



25800592

**QP CODE: 25800592**

**Reg No** : .....

**Name** : .....

**B.Ed DEGREE REGULAR/REAPPEARANCE/MERCY CHANCE EXAMINATIONS,  
FEBRUARY 2025**

**Fourth Semester**

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

2019 Admission Onwards

BF965535

Time: 2 Hours

Max. Marks : 50

**Part A**

*Answer **all** questions*

*Each question carries **1** mark.*

1. Write any two qualities of a science teacher.
2. Write any two responsibilities of a Science teacher.
3. What is meant by teacher accountability?
4. State two reasons as to why you consider teaching as a profession.
5. Professional development must be continuous. State two reasons for the same.
6. How do one's own published works contribute to the professional development of self?
7. Give any two advantages of using reflective practices in instruction.
8. What is a riddle?
9. Write any two areas of research in physical science.
10. Write any one research trend in assessment practices in science learning.

(10×1 = 10)

**Part B**

*Answer any **five** questions in about **half a page***

*Each question carries **2** marks.*

11. Briefly describe the professional ethics of teachers.
12. State reasons for recommending professional development for teachers.
13. What is reflection? Why is it important in teaching?
14. Write any two advantages of field trip.





15. What are the new trends in teaching students with diverse learning needs and talents?
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. Action research is the most suitable type of research for a school teacher. Do you agree with this? Give reasons.
18. How will you help your colleague to develop professionalism ?
19. Are workshops and seminars the same? What makes them different?
20. Discuss the importance of reflective practices in assessment.
21. Discuss how reflection help to overcome the challenges in Science teaching.
22. How will Science club activities help a student to develop scientific attitude?
23. How will you organise Science fares in school?

(5×4 = 20)

### **Part D**

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

*Each question carries **10** marks.*

24. Describe in detail the competencies expected of a teacher.
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)

