



**Avinashilingam Institute for Home Science and Higher Education for Women**

(Deemed to be University under Category A by MHRD, Estd. u/s 3 of UGC Act 1956)  
Re-accredited with A+ Grade by NAAC. Recognised by UGC Under Section 12B  
Coimbatore - 641 043, Tamil Nadu, India

Bachelor of Education Degree Examination – November 2019  
III Semester

Class : II B.Ed./ II B.Ed (Spl. Edn.)

Time : 3 Hours  
Max. Marks: 100

**18BEDB13/18BDSB13 School Subject I: Curriculum and Resources in  
Biological Science Education**

**Course Outcomes:**

- CO1: identify the components of different micro teaching skills
- CO2: operate the different educational technology gadgets
- CO3: design and arrange a science laboratory and prepare the registers required for a lab
- CO4: demonstrate the ways of administering first aid
- CO5: catalogue the periodicals and books in the library
- CO6: construct and validate diagnostic test and achievement test

**Part A**

**10 X 1 = 10**

**Choose the Correct Answer**

1. The word 'Curriculum' has been derived from the ..... word 'Currere'.  
a. Greek  
b. Latin  
c. Hebrew  
d. French  
CO1 K1
2. BSCS consist of ..... versions.  
a. 4  
b. 3  
c. 5  
d. 2  
CO1 K1
3. This is an example of audio – visual material.  
a. Pictures  
b. Film strips  
c. Video presentation  
d. Over Head Projecter  
CO2 K1
4. Photographs is an ..... aid.  
a. visual  
b. audio  
c. specimen  
d. projected  
CO2 K1
5. Laboratories came into existence during the period of  
a. Francis Bacon  
b. Skinner  
c. Norman & Crowder  
d. T.F. Gilbert  
CO3 K2
6. Animals lives in deep sea are called as ..... animals.  
a. Aquatic  
b. Terrestrial  
c. Mariane  
d. Vivarium  
CO4 K2
7. Text books are helpful for ..... teaching.  
a. collective  
b. individualized  
c. group  
d. team  
CO4 K1

8. Kalaikthir is a ..... Magazine.
- a. Science
  - b. Maths
  - c. Social
  - d. English

CO5 K1

9. Measurement is done in relation to
- a. interest
  - b. attitude
  - c. adaptability
  - d. knowledge

CO6 K1

10. Achievement test includes
- a. essay type
  - b. short answer types
  - c. objective type
  - d. all the above

CO6 K2

**Part B**

**5 X 6 = 30**

**Answer the following questions**

**Answer should not exceed 400 words or two pages**

11. a. Briefly describe the salient features of BSCS.  
(or)
- CO1 K1
11. b. Explain the term Curriculum and describe the Principles of Curriculum Construction.  
(or)
- CO1 K1
12. a. Mention the advantages of Herbarium in Teaching Biology.  
(or)
- CO2 K3
12. b. How will you utilize pictures and models for Biology classroom teaching?  
(or)
- CO3 K2
13. a. What are the records to be maintained in the Biology Laboratory?  
(or)
- CO4 K2
13. b. Define first-aid and explain about safety management in Biology Laboratory.  
(or)
- CO4 K3
14. a. List out the values of Science Library.  
(or)
- CO5 K2
14. b. Discuss the uses of internet in Biology learning.  
(or)
- CO5 K4
15. a. Write a short note on diagnostic test.  
(or)
- CO6 K2
15. b. Analyze the merits and demerits of types of Test items.  
(or)
- CO4 K2

**Part C**

**5 X 12 = 60**

**Answer the following questions**

**Answer should not exceed 800 words or four pages**

16. a. Discuss about the approaches to Curriculum Organization.  
(or)
- CO1 K2
16. b. Describe the Educational values of Museum and Aquarium.  
(or)
- CO2 K4
17. a. Write Short notes on the following: i Projectors ii Microscope iii Motion Picture.  
(or)
- CO3 K2
17. b. Enumerate the organization of Science library.  
(or)
- CO4 K2

18. a. Explain about Planning and Organization of Biological Science Laboratory. CO5 K3  
(or)
18. b. Identify the various types of Test items. CO5 K4
19. a. Write about the Preservation of Specimens. CO4 K2  
(or)
19. b. Give an account on ERIC and INFLIBNET. CO5 K2
20. a. Describe the need and importance of audio visual aids in Biology Teaching. CO4 K3  
(or)
20. b. Explain the steps in the construction and administration of an Achievement test. CO6 K4

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