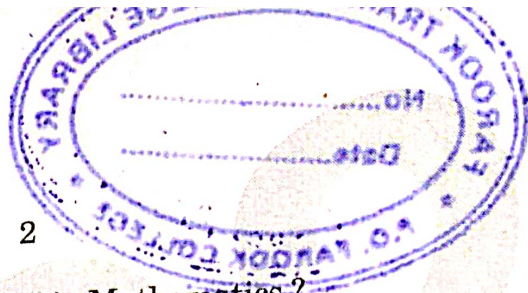## Part C

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

11. Explain the educational implications of theory of Multiple Intelligence in, mathematics learning ?

12. How can you identify a slow learner in your class ?

Turn over

13. Describe the characteristics of a creative child in Mathematics ?

14. Explain the e resources available in Mathematics for teaching and learning ?

15. Discuss the professional ethics in teaching Mathematics ?

16. Describe Techno pedagogical Content Knowledge (TPACK) ?

(4 × 4 = 16 marks)

Part D

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

17. What are recreational activities in Mathematics ? Explain the importance of recreational activities in mathematics learning ?

18. Describe the role of Governmental and Non-governmental initiatives in improving mathematics learning ?

(1 × 10 = 10 marks)