B.Ed DEGREE REGULAR/SUPPLEMENTARY /MERCY CHANCE EXAMINATIONS, MAY 2024

Second Semester

BACHELOR OF EDUCATION

PEDAGOGIC COURSE - EDU205.16 - CURRICULUM AND RESOURCE DEVELOPEMENT IN MATHEMATICS EDUCATION

2018 Admission Onwards

6BBE0BD6

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 the names of any two phases of curriculum planning.

3. What is Concentric Approach in curriculum organization?

4. Define community based curriculum.

5. What is meant by individual differences?

6. Who are gifted children?

7. Name any two learning resources?

8. What is meant by online laboratory?

9. What is a teachers handbook?

10. What do you mean by smart classroom?

(10×1 = 10)

Part B

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

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

11. Describe the concept of curriculum.

12. Differentiate Logical and Psychological approaches in Curriculum Organization.

13. What are the characteristics of under achievers?

14. What is dyscalculia?

15. What are online journals?

16. How can we use instructional supports effectively in your 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 technological basis in framing curriculum.

18. Does the prevailing curriculum fulfils the aims of secondary Education? Justify your views.

19. What measures can be taken to cater the needs of a slow learner in a math classroom?

20. What are the major highlights in NCF with respect to mathematics education?

21. Explain the significance of mathematics laboratory in school.

22. Discuss various online resources in mathematics.

23. What are improvised aids? How can we prepare improved aids for the teaching of Mathematics.

(5×4 = 20)

Part D

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

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

24. Explain the various learning resources that can be used in a Mathematics classroom.

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)