

QP CODE: 4010200064



Reg No :

Name :

B.Ed Degree (Credit & Semester) Examination, NOVEMBER 2020

Second Semester

B.Ed Degree

**PEDAGOGIC COURSE –ELECTIVE - EDU205.18 - CURRICULUM AND RESOURCE
DEVELOPEMENT IN NATURAL SCIENCE EDUCATION**

2018 Admission Onwards

41E547B2

Time: 2 Hours

Max. Marks : 50

Part A

Answer all questions

Each question carries 1 mark.

1. List out the foundations of curriculum.
2. List any two examples of ensuring the principle of conservation in high school Biology curriculum.
3. Write any two advantages of child centred curriculum.
4. Write any two advantages of community based curriculum.
5. Write any two problems of gifted children.
6. What are learning resources?
7. What is an online laboratory?
8. Write two uses of a science journal.
9. What is teachers hand book?
10. Give any two examples of improvised teaching aids.

(10×1 = 10)

Part B

Answer any five questions in about half a page

Each question carries 2 marks.

11. List down the phases of curriculum planning.
12. Explain topic approach.



13. What are the symptoms of dysgraphia?
14. Briefly explain the learning methodology suggested by KCF for science education.
15. Write down the demerits of online resources.
16. Point out the objectives of smart classroom.

(5×2 = 10)

Part C

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

Each question carries **4 marks**.

17. Differentiate between curriculum and syllabus.
18. Explain concentric approach with its advantages and disadvantages.
19. Explain the significance of interdisciplinary approach of curriculum organisation
20. Explain the strategies that can be used to teach slow learners.
21. What are the strategies that can be adopted for under achievers?
22. Explain the importance of science library in school.
23. How a science teacher can make a virtual classroom interesting? Support with an example.

(5×4 = 20)

Part D

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

Each question carries **10 marks**.

24. Elaborate the principles of curriculum construction.
25. Library is considered as the 'soul' of school complex. Substantiate.

(1×10 = 10)

