

QP CODE: 220200064A



Reg No :

Name :

B.Ed DEGREE REGULAR/SUPPLEMENTARY EXAMINATIONS, DECEMBER 2021

Second Semester

**Pedagogic Course - EDU205.18 - CURRICULUM AND RESOURCE DEVELOPEMENT
IN NATURAL SCIENCE EDUCATION**

2018 Admission Onwards

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Time: 2 Hours

Max. Marks : 50

Part A

Answer all questions

Each question carries 1 mark.

1. Write two advantages of syllabus.
2. Give an example for interdisciplinary approach of curriculum organisation.
3. What is community based curriculum?
4. Write any two characteristics of gifted students.
5. What is learning disability?
6. Write two learning resources through which a child can enrich himself in biology.
7. Suggest an online laboratory for Biology.
8. Write two advantages of field trip.
9. List any two characteristics of virtual classroom.
10. List any four equipments to be used in a smart classroom.

(10×1 = 10)

Part B

Answer any five questions in about half a page

Each question carries 2 marks.

11. Write any two definitions of curriculum.
12. What is the relevance of the principle of motivation in curriculum construction?
13. Write a short note on child centred curriculum.



14. What is the importance of flexible curriculum for slow learners?
15. Suggest any four advantages of improvised aids in developing values in a science laboratory.
16. List any four disadvantages of work book.

(5×2 = 10)

Part C

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

Each question carries **4 marks**.

17. Write a note on curriculum planning.
18. Explain topic approach with its advantages and disadvantages.
19. Explain spiral approach with its advantages and disadvantages.
20. Explain the criteria of validity of science curriculum based on NCF.
21. Explain the areas emphasised in KCF in relation with science education.
22. Explain the structure of library and its organisation.
23. "A good text book should be a servant, not a master" comment.

(5×4 = 20)

Part D

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

Each question carries **10 marks**.

24. Elaborate the suggestions related to science education with respect to Kerala curriculum framework.
25. Describe briefly the learning resources that can be used in teaching Natural Science.

(1×10 = 10)

