

Continuous Internal Assessment Test II – February 2021

SEMESTER I

Class : II B.Ed.

Time: 2 Hrs.

Max. Marks: 30

18BEDP11 /18BDSP11 Introduction to Physical Science Education

Course Outcomes:

- CO1: list out the scope of learning physical science
CO2: identify the characteristics of a person with scientific attitude and scientific temper
CO3: compare the functioning of different scientific organisations
CO4: formulate the inter relationship of science and other subjects using illustrations
CO5: compose an essay on the biographies of scientists/ dramatise the life history of scientists

PART – A

6 x 1 = 6

Answer all questions

(Multiple choice questions)

1. Student can design a laboratory according to certain specification in which category of objective? CO2 K4
a. Analysis b. Evaluation
c. Synthesis d. Knowledge
2. Which of the following set of statements represents acceptable propositions in respect of teaching-learning relationships? Choose the correct code to indicate your answer. CO4 K4
(i) When students fail in a test, it is the teacher who fails.
(ii) Every teaching must aim at ensuring learning.
(iii) There can be teaching without learning taking place.
(iv) There can be no learning without teaching.
(v) A teacher teaches but learns also.
(vi) Real learning implies rote learning
a. (ii), (iii), (iv) and (v) b. (iii), (iv), (v) and (vi)
c. (i), (ii), (iii) and (v) d. (i), (ii), (v) and (vi)
3. Isaac Newton was a CO5 K1
a. Physicist and Mathematician b. Chemist
c. Mathematician d. Physicist
4. TIFR is a/an CO3 K1
a. Public deemed research university b. Atomic research organization
c. Research organization d. Industry
5. Which behavioural term out of the following goes with comprehension? CO4 K2
a. produce unique communication b. identify the elements
c. arrange in order d. translate and interpret the idea
6. Which among the following is not a contribution of Einstein? CO5 K2
a. Theory of relativity c. Theory of stimulated emission
b. Law of photo electric effect d. Law of gravity

PART – B

2 x 6 = 12

Answer any two questions

(2 out of 4 Questions)

Answer should not exceed 400 words

7. What do you mean by a Profession? Why teaching is considered to be a profession? CO4 K2
8. With appropriate illustration explain as a teacher how you can eradicate the superstitious beliefs among your students? CO2 K5
9. Critically analyse the merits and demerits of using technology in education. (6 merits and 6 demerits) CO3 K4
10. Prepare a flow chart with specific behavioural objectives based on Revised Bloom's Taxonomy. (RBT). CO4 K3

PART – C

1 x 12 = 12

Answer any one question

(1 out of 2 Questions)

Answer should not exceed 800 words

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| 11. | With a neat diagram explain the three domains of taxonomy of objectives proposed by Bloom and Davis. | CO4 | K3 |
| 12. | What do you consider to be the most important qualities needed for an effective science teacher? How does a science teacher differ from other subject teachers? | CO4 | K3 |

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