



Mavin

**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 II-April 2024**  
**SEMESTER- II**

Class : I B.Ed/I B.EdSpl.Ed

Max. Marks: 60  
Time: 2 Hrs

**23BEDB12/23BDSB12 School Subject I: Methods and Techniques of Teaching Biological Science**

**Course outcomes**

- CO1 identify the components of different micro teaching skills  
CO2 provide constructive, focused feedback to fellow participants on micro training activities reflect on and assess micro training as a teacher development tool  
CO3 apply the micro teaching in their teaching sessions  
CO4 practice the different methods and techniques of teaching  
CO5 select and plan the academic activities for a year, month and week.

**PART - A**

**Choose the correct answer**

6 x 1 = 6

1. The method which is an upward process of thought and leads to principles is CO3K2  
a. Inductive approach b. Deductive approach  
c. Guided enquiry d. Unguided enquiry
2. Social skills are developed by using the technique of CO3K2  
a. Programmed instruction b. Demonstration  
c. Role play d. Guided enquiry
3. What is the initial step involved in writing a Herbartian lesson plan for the topic 'cell division'? CO4K3  
a. Presentation b. Preparation  
c. Application d. Generalization
4. Which is the suitable term for the learning objective 'remembering' in writing a lesson plan? CO4K3  
a. demonstrate b. explain c. list out d. analyse
5. In programmed instruction, the skill needed for planning stage is CO5K3  
a. Using primes and prompts b. Arranging and ordering frames  
c. Linguistic skill d. Content analysis
6. During this kind of method, shared information is applied and repeated CO5K2  
a. Drill and Practice b. simulations  
c. games d. tutorial

**PART - B**

**Answer ALL questions**

3 x 6 = 18

**Each answer should not exceed 200 words**

7. a. Explain the procedure involved in guided enquiry method CO3K3  
(OR)
7. b. Analyse the various methods used to adopt buzz session to teach biology CO3K4
8. a. Determine the importance of Lesson plan in Biology teaching CO4K3  
(OR)
8. b. Explain the concept of writing instructional objectives in lesson plan CO4K3
9. a. Describe the stages in developing self learning among learners CO5K4  
(OR)
9. b. Explicate the uses of computer assisted instruction in biology CO5K4

**PART - C**

**Answer ALL questions**

3 x 12 = 36

**Answer should not exceed 800 words**

10. a. Compare deductive approach from inductive approach in teaching biology CO3K4  
(OR)
10. b. Explain the steps involved in role play for teaching biology CO3K3
11. a. Describe the steps involved in preparation of Unit plan CO4K3  
(OR)
11. b. Write a lesson plan on the any Biology content using Herbartian steps CO4K5
12. a. Explain the important stages involved in developing programmed instructional material CO5K4  
(OR)
12. b. Compare the characteristic features of linear programmed Instruction from branched programmed instruction CO5K4

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No. of Copies: Edn: 11 + Spl. Edn.: 3 = 14+3