

QP CODE: 220100030A



Reg No :

Name :

B.Ed DEGREE (REGULAR / SUPPLEMENTARY) EXAMINATIONS, MARCH 2022
First Semester

PEDAGOGIC COURSE - EDU105.18 - LEARNING TO FUNCTION AS NATURAL
SCIENCE TEACHER

2018 Admission Onwards

C582C618

Max. Marks : 50

Time: 2 Hours

Part A

Answer **all** questions

Each question carries **1** mark.

1. Define problem solving.
2. What is heuristic method?
3. Write any two disadvantages of biographical method.
4. What are the significance of debate?
5. Write two limitations of role play.
6. What are the type of assignments that we give to the students?
7. What do you mean by peer tutoring?
8. What do you mean by team teaching?
9. Define Pedagogy.
10. Write any two strategies to motivate a child with learning disability.

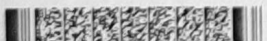
(10×1 = 10)

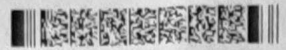
Part B

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

Each question carries **2** marks.

11. Give a situation in which the maxim of learning - Simple to Complex can be applied in teaching Natural Science.
12. List any two topics from biology that can be taught through project method.





13. Which are the steps in co-operative learning?
14. Why is Brain based learning important?
15. Why is Reflective journal important?
16. Analyse the importance of link practice in teacher training.

(5×2 = 10)

Part C

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

Each question carries **4 marks**.

17. Explain the advantages of learner centred approaches to science teaching.
18. What are the criteria for a demonstration in science classroom to be successful?
19. Is it feasible to apply brain storming in lower classes? Substantiate.
20. Give a detailed description about the merits and demerits of Concept mapping.
21. How do you promote inclusiveness in the classroom?
22. Discuss the steps in microteaching.
23. Explain the concepts involved in absorption and conduction of water in plants.

(5×4 = 20)

Part D

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

Each question carries **10 marks**.

24. What are the innovative strategies that can be applied by a constructivist teacher to make the class more effective?
25. Elucidate the components of skill of stimulus variation with example.

(1×10 = 10)

