

QP CODE: 221200062A



Reg No :

Name :

B.Ed DEGREE REGULAR/SUPPLEMENTARY EXAMINATIONS, SEPTEMBER 2022

Second Semester

BACHELOR OF EDUCATION

PEDAGOGIC COURSE - EDU205.16 - CURRICULUM AND RESOURCE

DEVELOPEMENT IN MATHEMATICS EDUCATION

2018 Admission Onwards

B08D5D1D

Time: 2 Hours

Max. Marks : 50

Part A

Answer all questions

Each question carries 1 mark.

1. Write the names of any two factors considered while planning a curriculum.
2. List two differences between curriculum and syllabus.
3. What is logical approach in Curriculum Organization?
4. What is meant by individual differences?
5. Who are gifted children?
6. Who are under achievers?
7. List any two learning resources in mathematics.
8. Name any two online resources helpful for studying Mathematics.
9. Write any one use of a workbook.
10. Define the term 'virtual classroom'.

(10×1 = 10)

Part B

Answer any five questions in about half a page

Each question carries 2 marks.

11. Mention the factors to be considered while planning phases of curriculum.





12. What is dyslexia?
13. What are the demerits of spiral approach in curriculum?
14. What do you mean by learning disability?
15. What is meant by mathematics journal?
16. Give any two examples for instructional supports in a Mathematics classroom.

(5×2 = 10)

Part C

Answer any **five** questions in about **one or two** pages

Each question carries **4** marks.

17. Explain the importance of philosophical basis in framing curriculum.
18. Write a short note about Integrated Approach in Mathematics curriculum organization.
19. What are the various ways for identifying slow learners in your classroom?
20. What are the major highlights in NCF with respect to mathematics education?
21. As a teacher how will you help your students to make the maximum utilization of mathematics library?
22. How will you organise mathematics laboratory to concretize mathematical concepts?
23. Explain the qualities required for a good textbook in 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 the various types of curriculum with suitable examples.
25. What do you mean by individual differences? How will you cater the needs of slow learners and under achievers?

(1×10 = 10)

