QP CODE: 220200062A

220200062A

Reg No : .....

Name : .....

B.Ed DEGREE REGULAR/SUPPLEMENTARY EXAMINATIONS, DECEMBER 2021

Second Semester

Pedagogic Course - EDU205.16 - CURRICULUM AND RESOURCE DEVELOPEMENT IN MATHEMATICS EDUCATION

2018 Admission Onwards

8DF4D911

Time: 2 Hours

Max. Marks : 50

Part A

*Answer **all** questions*

*Each question carries **1** mark.*

1. What is the meaning of curriculum?
2. List two differences between curriculum and syllabus.
3. Write any two principles of Curriculum Organization.
4. Write an advantage of correlating Maths curriculum with Geography.
5. Who are under achievers?
6. Who are learning disabled?
7. What do you meant by online libraray?
8. Name any two mathematics journal.
9. What do you mean by a textbook?
10. What is a work book?

(10×1 = 10)

Part B

*Answer any **five** questions in about **half a page***

*Each question carries **2** marks.*

11. List the major components of curriculum planning.
12. What do you mean by the conservative principle in a maths curriculum?
13. How will you identify gifted students in a mathematics classroom?

14. How will you identify slow learners in a mathematics classroom?

15. What are the resources used in learning mathematics?

16. How can we organise a virtual classroom?

(5×2 = 10)

Part C

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

*Each question carries **4 marks.***

17. Explai briefly two technological instructional supports to teach mathematics.

18. Briefly explain the Topical Approach in curriculum organization.

19. Describe the causes of under achievers in mathematics. Suggest two remedial measures.

20. Explain briefly the aims of mathematics education under NCF-2005.

21. What are the functions of mathematics library?

22. How will you equip a mathematics laboratory?

23. What are the major aims of using instructional supports?

(5×4 = 20)

Part D

*Answer any **one** question in about **three or four pages.***

*Each question carries **10** marks.*

24. Define curriculum. Critically evaluate and give suggestions to improve the present Mathematics curriculum at secondary level.

25. What are the qualities of a good textbook in Mathematics? In the light of these qualities, crtiically examine the present Mathematics textbook of Standard VIII.

(1×10 = 10)