

220100019A

QP CODE: 220100019A

Reg No :

Name :

**B.Ed DEGREE (REGULAR / SUPPLEMENTARY) EXAMINATIONS,
MARCH 2022
First Semester
PEDAGOGIC COURSE - EDU104.18 - UNDERSTANDING THE DISCIPLINE OF
NATURAL SCIENCE EDUCATION**

2018 Admission Onwards

44789E7D

Time: 2 Hours

Max. Marks : 50

Part A

Answer **all** questions

Each question carries **1** mark.

1. Who is the 'bird man' of India?
2. What is the meaning of Science?
3. What do you mean by scientific enquiry?
4. Scientists need evidence. Give an example.
5. What is meant by Systematic Correlation?
6. Mention any two values of teaching Natural Science.
7. Write any two anticipated outcomes of teaching Natural Science.
8. Write any two specifications of the objective understanding.
9. Write any two specifications of the objective 'Application'.
10. Define objective based instruction.

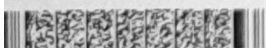
(10×1 = 10)

Part B

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

Each question carries **2** marks.

11. List any four applied branches of Natural Science.
12. Suggest an experiment to prove the need of sunlight for photosynthesis.
13. Differentiate renewable and nonrenewable resources.
14. What is Longevity?





15. How would you teach Natural Science in correlation with life ? Give examples.
16. State the objectives in the cognitive domain.

(5×2 = 10)

Part C

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

Each question carries **4** marks.

17. Product and process aspects of science are interdependent and inseparable like the two sides of the same coin. Justify.
18. Natural resources provide food, fodder, fuel, medicine and cloth for man and help to sustain life-illustrate.
19. Suggest any four activities to develop scientific attitude among students.
20. Explain the general objectives of teaching Natural Science at the higher secondary school level.
21. Illustrate the relation between Objectives and Evaluation with an example.
22. What is the significance of competence based evaluation?
23. Bring out the significance of developing process skills among school students.

(5×4 = 20)

Part D

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

Each question carries **10** marks.

24. Discuss briefly the product and process aspects of science with examples.
25. Explain the concept of correlation in teaching Natural Science. Suggest measures to correlate Biology with other Disciplines.

(1×10 = 10)

