



QP CODE: 24801898



24801898

Reg No : .....

Name : .....

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

**Second Semester**

BACHELOR OF EDUCATION

**PEDAGOGIC COURSE - EDU205.17 - CURRICULUM AND RESOURCE  
DEVELOPEMENT IN PHYSICAL SCIENCE EDUCATION**

2018 Admission Onwards

90C47C1B

Time: 2 Hours

Max. Marks : 50

**Part A**

*Answer **all** questions*

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

1. Give two features of a Syllabus.
2. What is meant by implementation Phase of Curriculum Planning?
3. Beginning from a nucleus the circles of knowledge go on widening'. What is this approach known as?
4. What is meant by 'topical approach'?
5. Write any two demerits of child centered curriculum.
6. Write any two features of community based curriculum.
7. What are online resources?
8. Name any two science journals.
9. Mention any four characteristics of a good Text book.
10. Write any two uses of Smart board.

(10×1 = 10)

**Part B**

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

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

11. Define Curriculum.





12. Explain the swing of a pendulum approach with a suitable example from science text book.
13. Mention any four merits of core curriculum.
14. Mention any two recommendations of KCF 2007.
15. Online journals promotes research - Comment on it.
16. When is virtual classroom preferred to a traditional classroom?

(5×2 = 10)

### **Part C**

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

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

17. Explain the Foundations of Curriculum.
18. Curriculum varies with Politics. Explain.
19. Describe 'movement down a long road' approach of curriculum organisation by citing a suitable example from science topic.
20. Briefly explain the features of differentiated curriculum to meet the learning needs of under achievers in your classroom.
21. Explain the role of laboratory in Physical Science Learning.
22. Teacher's Text book is a ready reference material to supplement classroom teaching'. Substantiate this statement.
23. Briefly describe about the importance of Improvised aids in Science teaching.

(5×4 = 20)

### **Part D**

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

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

24. Explain the principles underlying curriculum construction. Give suitable examples from secondary school physical science topic.
25. Science library promotes scientific literacy among students' . Explain. As a physical science teacher, how will you organise the science library to achieve this objective?

(1×10 = 10)

