



**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)  
Re-accredited with 'A++' Grade by NAAC. Recognised by UGC Under Section 12 B  
Coimbatore-641 043, Tamil Nadu, India

**Continuous Internal Assessment Test I – April 2022**  
**Semester II**

Class : I B.Ed.  
Major : Education

Time : 2 Hrs.  
Max. Marks: 60

**21BEDP12 School Subject I: Methods and Techniques of Teaching Physical Science**

**Course Outcomes:**

- CLO1. apply the micro teaching skills in their teaching sessions  
CLO2. investigate the distinctive characteristics of various instructional methods suitable for teaching physical science  
CLO3. apply appropriate techniques and methods for teaching varied context and content of physical science  
CLO4. understand the different approaches in planning for instruction  
CLO5. design different individualised instruction modules

**PART – A**

**6 x 1 = 6**

**Choose the Correct Answer**

1. Smiling, nodding of head, a delighted laugh are examples for CO1 K3
  - a. Positive verbal Reinforcers
  - b. Negative Non-verbal Reinforcers
  - c. Positive Non-verbal Reinforcers
  - d. Extra verbal cues
  
2. One Microteaching cycle comprises of CO1 K2
  - a. 32 minutes
  - b. 36 minutes.
  - c. 16 minutes
  - d. 12 minutes
  
3. “What is meant by vector quantity? How does it differ from scalar quantity?” if the teacher asks such a question, it is an example for ----- question. CO1 K3
  - a. ambiguous
  - b. double barreled
  - c. leading
  - d. in appropriate
  
4. The word ‘Heurisco’ means CO2 K1
  - a. to learn
  - b. to lead
  - c. to discover
  - d. to know
  
5. The project method of teaching was first propounded by CO2 K1
  - a. W.H.Kilpatrick
  - b. John Dewey
  - c. Dwight Allen
  - d. H.E.Amstrong
  
6. In which of the following skill, refocusing comes? CO1 K2
  - a. Skill of Stimulus variation
  - b. Skill of Probing questions
  - c. Skill of Explanation
  - d. Skill of Reinforcement

**PART – B**

**3 x 6 = 18**

**Answer ALL Questions**

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

7. a. What are the factors scaled down in microteaching? CO1 K2  
(or)
7. b. List out the components of skill of blackboard. CO1 K2
8. a. With examples bring out the different types of questions. CO1 K3  
(or)
8. b. With examples explain the inappropriate behaviors that need to be avoided while practicing Skill of explanation. CO1 K3
9. a. Differentiate teacher centered and student centered methods of teaching. CO2 K2  
(or)
9. b. Differentiate inductive and deductive methods of teaching with example. CO2 K2

**PART – C**

**3 x 12 = 36**

**Answer ALL questions**

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

10. a. Explain the different phases involved in micro teaching. CO1 K2  
(or)
10. b. Explain how microteaching practice was carried out in your institution? CO1 K2
11. a. Explain the components of Skill of Stimulus variation. Prepare a lesson plan and TBOS for the skill. CO1 K3  
(or)
11. b. Explain the components of Skill of Probing questions. Prepare a lesson plan and TBOS for the skill. CO1 K3
12. a. Explain in detail any three teacher centred methods highlighting on(i) the way it is implemented CO2 K2  
(ii) advantages of the methods  
(iii) limitations of the method  
(or)
12. b. Explain in detail any three student centred methods highlighting (i) the way it is implemented CO2 K2  
(ii) advantages of the methods  
(iii) limitations of the method

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