



230100030

QP CODE: 230100030

Reg No :

Name :

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

BACHELOR OF EDUCATION

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

2018 Admission Onwards

3B053C16

Time: 2 Hours

Max. Marks : 50

Part A

Answer all questions

Each question carries 1 mark.

1. Choose any two teaching methods that can be practiced in discovery approach of teaching Natural Science.
2. Name the teaching method which promotes discovery learning.
3. List any two science projects that can be given to secondary school students.
4. Suggest a topic in biology for debate.
5. Define role play.
6. List two limitations of supervised study.
7. List any two advantages of co-operative learning.
8. Who proposed Brain based learning?
9. What is meant by Pedagogical Competence ?
10. What do you mean by Pedagogical skills?

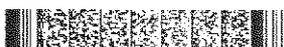
(10×1 = 10)

Part B

Answer any five questions in about half a page

Each question carries 2 marks.

11. What do you mean by Maxims of teaching?
12. Problem solving method helps to develop problem solving skill among students. Analyse.
13. List any four merits of peer tutoring.
14. Write any four merits of team teaching.



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15. What are the advantages of Differentiated strategies used in a classroom?
 16. Why is microteaching considered as a cyclic process?

(5×2 = 10)

Part C

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

Each question carries **4 marks**.

17. How heuristic method is useful for the learners?
18. Write a short essay on biographical method.
19. What are the advantages of brain storming?
20. Write a brief account of Mind maps.
21. How reflective journal writing can be fostered?
22. Explain the components of skill of probing questions.
23. How can pedagogical knowledge contribute to pedagogical creativity?

(5×4 = 20)

Part D

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

Each question carries **10 marks**.

24. Lecture -cum-demonstration method is very much effective for teaching science. Evaluate the statement
25. Describe briefly the instructional techniques that can be applied in teaching natural science.

(1×10 = 10)