



23301784

QP CODE: 23301784

Reg No :

Name :

**B.Ed DEGREE REGULAR/SUPPLEMENTARY /MERCY CHANCE EXAMINATIONS,
JULY 2023**

Fourth Semester

**PEDAGOGIC COURSE - EDU403.17 - PROFESSIONAL DEVELOPMENT OF A
PHYSICAL SCIENCE TEACHER**

2018 Admission Onwards

D13EC593

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. List any two management competencies of a teacher.
3. What is your vision as a physical science teacher?
4. Give two characteristics of teaching that makes it a Profession.
5. Why is inservice programmes essential for science teachers?
6. Suggest two advantages of e-twinning?
7. Give any two advantages of using reflective practices in instruction.
8. Name any two Physical Science contests.
9. Name two strategies to teach students with diverse learning needs and talents.
10. Write any one cultural issue in science education.

(10×1 = 10)

Part B

Answer any five questions in about half a page

Each question carries 2 marks.

11. Which is the most important quality of a teacher from your view point? Why?
12. Give the importance of continuous professional development.





13. What is reflection? Why is it important in teaching?
14. Write any two objectives of Field trip.
15. Write any two major developments in instructional strategies of science learning.
16. List out any four innovative assessment practices in science learning.

(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 the Learner.
18. How do seminars and workshops help in Professional development?
19. Explain the role of Published works in professional development .
20. Discuss the importance of reflective practices in assessment.
21. Explain the role of reflection in meeting the challenges in Science teaching.
22. How will Science club activities help a student to develop scientific attitude?
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. Explain the significance of professional development of Science Teachers in the Indian context.

(1×10 = 10)