

QP CODE: 220400085A



Reg No : .....

Name : .....

**B.Ed DEGREE REGULAR/SUPPLEMENTARY EXAMINATIONS, JULY 2022**  
**Fourth Semester**  
**PEDAGOGIC COURSE - EDU403.17 - PROFESSIONAL DEVELOPMENT OF A**  
**PHYSICAL SCIENCE TEACHER**

2018 Admission Onwards

6B8201E6

Time: 2 Hours

Max. Marks : 50

**Part A**

*Answer all questions*

*Each question carries 1 mark.*

1. List any two duties of a teacher.
2. What is meant by teacher accountability?
3. Write two ethics of teacher profession.
4. Name any two National level Professional Organisations for Science teachers.
5. What is a Published work?
6. Name two soft skills that are most essential for a Physical science Teacher.
7. Define Reflection.
8. What is the objective of Science club?
9. Name any two innovative instructional strategies in science learning.
10. Write any one social issue in science education

(10×1 = 10)

**Part B**

*Answer any five questions in about half a page*

*Each question carries 2 marks.*

11. What are the advantages of having vision and mission for a teacher?



12. Suggest reasons for recommending inservice programme for Physical Science teachers.
13. What is the role of reflection in meeting the challenges in Science teaching?
14. Write any two benefits of using puzzles in Science classroom
15. What is the need for research in assessment practices in science learning?
16. Which are the groups of children who have diverse learning needs?

(5×2 = 10)

### Part C

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

*Each question carries 4 marks.*

17. Explain the role of science teacher as a researcher.
18. Explain the significance of professional development.
19. Why is a teacher considered as a professional?
20. How can you effectively reflect upon your own instruction?
21. Describe the reflective practices in assessment.
22. Describe the procedure to be followed in Science Olympiad
23. First hand experience tends to be more meaningful in teaching- learning process. Substantiate citing the importance of Field trip

(5×4 = 20)

### Part D

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

*Each question carries 10 marks.*

24. For a Physical science teacher different situation demand different competencies. Analyse the statement using five different competencies.
25. A burning lamp can only light another lamp. Explain this proverb in the context of continuous professional development.

(1×10 = 10)

