

QP CODE: 4010400084



Reg No :

Name :

**B.Ed Degree (Credit & Semester) Regular / Supplementary Examinations,
JUNE 2021**

Fourth Semester

B.Ed Degree

**Pedagogic Course - EDU403.16 - PROFESSIONAL DEVELOPMENT OF A
MATHEMATICS TEACHER**

2018 Admission Onwards

DDC43EA6

Time: 2 Hours

Max. Marks : 50

Part A

Answer all questions

Each question carries 1 mark.

1. List any two qualities of a Mathematics teacher.
2. List any two duties of a Mathematics teacher.
3. What do you mean by professional development of a mathematics teacher?
4. Write any two purposes of in-service programmes.
5. Write any two published works useful to the mathematics teacher.
6. Write two benefits of E- twinning.
7. Write any two challenges in mathematics teaching.
8. Suggest an activity from mathematics to enrich higher secondary school students.
9. List the different levels of mathematical olympiads.
10. Point out the need of research in mathematics education.

(10×1 = 10)

Part B

Answer any five questions in about half a page

Each question carries 2 marks.

11. List any four responsibilities of a Mathematics teacher.





12. A teacher is a researcher. Comment on this statement.
13. Mention two ways and means for professional development of mathematics teachers.
14. Mention any four professional organizations for teachers in India.
15. What is the significance of reflective teaching?
16. Write any two advantages of reflective practices in assessment.

(5×2 = 10)

Part C

*Answer any **five** questions in about **one or two** pages
Each question carries **4** marks.*

17. Suggest measures for ensuring assessment competency in a mathematics teacher.
18. Explain the concept of professional ethics of a teacher.
19. Give a short note on the need for continuous professional development for mathematics teachers.
20. Explain any four soft skills essential for a teacher.
21. Write five questions that can be included in mathematics quiz for higher secondary level.
22. What are recreational activities? How is it helpful for students to learn mathematics?
23. What is the role of language in learning mathematics?

(5×4 = 20)

Part D

*Answer any **one** question in about **three or four** pages.
Each question carries **10** marks.*

24. Explain in detail any ten soft skills in teaching. As a mathematics teacher how will you develop each of them?
25. What are the various recreational activities that can be used in a mathematics classroom? Explain with suitable examples.

(1×10 = 10)