



Avinashilingam Institute for Home Science and Higher Education for Women
Deemed to be University Estd. u/s 3 of UGC Act 1956, Category A by MHRD [now MoE]
Re-accredited with an 'A++' Grade by NAAC CGPA 3.65/4, Category I by UGC
Coimbatore - 641 043, Tamil Nadu, India

Continuous Internal Assessment Test I – August 2025
I Semester

Class : I B.Ed.

Max. Marks: 60
Time: 2 Hrs

23BEDP11-School Subject I-Introduction to Physical Science Education

Course outcomes

- CO1** gain knowledge on basic concepts of Physical Science
CO2 identify that science is related to other subjects
CO3 formulate objectives for teaching and learning science and use bloom's taxonomy for evaluation
CO4 familiarize with the development of science and appreciate the contribution of scientists
CO5 demonstrate the qualities and competencies required for a Science teacher

PART – A

Choose the correct answer

6 x 1 = 6

1. The word 'Scientia' means
a. Attitude b. Skill c. Knowledge d. Mind **CO1K1**
2. A branch of science that deals with the study of non-living process and systems is
a. Physical Science B. Social Science **CO1K1**
c. Biological Science D. Earth Science
3. Which of the following is NOT a recognized educational value of physical science?
a. Cultural Value b. Aesthetic Value **CO1K2**
c. Heredity Value d. Utilitarian value
4. The study of earth implies a correlation between science and
a. History b. Maths c. Geography d. Language **CO2K3**
5. A connection between two or more facts are called
a. Regression b. Correlation c. Division d. Coefficient **CO2K1**
6. The purpose of education at elementary level is
a. To become a scientifically literate citizen of the society
b. To acquire skills set so that all children become technologists in their later life.
c. To know facts and principles so that all children become scientists in their later life.
d. To know memories and learn about facts, principles and theories in science. **CO3K1**

PART – B

Answer ALL questions

3 x 6 = 18

Each answer should not exceed 200 words

7. a. Describe about the nature and scope of physical science. **CO1K2**
(or)
7. b. Differentiate product and process aspects of science. **CO1K2**
8. a. Differentiate between incidental and systematic correlation with an examples. **CO2K2**
(or)
8. b. Explain the need for correlation in science teaching. **CO2K3**
9. a. Write a short note on importance of science in a secondary level. **CO3K1**
(or)
9. b. What are the aims and objectives of teaching physical science in primary level? **CO3K1**

PART – C

Answer ALL questions

3 x 12 = 36

Answer should not exceed 800 words

10. a. As a science teacher how will you develop scientific attitude among school students? **CO1K3**
(or)
10. b. Explain the different components of scientific knowledge. **CO1K2**
11. a. Explain the correlation of Physical Science with other subjects with suitable examples. **CO2K5**
(or)
11. b. Select a topic from physical science and correlate it with the science subjects. **CO2K6**
12. a. Discuss the aims and objectives of teaching physical science at the secondary level. **CO3K2**
(or)
12. b. Elucidate the aims and objectives of teaching physical science at the higher secondary level. **CO3K2**

Staff in-charge: Dr. U. S. E. Porkodi
No. of Copies: 8.