



Mavinney

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 - December 2021

Class : I B.Ed.

I Semester

Max. Marks: 60

Major:

Time: 2 Hrs.

Education&SplEdn

21BEDB11 Introduction to Biological Science Education

Course Outcomes

CO1: list out the scope of learning biological science

CO2: identify the characteristics of a person with scientific attitude and scientific temper

CO3: identify and facilitate development of scientific attitudes in learners

CO4: compare the functioning of different scientific organizations

CO5: formulate the inter relationship of science and other subjects using illustrations

CO6: compose an essay on the biographies of scientists/dramatize the life history of scientists

CO7: demonstrate the qualities required for a science teacher

CO8: to bridge the gap between theory and practice through hands-on experience in teaching Biological Science

PART – A 6 x 1 = 6

Circle the correct answer

- Science is best described as a CO1 K1
 - Set of facts
 - Way of knowing
 - Collection of beliefs
 - List of rules
- Teaching of biological science inculcates CO3 K2
 - Scientific values
 - Social values
 - Democratic values
 - Economic values
- A mutual relationship between two or more things CO5 K2
 - Collaboration
 - Correlation
 - Cooperation
 - Connection
- The learning of Biology will be imperfect and incomplete without this correlation of the subjects CO5 K3
 - Mathematics, Geography, History
 - Engineering
 - Numerology
 - Political Science
- The classification of cognitive domain was presented by CO3 K2
 - Benjamin S. Bloom
 - Skinner
 - Krathwhol
 - Simpson
- The word taxonomy means CO3 K1
 - Assumption
 - Organization
 - Manipulation
 - Classification

PART – B

3x 6 = 18

Answer the following

Each answer should not exceed 400 words or two pages

- | | | | | |
|----|----|---|-----|----|
| 7. | a. | State the importance of science as a school subject. | CO1 | K1 |
| | | (or) | | |
| 7. | b. | Write short notes on the values of teaching biological science. | CO3 | K2 |
| 8. | a. | Mention the concept of correlation. | CO5 | K2 |
| | | (or) | | |
| 8. | b. | Briefly explain the types of correlation with examples. | CO5 | K4 |
| 9. | a. | Distinguish aims and objectives. | CO3 | K2 |
| | | (or) | | |
| 9. | b. | Discuss about the Broad National Goals of Science. | CO3 | K2 |

PART – C

3 x 12 = 36

Answer the following

Each answer should not exceed 800 words or four pages

- | | | | | |
|-----|----|---|-----|----|
| 10. | a. | “Science is both a process and a product” - Justify | CO1 | K5 |
| | | (or) | | |
| 10. | b. | What is Scientific attitude? How will you develop scientific attitude in your students. | CO3 | K3 |
| 11. | a. | Trace out how the biological science is correlated within the subject. | CO5 | K3 |
| | | (or) | | |
| 11. | b. | Explain the correlation of biological science with any three other subjects. | CO5 | K4 |
| 12. | a. | Point out the general aims of teaching natural science. | CO3 | K4 |
| | | (or) | | |
| 12. | b. | Describe Bloom’s Taxonomy of educational objectives. | CO3 | K4 |

Staff Incharge: M. Vijayalakshmi