



M. V. Vijayalakshmi

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 12B
Coimbatore - 641 043, Tamil Nadu, India

Continuous Internal Assessment Test I – February 2024
SEMESTER- II

Class: IB.Ed.

Major: Education & SplEdn.

Max. Marks: 60

Time: 2 Hrs

23BEDP12/23BDSP12- Methods and Techniques of Teaching Physical Science

Course Outcomes

- CO1 apply the microteaching skills in their teaching sessions
CO2 investigate the distinctive characteristics of various instructional methods suitable for teaching physical science
CO3 apply appropriate techniques and methods for teaching varied context and content of physical science
CO4 understand the different approaches in planning for instruction
CO5 design different individualised instruction modules

PART – A

Choose the correct answer

6 x 1 = 6

1. Choose the correct order of the Microteaching cycle
a. Teach > Plan > Feedback > Re teach > Re Plan > Re feedback
b. Plan > Teach > Feedback > Re Plan > Re teach > Re feedback
c. Feedback > Plan > Teach > Re feedback > Re Plan > Re teach
d. Teach > Plan > Feedback > Re teach > Re feedback > Re Plan
CO1K2
2. Microteaching is the best example for
a. Demonstration b. Brainstorming c. Role Play d. Simulation
CO1K1
3. The heuristic method of teaching was developed by
a. John Dewey b. Friedrich Froebel
c. H.E. Armstrong d. P.F. Skinner
CO2K1
4. Which of the following sequences best describes the deductive logic of inquiry?
a. theory → data → hypothesis
b. data → theory → hypothesis
c. data → empirical pattern → theory
d. theory → hypothesis → data
CO2K2
5. What type of method is Symposium?
a. Discovery b. Discussion c. Lecture d. Demonstration
CO3K1
6. A teaching in which two or more teachers are given joint responsibility for the education of a group of pupils
a. Debate b. Discussion c. Team teaching d. Demonstration
CO3K2

PART – B

Answer ALL questions

3 x 6 = 18

Each answer should not exceed 200 words

7. a. Explain the microteaching cycle
(OR)
CO1K4
7. b. Illustrate the phases of microteaching with suitable examples
CO1K3
8. a. Point out the purpose of the biographical method in Physical Science teaching
(OR)
CO2K4
8. b. Discuss the steps involved in the Project method
CO2K2
9. a. Compile the advantages of the Symposium in Physical Science teaching
(OR)
CO3K6
9. b. Express your views on the Workshop in Physical Science teaching
CO3K2

PART – C

Answer ALL questions

3 x 12 = 36

Answer should not exceed 800 words

10. a. Define Micro teaching. Discuss the components of the Skill of Stimulus variation
(OR)
CO1K2
10. b. Develop a Micro teaching lesson plan for the skill of explaining
CO1K6
11. a. Lecture cum demonstration is a suitable method for teaching Physical Science -
Justify
(OR)
CO2K5
11. b. Compare inductive and deductive methods with suitable examples
CO2K2
12. a. Examine how Seminars important in the teaching of Physical Science
(OR)
CO3K2
12. b. Examine how Team teaching is important in the teaching of Physical Science
CO3K2

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