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/March 2025

SEMESTER- IV

Class : II B.Ed/II B.Ed Spl.Ed

Max. Marks: **60**
Time: **2 Hrs**

23BEDB14/23BDSB14- School Subject I- Professionalising Biological Science Education

Course outcomes

CO1 describe the importance of pedagogical content analysis and interpret the content of different Boards of Education
CO2 analyse and evaluate textbooks
CO3 design and develop e-content material
CO4 conduct action research
CO5 organise science exhibitions and science fairs

PART – A

Choose the correct answer **6 x 1 = 6**

1. A study of methods of teaching a subject to change their behaviour is CO1K1
   a. Learning experience b. pedagogy c. evaluation d. Integrated approach

2. Pedagogical analysis can be defined as CO1K2
   a. classroom management b. process of lesson planning
   c. teaching practice d. systematic breakup of the curriculum

3. A text book is a CO2K2
   a. Device of instruction b. Machine of instruction
   c. Manual of instruction d. Place of equipment

4. In Vogel's Spot Check Textbook Evaluation scale, each item has assigned maximum of CO2K1
   a. Five points b. Four points c. Three Points d. Two points

5. E-content refers to CO3K1
   a. Online learning b. course content c. e-learning d. Digital content

6. The steps of ADDIE design model are CO3K2
   a. analyze, design, develop, implement and execute
   b. analyze, design, develop, implement and evaluate
   c. analyze, develop, design, implement and execute
   d. analyze, develop, design, implement and evaluate

PART – B

Answer ALL questions **3 x 6= 18**
Each answer should not exceed 200 words

7. a. Explain the stages of pedagogical analysis with example CO1K3
   (OR)
7. b. Analyse pedagogy of any biology content from sixth standard textbook CO1K4
8. a. Write down the characteristics of good text book CO2K3
   (OR)
8. b. Explain how a biology textbook is evaluated CO2K3
9. a. Explore the importance of e-content in biology teaching-learning process CO3K4
   (OR)
9. b. Compose a script writing for e content in any biological science concept CO3K4

PART – C

Answer ALL questions **3 x 12 = 36**

Answer should not exceed 800 words

10.	a.	Describe the major steps in pedagogical analysis	CO1K4
		(OR)	
10.	b.	Discuss any biology content from 8th Standard textbook in point view of pedagogical analysis	CO1K4
11.	a.	Discuss the categories and utilization of textbook	CO2K4
		(OR)	
11.	b.	Analyse the use of textbook in biology teaching learning process	CO2K5
12.	a.	Design the e-content module on any biological science concept	CO3K4
		(OR)	
12.	b.	Explain the phases involved in e-content development	CO3K4

Staff in-charge: Dr. R. Sowbaraniga
No. of Copies: B.Ed: 12 + Spl Edn.: 3 = 15