

Avinashilingam Institute For Home Science And Higher Education For Women
Coimbatore – 641 043.
Continuous Internal Assessment Test I - February 2020
SEMESTER II

Class : I B.Ed

Time: 2 Hrs.

Major: Education & Spl Edn

Max. Marks: 60

18BEDP12/18BDSP12 Methods and Techniques of Teaching Physical Science

Course Outcomes:

- CO1: Apply the micro teaching skills in their teaching sessions
 CO2: Practise the different methods and techniques of teaching
 CO3: Select and plan the academic activities for an year, month, and week
 CO4: Compare and contrast the different approaches in lesson planning
 CO5: Design different individualized instruction modules

PART – A

5 x 1 = 5

Choose the correct answer

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|----|--|------|-----------------------------|
| 1. | In this method we move from specific to general | CO 2 | K2 |
| | a. Inductive method | | b. Deductive method |
| | c. Discussion method | | d. text book method |
| 2. | The word 'Heuristic' means | CO2 | K1 |
| | a. see | | b. hear |
| | | | c. discover |
| | | | d. solve |
| 3. | Chart can be included in which group/category of teaching-aids | CO1 | K3 |
| | a. Audio- aid | | b. Audio -visual aid |
| | c. Projected visual aid | | d. Non projected visual aid |
| 4. | Identify the type of question which helps to blossom creativity among students | CO3 | K2 |
| | a. Introductory | | b. Convergent |
| | | | c. Divergent |
| | | | d. Leading |
| 5. | The incorrect response in MCQ is called as | CO1 | K2 |
| | a. Key | | b. Option |
| | | | c. Distracter |
| | | | d. Stem |

PART – B

5 x 2 = 10

Answer the following in one or two sentences

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|-----|--|-----|----|
| 6. | What are the uses of Audio Visual aids in teaching? | CO2 | K2 |
| 7. | Define Micro Teaching | CO3 | K3 |
| 8. | Bring out the uses of Mnemonics in learning | CO3 | K2 |
| 9. | Elucidate the different phases of microteaching | CO1 | K1 |
| 10. | Write down the components of skill of stimulus variation | CO1 | K2 |

PART – C

3 x 5 = 15

Answer ALL the Questions

Answer should not exceed 200 words or one page

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|-----|--|-----|----|
| 11. | a. Compare seminars, symposium and workshop
(or) | CO3 | K2 |
| 11. | b. Collaborate learning enhance creative learning – Defend your answer. | CO3 | K2 |
| 12. | a. Differentiate inductive and deductive methods of teaching in science.
(or) | CO2 | K2 |
| 12. | b. Enumerate the different types of supervised study. | CO3 | K2 |
| 13. | a. List out the merits of Brain storming
(or) | CO3 | K4 |
| 13. | b. Elucidate the importance of teaching science in secondary school | CO2 | K2 |

PART – D 2 x 15 = 30

Answer All the Questions

Answer should not exceed 700 words or four pages

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| 14. | a. Prepare a concept map on the topic "Force".
(or) | CO3 | K3 |
| 14. | b. Explain project method of teaching with example. | CO2 | K2 |
| 15. | a. Prepare a micro lesson using the skill of Questioning and Explaining for any one topic in physics or chemistry.
(or) | CO1 | K3 |
| 15. | b. Write short note on Teacher centered methods of teaching. | CO2 | K2 |