

QP CODE: 4010400085



Reg No : _____
Name : _____

**B.Ed Degree (Credit & Semester) Regular / Supplementary Examinations,
JUNE 2021**

Fourth Semester

B.Ed Degree

**Pedagogic Course - EDU403.17 - PROFESSIONAL DEVELOPMENT OF A PHYSICAL
SCIENCE TEACHER**

2018 Admission Onwards

16872D87

Time: 2 Hours

Max. Marks : 50

Part A

Answer all questions

Each question carries 1 mark.

1. List any two duties of a Science teacher.
2. Mention two types of research that a teacher can do.
3. What is your vision as a physical science teacher?
4. Why professional development is recommended for teachers ?
5. Give two importance of continuous professional development.
6. What is a Seminar?
7. What is reflective practice?
8. What is a Field trip?
9. Write any one research topic from instructional strategies in physical science.
10. Name two strategies to teach students with diverse learning needs and talents.

(10×1 = 10)

Part B

Answer any five questions in about half a page

Each question carries 2 marks.

11. Briefly describe teacher competencies related to working with parents.



12. Why is inservice programmes essential for science teachers?
13. What is reflection? Why is it important in teaching?
14. What are the objectives of a Science club?
15. What are the new research trends in assessment practices in science learning?
16. Mention any two social issues in science education.

(5×2 = 10)

Part C

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

Each question carries **4 marks**.

17. Explain accountability of a teacher towards community and nation.
18. What do you mean by professional organisations for teachers? Give examples of professional organisations for Science teachers and state their role in developing professionalism.
19. Can we think of E- twinning in the Indian context? What would be the advantages of having E- twinning in India.
20. Discuss the importance of reflective practices in assessment.
21. Explain the role of reflection in meeting the challenges in Science teaching.
22. Write a short note on Science Olympiad.
23. Explain the role of games in science learning. Illustrate with example.

(5×4 = 20)

Part D

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

Each question carries **10 marks**.

24. What do you mean by professional ethics? Explain its significance in teaching profession.
Explain the code of professional ethics for school teachers.
25. 'Infusing soft skills in the curriculum of teacher education is the need of the profession for it to be successful'. Justify this statement with proper explanation.

(1×10 = 10)

