

**Avinashilingam Institute For Home Science And Higher Education For Women**  
Coimbatore – 641 043.

Continuous Internal Assessment Test II - October 2018

SEMESTER I

Class : I B.Ed / I. B. Ed sp1. Ed + Phys. c.  
Major: Physical Science & English

Time: 2 Hrs.  
Max. Marks: 60

18BDS P11 / 18BEDP11 – Introduction to Physical Science Education

Course Outcomes:

- CO1 list out the scope of learning physical science  
CO3: compare the functioning of different scientific organisations  
CO5: compose an essay on the biographies of scientists/dramatise the life history of scientists  
CO6: demonstrate the qualities required for a science teacher

PART – A

5 x 1 = 5

Choose the correct answer

1. Bloom's taxonomy is a set of ----- hierarchical models used to classify educational learning objectives into levels of complexity and specificity.  
a. Three                      b. Six                      c. Four                      d. Two  
CO1                      K1
2. Recall and recognize come under which objective?  
a. Knowledge                      b. Application  
c. Comprehension                      d. Skill  
CO1                      K3
3. Aesthetic value is related to  
a. goodness                      b. truth  
c. beauty                      d. intelligence  
CO1                      K1
4. Aryabhata was a great  
a. Mathematician & astronomer                      b. Chemist & astronomer  
c. Physicist & Physician                      d. Mathematician & Physician  
CO5                      K2
5. The basic qualification of the teacher to teach at the high school level is  
a. Post Graduation with B.Ed                      b. Post Graduation with M.Ed  
c. Graduation with M.Ed                      d. Graduation with B.Ed  
CO6                      K1

PART – B

5 x 2 = 10

Answer the following in one or two sentences

6. Differentiate aims and objectives  
CO1                      K2
7. Name the discoveries which made Madam Curie a Nobel laureate?  
CO5                      K2
8. What are the different evaluation procedures available to assess the teachers' competency?  
CO6                      K2
9. Expand TIFR, IUCAA  
CO3                      K1
10. List out any four special qualities needed for a science teacher. ?  
CO6                      K1

PART – C

3 x 5 = 15

Answer ALL Questions

Answer should not exceed 200 words or one page

11. a. Discuss the various behavioural objectives based on RBT.  
(or)  
CO1                      K2
11. b. Spell out any five action verbs under the objective "application."  
CO1                      K1
12. a. Analyse the objectives of the scientific organisations namely DST, DOS, DSIR and DAE  
CO3                      K4
12. b. What qualities of the great scientist Albert Einstein can you practice in your life? Justify your answer.  
(or)  
CO5                      K5
13. a. What do you understand by professional ethics? Discuss the professional ethics needed for a teacher.  
(or)  
CO6                      K2
13. b. List out any five in-service programmes available for a teacher.  
CO6                      K1

PART – D

2 x 15 = 30

Answer the following

Answer should not exceed 700 words or four pages

14. a. Organise the Bloom's taxonomy of educational objectives based on the different domains and explain each component.  
CO1                      K3
14. b. Bring out the impact of science and technology in our daily life?  
(or)  
CO3                      K3

15. a. As a science teacher what are the different ways of democratizing science learning? CO6 K4

b. As a science teacher how can you inculcate different values among your students? CO1 K6

1K 1000 on how to bring in the students to the science learning process. The teacher should create a friendly and comfortable environment for the students to learn. The teacher should use various methods and materials to make the learning process interesting and enjoyable. The teacher should encourage the students to ask questions and express their views. The teacher should provide feedback to the students and help them to improve their learning. The teacher should also create a democratic classroom where the students are encouraged to participate in the learning process and to take responsibility for their own learning.

1K 1000 The teacher should create a democratic classroom where the students are encouraged to participate in the learning process and to take responsibility for their own learning. The teacher should use various methods and materials to make the learning process interesting and enjoyable. The teacher should encourage the students to ask questions and express their views. The teacher should provide feedback to the students and help them to improve their learning. The teacher should also create a friendly and comfortable environment for the students to learn.

1K 1000 The teacher should create a friendly and comfortable environment for the students to learn. The teacher should use various methods and materials to make the learning process interesting and enjoyable. The teacher should encourage the students to ask questions and express their views. The teacher should provide feedback to the students and help them to improve their learning. The teacher should also create a democratic classroom where the students are encouraged to participate in the learning process and to take responsibility for their own learning.

1K 1000 The teacher should encourage the students to ask questions and express their views. The teacher should provide feedback to the students and help them to improve their learning. The teacher should also create a democratic classroom where the students are encouraged to participate in the learning process and to take responsibility for their own learning. The teacher should use various methods and materials to make the learning process interesting and enjoyable.

1K 1000 The teacher should provide feedback to the students and help them to improve their learning. The teacher should also create a democratic classroom where the students are encouraged to participate in the learning process and to take responsibility for their own learning. The teacher should use various methods and materials to make the learning process interesting and enjoyable. The teacher should encourage the students to ask questions and express their views.

1K 1000 The teacher should use various methods and materials to make the learning process interesting and enjoyable. The teacher should encourage the students to ask questions and express their views. The teacher should provide feedback to the students and help them to improve their learning. The teacher should also create a democratic classroom where the students are encouraged to participate in the learning process and to take responsibility for their own learning.

1K 1000 The teacher should encourage the students to ask questions and express their views. The teacher should provide feedback to the students and help them to improve their learning. The teacher should also create a friendly and comfortable environment for the students to learn. The teacher should use various methods and materials to make the learning process interesting and enjoyable.

1K 1000 The teacher should provide feedback to the students and help them to improve their learning. The teacher should also create a friendly and comfortable environment for the students to learn. The teacher should use various methods and materials to make the learning process interesting and enjoyable. The teacher should encourage the students to ask questions and express their views.

1K 1000 The teacher should use various methods and materials to make the learning process interesting and enjoyable. The teacher should encourage the students to ask questions and express their views. The teacher should provide feedback to the students and help them to improve their learning. The teacher should also create a democratic classroom where the students are encouraged to participate in the learning process and to take responsibility for their own learning.

No. 8 WP12-25