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Reg. No.....

Name.....

**B.Ed. (CREDIT AND SEMESTER) DEGREE EXAMINATION
APRIL 2016**

Second Semester

EDU 205.16 – CURRICULUM AND RESOURCE DEVELOPMENT IN MATHEMATICS EDUCATION

(Regular [Two Year Course] – 2015 Admission onwards)

Time : Two Hours

Maximum : 50 Marks

Part A

Answer all questions.

Each question carries 1 mark.

1. What do you mean by curriculum?
2. Write any two difference between Mathematics text book and Mathematics hand book.
3. What is an improvised aid?
4. What is meant by flexible curriculum?
5. What is topical approach in curriculum organisation?
6. Name any *two* journals in Mathematics.
7. Write two uses of technological aids.
8. What is hidden curriculum?
9. Name any *two* e-learning resources.
10. What is community based curriculum?

(10 × 1 = 10 marks)

Part B

Answer any five questions.

Each question carries 2 marks.

11. What are the functions of Mathematics Library?
12. Give the name of four instruments in a Mathematics Lab.
13. Differentiate Explicit and Implicit curriculum.
14. What are the significance of giving "Hands on Experiences"?
15. What are the major aims of Mathematics work book.
16. Mention the advantages of Spiral approach.

(5 × 2 = 10 marks)

Turn over

Part C

Answer any five questions.

Each question carries 4 marks.

17. Explain the characteristics of present school Mathematics curriculum in Kerala.
18. What are the major highlights in NCF with respect to Mathematics Education?
19. What are the functions of a textbook in Mathematics?
20. As a Mathematics teacher, how will you equip a mathematics laboratory in your school.
21. Why should mathematics curriculum be child centered?
22. Briefly outline the technological aids that can be used in a class room.
23. What are the qualities of a good textbook in Mathematics?

(5 × 4 = 20 marks)

Part D

Answer any one question.

The question carries 10 marks.

24. Describe the principles of curriculum organisation in Mathematics. List advantages and disadvantages of each.
25. Describe the various learning resources in Mathematics.

(1 × 10 = 10 marks)