

QP CODE: 221200063A



Reg No :

Name :

B.Ed DEGREE REGULAR/SUPPLEMENTARY EXAMINATIONS, SEPTEMBER 2022

Second Semester

BACHELOR OF EDUCATION

PEDAGOGIC COURSE - EDU205.17 - CURRICULUM AND RESOURCE

DEVELOPEMENT IN PHYSICAL SCIENCE EDUCATION

2018 Admission Onwards

3007901F

Time: 2 Hours

Max. Marks : 50

Part A

Answer all questions

Each question carries 1 mark.

1. Name the Latin word from which Curriculum is derived . What is its meaning?
2. List four factors of Curriculum Planning.
3. What is meant by 'Movement down a long road' approach?
4. What is meant by 'topical approach'?
5. Write down any two features of core curriculum.
6. Write down any two demerits of differentiated curriculum.
7. What is laboratory teaching?
8. Mention any two online Learning Resources.
9. Write the name of any two Reference books in Science.
10. What is a Virtual classroom?

(10×1 = 10)

Part B

Answer any five questions in about half a page

Each question carries 2 marks.

11. Explain the Planning Phase of Curriculum Planning.



12. Describe the swing of a pendulum approach of curriculum organisation.
13. What are the principles of child centered curriculum?
14. Write any two activities suitable for students with Learning Disabilities in a science class.
15. What are some reputable science journals?
16. List the uses of Teacher's Text book.

(5×2 = 10)

Part C

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

Each question carries **4 marks**.

17. Why should we not adopt the curriculum of a different country? Explain in terms of foundations of Curriculum.
18. Differentiate between Curriculum and Syllabus by taking the example of High school science education.
19. Write a short note on principles of curriculum construction.
20. Differentiate between subject centered and community based curriculum.
21. Briefly describe any one science journal.
22. Mention any two ways that you will adopt to make your students to read the Science Text book.
23. How effectively one can use Improvised teaching aids in Science teaching in this era of technological revolution?

(5×4 = 20)

Part D

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

Each question carries **10 marks**.

24. Compare and contrast spiral and concentric approaches to curriculum organisation with suitable examples from secondary school physical science textbook.
25. Explain the educational value of Science library. As a science teacher, what steps you will adopt to organise a science library in your school?

(1×10 = 10)

