



23301801

QP CODE: 23301801

Reg No :

Name :

**B.Ed DEGREE REGULAR / REAPPEARANCE / MERCY CHANCE EXAMINATIONS,
NOVEMBER 2023**

First Semester

BACHELOR OF EDUCATION

**PEDAGOGIC COURSE - EDU104.18 - UNDERSTANDING THE DISCIPLINE OF
NATURAL SCIENCE EDUCATION**

2018 Admission Onwards

28EE8FA7

Time: 2 Hours

Max. Marks : 50

Part A

Answer **all** questions

Each question carries **1** mark.

1. What was Alexander Fleming's first discovery?
2. Define Science.
3. Write any two characteristics of scientific data.
4. What is Health Index?
5. Suggest any two topics from Biology that can be taught in correlation with life .
6. Write any two co-curricular activities in science that helps to develop scientific attitude.
7. What do you mean by 'think out of the box'?
8. Write two objectives of cognitive domain.
9. What are the cognitive process dimensions in the revised Bloom's taxonomy of educational objectives?
10. List any two specifications of the objective 'Synthesis'.

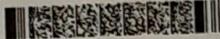
(10×1 = 10)

Part B

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

Each question carries **2** marks.

11. What is biodiversity?

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12. Differentiate a fact from a concept.
 13. Distinguish between analysis and synthesis.
 14. What is environmental equilibrium?
 15. Give any two reasons for adopting intradisciplinary approach in Natural Science teaching.
 16. State the basic process skills in Science.

(5×2 = 10)

Part C

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

Each question carries **4** marks.

17. Scientists need evidence -Explain.
18. Bring out the significance of "Control" in an experimental procedure.
19. Briefly explain the general aims of Science education.
20. Explain Scientific Literacy.
21. Objectives are policy statements of education. Justify.
22. Comment on the evaluation of non cognitive areas. How will you evaluate interest, attitude and skill of your students?
23. Briefly discuss the significance of competence based instruction with suitable example.

(5×4 = 20)

Part D

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

Each question carries **10** marks.

24. Pollution spoils our environment. Illustrate with examples.
25. Briefly explain the general objectives of teaching natural science at different levels of school education.

(1×10 = 10)