



23301800

QP CODE: 23301800

Reg No :

Name :

**B.Ed DEGREE REGULAR / REAPPEARANCE / MERCY CHANCE EXAMINATIONS,
NOVEMBER 2023**

First Semester

BACHELOR OF EDUCATION

**PEDAGOGIC COURSE - EDU104.17 - UNDERSTANDING THE DISCIPLINE OF
PHYSICAL SCIENCE EDUCATION**

2018 Admission Onwards

BFF59EBF

Time: 2 Hours

Max. Marks : 50

Part A

Answer all questions

Each question carries 1 mark.

1. Write any two contributions of C.V. Raman.
2. Write any two contributions of Stephen Hawking.
3. Define science.
4. Write two characteristics of science.
5. Write an example to correlate science with environment.
6. Define value.
7. Define scientific attitude.
8. What do you mean by learning objectives?
9. Mention any two advantages of Bloom's taxonomy.
10. If a student can write a script and play science drama, what kind of cognitive process has been achieved?

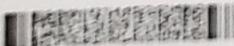
(10×1 = 10)

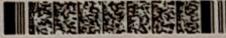
Part B

Answer any five questions in about half a page

Each question carries 2 marks.

11. List any four interdisciplinary subjects in science.



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12. What are the product and process aspects of science?
 13. Illustrate the correlation between Physics and Chemistry with suitable examples.
 14. Write any two aims of teaching physical science at secondary level.
 15. Write any four specifications comes under 'Application" domain.
 16. How are objectives and learning experience related in an instruction?

(5×2 = 10)

Part C

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

*Each question carries **4** marks.*

17. Briefly describe the evolution of science as a subject.
18. Discuss the paradigm shift in physical science..
19. What is sustainable development and why is it important?
20. Explain with examples, the correlation of science with daily life situations.
21. As a physical science teacher how will you develop scientific creativity among your students?
22. Explain objective based evaluation.
23. Explain the importance of competency based instruction in Science.

(5×4 = 20)

Part D

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

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

24. What is meant by correlation? Explain the types of correlation citing suitable examples. Discuss the advantages of correlation.
25. Describe McCormack and Yager's Taxonomy of Educational Objectives.

(1×10 = 10)