

**B.Ed DEGREE REGULAR/SUPPLEMENTARY EXAMINATIONS, SEPTEMBER 2021****First Semester****Pedagogic Course - EDU104.18 - UNDERSTANDING THE DISCIPLINE OF NATURAL  
SCIENCE EDUCATION**

2018 Admission Onwards

677A77D1

Time: 2 Hours

Max. Marks : 50

**Part A***Answer all questions**Each question carries 1 mark.*

1. What is Blue Revolution?
2. List any two applications of science.
3. Define scientific method.
4. Write any two ways to develop the skill of natural observation among students.
5. Write any two topics from Biology that can be taught in correlation with ICT.
6. What is scientific attitude?
7. Give any two characteristics of a person who shows scientific creativity.
8. Write any two specifications of the objective creating.
9. What is meant by specification?
10. Write any two specifications of Attitudinal domain.

(10×1 = 10)

**Part B***Answer any five questions in about half a page**Each question carries 2 marks.*

11. State the 'Law of Segregation'.
12. Explain the meaning of science.
13. Science is both process and product. Give example.
14. Describe the aim of teaching science in primary classes.
15. Distinguish between Systematic and Incidental correlation.
16. Differentiate between aims and objectives.



### Part C

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

Each question carries **4 marks**.

17. Define Theory. Explain the qualities of a good theory using appropriate examples.
18. List any four scientific investigations that lead to social change.
19. Identify the need and importance of scientific literacy.
20. Explain the general objectives of teaching Natural Science at the secondary school level.
21. What is objective based instruction? How objectives, learning experience and evaluation are interrelated?
22. Write a short note on the relationship between Learning Experience and Evaluation.
23. What do you mean by competence based evaluation? Illustrate with an example.

(5×4 = 20)

### Part D

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

Each question carries **10 marks**.

24. Illustrate the various techniques of cultivation used in the field of agriculture.
25. Give a brief overview of Bloom's Taxonomy of Educational Objectives.

(1×10 = 10)

