



Mallikarjuna

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 - October 2022

Class: II B.Ed.

III Semester

Max. Marks: 60

Major: Education & SplEdn

Time: 2 Hrs.

21BEDB13 / 21BDSB13 - 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

6 X 1 = 6

Choose the Correct Answer

1. The term curriculum is derived from the word CO1 K1
 - a. Curricula
 - b. Currere
 - c. Currerus
 - d. Curriculus
2. A Student learning the applications of basic biology concepts in higher classes, this curriculum approach is CO1 K3
 - a. Spiral approach
 - b. Concentric approach
 - c. Psychological approach
 - d. Topical approach
3. _____ is a Projected aid CO1 K1
 - a. Radio
 - b. Chart
 - c. Model
 - d. Epidiascope
4. _____ is a place where antiques are displayed CO1 K2
 - a. Planetarium
 - b. Vivarium
 - c. Museum
 - d. Terrarium
5. Which microscope has the highest resolution power? CO2 K1
 - a. Light Microscope
 - b. Electron Microscope
 - c. Oil-immersion Microscope
 - d. Compound Microscope
6. _____ is used for the preservation of biological specimen CO2 K2
 - a. Acetic acid
 - b. Chloroform
 - c. Formalin
 - d. Formic acid

Part B
Answer ALL questions
Answer should not exceed 400 words or two pages

3 x 6 = 18

- | | | | | |
|----|----|---|-----|----|
| 7. | a. | Differentiate between curriculum and syllabus
(or) | CO1 | K2 |
| 7. | b. | List down the principles of curriculum construction | CO1 | K1 |
| 8. | a. | Describe the steps in preparing Herbarium
(or) | CO1 | K2 |
| 8. | b. | Write the importance of Museum in Biological science education | CO1 | K6 |
| 9. | a. | Analyze the ways to preserve specimens in biology
(or) | CO2 | K4 |
| 9. | b. | Identify the various records to be maintained in a biology laboratory | CO2 | K2 |

Part C
Answer ALL questions
Answer should not exceed 800 words or four pages

3 x 12 = 36

- | | | | | |
|-----|----|--|-----|----|
| 10. | a. | Describe the various approaches to curriculum organization
(or) | CO1 | K2 |
| 10. | b. | Discuss the salient features of Biological Science Curriculum Studies (BSCS) | CO1 | K2 |
| 11. | a. | Point out the general values of audio-visual presentation in biology
(or) | CO1 | K4 |
| 11. | b. | Enumerate the usage of real objects in teaching of biology | CO1 | K1 |
| 12. | a. | Plan and organize a biological science laboratory in your school
(or) | CO2 | K6 |
| 12. | b. | Explain the procedures adopted to maintain the laboratory equipment | CO2 | K2 |

Staff Incharge: Ms. M. Vijayalakshmi

No. of copies needed - 27