

QP CODE: 221200064A



Reg No :

Name :

B.Ed DEGREE REGULAR/SUPPLEMENTARY EXAMINATIONS, SEPTEMBER 2022

Second Semester

BACHELOR OF EDUCATION

PEDAGOGIC COURSE - EDU205.18 - CURRICULUM AND RESOURCE

DEVELOPEMENT IN NATURAL SCIENCE EDUCATION

2018 Admission Onwards

CE024711

Time: 2 Hours

Max. Marks : 50

Part A

Answer all questions

Each question carries 1 mark.

1. Write any two phases in curriculum planning.
2. Suggest two activities in Biology to bring out the creativity of students.
3. Give an example for hidden curriculum.
4. Define the term under achiever.
5. Expand the KCF.
6. Suggest an online library for Biology learning.
7. What is a science journal?
8. What is a field trip?
9. What do you mean by instructional support in Natural Science?
10. What is virtual classroom?

(10×1 = 10)

Part B

Answer any five questions in about half a page

Each question carries 2 marks.

11. Briefly explain syllabus.





12. What is regressive approach of curriculum organisation?
13. Write any two advantages and disadvantages of child centred curriculum.
14. Enlist the characteristics of gifted students.
15. Write any four advantages of a school library.
16. Write four advantages of having a text book for subjects.

(5×2 = 10)

Part C

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

Each question carries 4 marks.

17. Describe the various foundations of curriculum development.
18. Explain how topic approach differs from unit approach in curriculum organisation?
19. Illustrate the difference between spiral and concentric approaches of curriculum organisation.
20. What are the programmes that can be adopted for students with dyscalculia?
21. Give an account of science education according to NCF.
22. What are the general principles of laboratory construction?
23. How far does interactive white boards replace the traditional chalk and board system?

(5×4 = 20)

Part D

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

Each question carries 10 marks.

24. Explain the provisions given in Kerala curriculum framework for science education.
25. What are online resources? Elucidate the role of online resources in the present 21st century.

(1×10 = 10)

