

Sambath



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 [now MoE]
Re-accredited with an 'A++' Grade by NAAC CGPA 3.65/4, Category I by UGC
Coimbatore - 641 043, Tamil Nadu, India

Continuous Internal Assessment Test II- March 2026
II SEMESTER

Class: I B. Ed
Major: Education

Time: 2 Hours
Maximum Marks: 60

23BEDB12- School Subject I- Methods and Techniques of Teaching Biological Science

Course outcomes:

At the end of the course, students will:

- 1 identify the components of different micro teaching skills
- 2 provide constructive, focused feedback to fellow participants on micro training activities
reflect on and assess micro training as a teacher development tool
- 3 apply the micro teaching in their teaching sessions
- 4 practice the different methods and techniques of teaching
- 5 select and plan the academic activities for a year, month and week

PART - A

Choose the correct answer

6 x 1 = 6

1. The teaching technique most effective for developing social skills is _____. CO3 K1
a. Programmed instruction b. Demonstration
c. Role play d. Guided enquiry
2. One of the main advantages of discovery learning is _____. CO3 K1
a. It saves time b. It develops critical thinking
c. It reduces effort d. It encourages memorization
3. Instructional objectives should be written in terms of _____. CO4 K1
a. Teacher activities b. Textbook content
c. Student behavior d. Examination pattern
4. In Herbartian steps, linking new knowledge with previous knowledge is called CO4 K1
a. Application b. Presentation c. Comparison d. Preparation
5. In linear programming, all learners follow _____. CO5 K2
a. Different paths b. Random order
c. Same sequence d. Teacher's choice
6. Personalized System of Instruction (PSI) is also called CO5 K1
a. Dalton Plan b. Keller Plan c. Project Method d. Heuristic Method

PART - B

Answer ALL questions

3 x 6 = 18

Each answer should not exceed 400 words or Two Pages

7. a. Analyse the various methods used to adopt buzz session to teach biology. CO3 K4
(or)
7. b. Analyse the role of teacher in enquiry approach. CO3 K4
8. a. Explain how to write instructional objectives for the cognitive domain in teaching. CO4 K3
(or)
8. b. Differentiate between a lesson plan and a unit plan. CO4 K4
9. a. List the merits and demerits of self-learning with classroom illustrations. CO5 K3
(or)
9. b. Describe the principles involved in individualized instruction CO5 K3

PART - C

Answer ALL questions

3 x 12 = 36

Each answer should not exceed 800 words or Four Pages

10. a. Explain the steps involved in role play for teaching biology. CO3 K3
(or)
10. b. Differentiate between guided and unguided enquiry with examples. CO3 K4
11. a. Write a lesson plan on the any one Biology content using Herbartian steps. CO4 K4
(or)
11. b. Describe the steps in preparing a unit plan along with its merits and demerits. CO4 K3
12. a. Discuss the types and advantages of Computer Assisted Instruction. CO5 K4
(or)
12. b. Elaborate the steps in preparation of Linear programmed instructional frame with reference to any one topic of high school biology. CO5 K5