

G 4240

(Pages : 2)

Reg. No.....

Name.....

B.Ed. DEGREE EXAMINATION, APRIL 2019

Fourth Semester

EDU 403.16—PROFESSIONAL DEVELOPMENT OF MATHEMATICS TEACHER

(2015 Admission onwards)

[Regular/Supplementary]

Time : Two Hours

Maximum : 50 Marks

Part A

Answer all questions.

Each question carries 1 mark.

1. List any four qualities of a Mathematics teacher.
2. Write any two ethics of teaching.
3. List two items suitable for Mathematics fair.
4. Write a social/cultural issue in Mathematics education.
5. Give a puzzle and its solution.
6. Mention any two characteristics of a profession.
7. Write two purposes of participating in workshops.
8. Write a strategy to teach the talented students.
9. What is meant by peer networking ?
10. Give the structure of a Mathematics club.

(10 × 1 = 10 marks)

Part B

Answer any five questions.

Each question carries 2 marks.

11. What is the relevance of continuous professional developemnt of a Mathematics teacher ?
12. 'Teacher is a facilitator'—Comment.
13. What are the purposes of inservice programmes ?
14. Explain any two soft skills needed for a teacher.
15. What is the role of recreational activities in Mathematics learning ?
16. What is Mathematics Olympiad ?

(5 × 2 = 10 marks)

Part C

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

17. How does e-twinning help teachers to develop professionalism ?
18. Explain the duties and responsibilities of a Mathematics teacher.
19. Explain any two methods to develop professionalism among teachers.
20. Write a short note on teacher competencies.
21. Discuss the role of teacher as a social resource.
22. Explain any one model of reflective thinking.
23. Explain the functions of a Mathematics club.

(5 × 4 = 20 marks)

Part D

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

24. Explain any one research on new strategy for Mathematics teaching highlighting its implications.
25. Discuss in detail various recreational activities in Mathematics with suitable examples.

(1 × 10 = 10 marks)