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 – August 2024
SEMESTER- I

Class : I B.Ed/I B.Ed Spl.Ed — Max. Marks: **60**, Time: **2 Hrs**

23BEDB11/23BDSB11- Introduction to Biological Science Education

Course outcomes

CO1 gain the knowledge on basic concepts of Biological Science
CO2 identify that Biological Science is related to other subjects
CO3 formulate objectives for teaching and learning Biological Science and use Blooms taxonomy for evaluation
CO4 familiarize with the development of Biological Science and appreciate the contribution of scientists
CO5 demonstrate the qualities and competencies required for a Biological Science Teacher

PART – A

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

1. Abstract and generalized ideas about a fact or a specific relevant experience is called — CO1K1
   a. principle b. theory c. law d. concept
2. Which one of the following reflects set of qualities to deal with day-to-day situations? — CO1K2
   a. Critical thinking b. Scientific attitude
   c. Scientific Literacy d. Scientific method
3. The natural correlation which the teacher coordinates a topic with allied materials from other subjects is known as — CO2K1
   a. Systematic correlation b. Concentric correlation
   c. Horizontal correlation d. Incidental correlation
4. Which subject correlates the study of Biodiversity and Biogeochemical cycles? — CO2K2
   a. Geography b. Mathematics c. History d. Language
5. The main aim of teaching biology at high school level is to — CO3K2
   a. develop interest in scientific hobbies b. foster creativity
   c. develop scientific attitude d. develop the habit of observation
6. Objectives are related to — CO3K1
   a. planning b. content c. knowledge d. Learning outcomes

PART – B

Answer ALL questions — **3 x 6= 18**

Each answer should not exceed 200 words

7. a. Elucidate the importance of science as a school subject — CO1K2
   (OR)
7. b. Examine the qualities that help students to develop scientific attitude — CO1K4
8. a. Explain interdisciplinary correlation between Biology and Chemistry — CO2K3
   (OR)
8. b. Describe the concept of correlation of different subjects — CO2K2
9. a. Discuss the general objectives of teaching science in schools — CO3K2
   (OR)
9. b. Explicate the general aims of teaching natural science — CO3K3

PART – C

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

Answer should not exceed 800 words

10. a. "Science is both a process and product" – Justify the statement — CO1K5
    (OR)
10. b. Determine the general values of teaching biological science — CO1K3
11. a. Compare Incidental correlation with Systematic correlation with suitable examples — CO2K4
    (OR)
11. b. Analyse the correlation of any one biological concept with other disciplines — CO2K4
12. a. Explain the broad national goals of Science — CO3K2
    (OR)
12. b. Discuss the aims and objectives of teaching biological science in schools — CO3K2

Staff in-charge: Dr. R. Sowbaraniga
No. of Copies: B.Ed: 8 + Spl Edn.: 5 = 13