

G 4710

(Pages : 2)

Reg. No.....

Name.....

**B.Ed. DEGREE (CREDIT AND SEMESTER) EXAMINATION, APRIL 2019**

**Second Semester**

**EDU 205.16—CURRICULUM AND RESOURCE DEVELOPMENT IN  
MATHEMATICS EDUCATION**

Time : Two Hours

Maximum : 50 Marks

**Part A**

*Answer all questions.*

*Each question carries 1 mark.*

1. Write a definition for curriculum.
2. What do you mean by a smart classroom ?
3. Mention any *two* advantages of psychological organisation in curriculum.
4. Write any *two* on-line journals in Mathematics Education.
5. List any *two* improvised aids in teaching the concept "Square prism".
6. Write any *two* advantages of teachers handbook.
7. Write a note on virtual classroom.
8. Write any *two* advantages of concentric approach to curriculum organisation.
9. What is hidden curriculum ?
10. Write *two* functions of Mathematics work book.

(10 × 1 = 10 marks)

**Part B**

*Answer any five questions.*

*Each question carries 2 marks.*

11. What do you mean by child-centered curriculum ?
12. Distinguish between curriculum and syllabus.
13. Name any *four* journals in Mathematics Education.
14. Write the advantages of spiral approach to curriculum organisation.
15. What is meant by core curriculum ?
16. What do you mean by improvised aids ?

(5 × 2 = 10 marks)

**Turn over**

**Part C**

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

17. What are the functions of Mathematics Library ?
18. What are the major highlights of NCF with reference to Mathematics education ?
19. What do you mean by differentiated curriculum ?
20. Discuss the role of Mathematics laboratory.
21. Briefly explain the major highlights of KCF with respect to Mathematics Education.
22. Distinguish explicit and implicit curriculum.
23. Write a short note on "Curriculum should be flexible".

(5 × 4 = 20 marks)

**Part D**

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

24. Explain the essential qualities of a good textbook in Mathematics and explain whether the present textbook in Kerala for Standard IX satisfying these qualities.
25. Discuss the principles of curriculum construction.

(1 × 10 = 10 marks)