



**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 I – October 2025**  
**III Semester**

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

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

**23BEDB13/23BDSB13- School Subject I- Curriculum and Resources in Biological Science**  
**Education**

**Course outcomes**

- CO1** Operate the different educational technology gadgets
- CO2** Design and arrange a science laboratory and prepare the registers required for a lab
- CO3** Demonstrate the ways of administering first aid
- CO4** Catalogue the periodicals and books in the library
- CO5** Construct and validate diagnostic test and achievement test

**PART – A**

**Choose the correct answer**

**6 x 1 = 6**

1. The theme of green version of BSCS project is **CO1K1**
  - a. High school biology
  - b. Molecules to Man
  - c. An inquiry into life
  - d. Pattern and Process
2. Which approach combines two or more subjects to help students see connections between them? **CO1K1**
  - a. Disciplinary approach
  - b. Integrated approach
  - c. Spiral approach
  - d. Concentric approach
3. Which of the following is considered a representational material in biology? **CO2K2**
  - a. Skeleton of a frog
  - b. Aquarium
  - c. Photograph of a cell
  - d. Plant specimen
4. Microscope falls under which category? **CO2K2**
  - a. apparatus
  - b. Real objects
  - c. Models
  - d. Representational material
5. Whitehouse plan for laboratory was developed by **CO3K1**
  - a. L.F.Urwick
  - b. Luther Gullie
  - c. J.A.Stevenson
  - d. Dr. R.H. Whitehouse
6. Laboratory room in schools preferably should be located at **CO3K2**
  - a. outside the school building
  - b. Next to the classroom
  - c. Ground floor
  - d. First floor

**PART – B**

**Answer ALL questions**

**3 x 6 = 18**

**Each answer should not exceed 200 words**

7. a. Explain the importance of nature rambling and nature study in Curriculum development. **CO1K2**

(or)
7. b. Discuss the disciplinary and inter-disciplinary curriculum approaches. **CO1K2**
8. a. Analyse the general values of audio-visual presentation in biology. **CO2K4**

(or)
8. b. Explain the types of representational materials used to teach biology. **CO2K2**
9. a. Describe the process involved in maintenance of laboratory equipments. **CO3K2**

(or)
9. b. Illustrate the planning to set up a biological science laboratory in schools. **CO3K4**

**PART – C**

**Answer ALL questions**

**3 x 12 = 36**

**Answer should not exceed 800 words**

10. a. Explain the principles of curriculum construction. **CO1K3**

(or)
10. b. Describe the organization and curriculum reforms of BSCS project. **CO1K3**
11. a. Interpret the role of different real objects used in teaching biology at schools. **CO2K4**

(or)
11. b. Analyse the role of apparatus used in teaching biology subject. **CO2K4**
12. a. Explain the organization of biological science laboratory in schools. **CO3K3**

(or)
12. b. Describe the process of procuring laboratory equipment and materials for a biology lab. **CO3K3**

**Staff in-charge: Dr. R. Sowbaraniga**

**No. of Copies: B.Ed: 8 + Spl Edn.: 5 = 13**