



**Avinashilingam Institute for Home Science and Higher Education for Women**  
(Deemed to be University under Category 'A' by MHRD, Estd. u/s 3 of UGC Act 1956)  
Re-accredited with A++ Grade by NAAC. Recognised by UGC Under Section 12B  
Coimbatore - 641 043, Tamil Nadu, India

**Continuous Internal Assessment Test II - December – 2022**  
**SEMESTER I**

Class : I B.Ed.

Max. Marks: 60  
Time: 2 Hrs.

**22BEDP11 -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 of teaching and learning science and use Bloom's taxonomy for evaluation  
**CO4:** familiarize with the development of science and appreciate the contributions of scientists  
**CO5:** demonstrate the qualities and competencies required for a science teacher

**PART – A**

**6 x 1 = 6**

**Choose the correct answer**

- The highest level of the cognitive domain is CO3 K3  
a. synthesis    b. analysis    c. comprehension    d. Evaluation
- Which level of teaching uses a higher level of cognitive abilities as specified in bloom's taxonomy CO3 K4  
a. Memory level    b. Understanding level  
c. Reflective level    d. Autonomous development level
- A Scientist should ----- discoveries with others CO4 K2  
a. Hide    b. Share  
c. Show off    d. Deceive
- \_\_\_\_\_ helps to gain deep knowledge in science CO2 K4  
a. Dynamism    b. Practical experience    c. Theoretical experience    d. Empiricism
- National Science day is celebrated on CO4 K2  
a. 28<sup>th</sup> feb    b. 5<sup>th</sup> June    c. 21<sup>st</sup> June    d. 31<sup>st</sup> December

6. Modes of teaching are CO5 K3
- a. Practice based      b. Research based      c. Teacher centered      d. School based

**PART – B**

**3x 6 = 18**

**Answer ALL questions**

**Each answer should not exceed 400 words or two pages**

7. a. Describe the objectives of teaching Physical science CO3 K3  
(or)
7. b. Discuss the impact of science and technology on society. CO4 K4
8. a. Expand and explain DSIR CO4 K3  
(or)
8. b. Exposure to scientific knowledge both in the classroom and laboratory leads to the acquisition of skills. Substantiate CO5 K4
9. a. Discuss the professional ethics of a science teacher CO5 K5  
(or)
9. b. Science is both a body of knowledge and the process of acquiring it, Brief it. CO3 K6

**PART – C**

**3 x 12 = 36**

**Answer ALL questions**

**Each answer should not exceed 800 words or four pages**

10. a. Explain in detail the revised bloom's taxonomy CO3 K3  
(or)
10. b. Science is the breath of our nostrils; science is the thought of our day and dream at night." Comment CO1 K5
11. a. Describe the contributions of any two western scientists CO4 K2  
(or)
11. b. Elucidate the contributions of A.P.J.Abdul Kalam and C.V.Raman CO4 K3
12. a. As a science teacher, write the ways to develop a scientific attitude among students and eradicate superstitions in society? CO5 K4  
(or)
12. b. As a teacher how do you evaluate your student's achievement CO5 K3

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Staff in charge: T.Premalatha  
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