



230100019

QP CODE: 230100019

Reg No :

Name :

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

First Semester

BACHELOR OF EDUCATION

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

2018 Admission Onwards

2DE60711

Time: 2 Hours

Max. Marks : 50

Part A

Answer all questions

Each question carries 1 mark.

1. Write any two applied branches of Natural Science.
2. Write any two process of science.
3. State any one Scientific theory.
4. Name the factors affecting health.
5. Write any two topics from Biology that can be taught in correlation with language.
6. What do you mean by open mindedness ?
7. Give any one classroom activity that is intended for developing scientific creativity.
8. Define learning objective.
9. What are the three domains of Bloom's Taxonomy of Educational Objectives?
10. Define Competency Based Instruction.

(10×1 = 10)

Part B

Answer any five questions in about half a page

Each question carries 2 marks.

11. Who is the father of modern microbiology?
12. Write the difference between natural and artificial observation.
13. Science demands evidence -Write two examples.



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14. List out two methods of teaching which give more importance to experiment.
 15. Explain Incidental Correlation. Give example.
 16. What is specification? State two specifications of an objective.

(5×2 = 10)

Part C

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

Each question carries **4** marks.

17. Explain the role of Hypothesis in scientific method with suitable example.
18. Differentiate between Molecular biology and Genetic engineering.
19. "Scientific attitude of young generation is essential for the progress of the society". Justify the statement.
20. Explain the general objectives of teaching Natural Science at the primary school level.
21. Briefly discuss the terminological changes in the revised Bloom's Taxonomy of Educational Objectives.
22. Illustrate the relation between Objectives and Learning Experience with an example.
23. Explain any four the basic process skills in Science with suitable examples.

(5×4 = 20)

Part D

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

Each question carries **10** marks.

24. Scientific and technological development has made life comfortable and raised the standard of living. Substantiate.
25. Briefly explain the general aims of teaching Natural Science. Examine how these aims are helpful in achieving the National goals of Education.

(1×10 = 10)