

QP CODE: 4010100129



Reg No :

Name :

B.Ed DEGREE REGULAR/SUPPLEMENTARY EXAMINATIONS, SEPTEMBER 2021

First Semester

**Pedagogic Course - EDU105.17 - LEARNING TO FUNCTION AS PHYSICAL
SCIENCE TEACHER**

2018 Admission Onwards

6E4B92F5

Time: 2 Hours

Max. Marks : 50

Part A

Answer all questions

Each question carries 1 mark.

1. Give an example to substantiate the maxim of learning "Concrete to Abstract".
2. Write the demerits of project method.
3. Write any two merits of questioning.
4. Mention any two advantages of a base group in Physical science Classroom.
5. What is reciprocal peer tutoring?
6. Suggest an innovative strategy that would enhance self study skills as well as problem solving skill of students.
7. Write two advantages of Reflective Journaling for students.
8. What presupposes a reflective and critical approach to teaching, learning and pedagogical development?
9. What is classroom management?
10. Mention any two benefits of culturally inclusive classroom.

(10×1 = 10)

Part B

Answer any five questions in about half a page

Each question carries 2 marks.

11. Write the characteristics of a good demonstration.



12. Heuristic method is based on the principle of 'Learning by doing'. Substantiate.
13. How will you conduct a debate?
14. Which are the advantages of giving assignments to students? How does it help in self learning?
15. Write two merits of Concept Maps.
16. Briefly describe pedagogical skills

(5×2 = 10)

Part C

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

Each question carries **4** marks.

17. Differentiate between Inductive and Deductive approaches.
18. Explain how we can execute Problem Solving method in science classes?
19. What is the importance of drill work in science teaching? Give an instance in science teaching where drill work can be effectively utilized.
20. Explain the different types of Team Teaching.
21. Write a short note on Think- Pair- Share strategy .
22. Write down the importance of microteaching in acquiring the teaching skills for a student teacher.
23. How the motivational techniques of a teacher contributed towards the interest of students towards science?

(5×4 = 20)

Part D

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

Each question carries **10** marks.

24. In order to make use of Scientific method, students should be taught and well trained in the method of attacking a problem. Justify this statement by explaining the steps involved in the method with suitable examples.
25. What is meant by microteaching? Draw the microteaching cycle and explain.

(1×10 = 10)