Avinashilingam Institute For Home Science And Higher Education For Women
Coimbatore – 641 043.
Continuous Internal Assessment Test I - August 2019
SEMESTER I

Class : I B.Ed
Major: Education

Time: 2 Hrs.
Max. Marks: 60

18BEDB11/18BDSB11 - Introduction to Biological Science Education

Course Outcomes:
On successful completion of this course the learner will be able to :

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 organisations
CO5: formulate the inter relationship of science and other subjects using illustrations
CO6: Compose an essay on the biographies of scientists/dramatise 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 **5 x 1 = 5**

Choose the correct answer

1.	Science is best described as a _____	CO1	K1
	a. set of facts b. collection of beliefs c. way of knowing d. list of rules		
2.	Teaching of biological science inculcates _____ values.	CO2	K2
	a. Scientific b. Democratic c. Social d. Economic		
3.	Inquiry – based science was created in the year of _____	CO2	K1
	a. 2001 b. 2000 c. 2007 d. 2009		
4.	No success of science is achieved without being _____	CO3	K4
	a. Devotion b. Truth b. Tolerance d. Non-violence		
5.	Taxonomy of educational objectives was put forward by	CO7	K5
	a. Bloom b. Bruner c. Wrathwal d. Anderson		

PART – B **5 x 2 = 10**

Answer the following in one or two sentences

6.	Write down the importance of science as a school subject.	CO1	K1
7.	What are the advantages of scientific attitude ?	CO3	K2
8.	Mention the concept of correlation.	CO4	K4
9.	Differentiate between Systematic and Incidental correlation.	CO2	K6
10.	State the national goals of science.	CO1	3K

PART – C **3 x 5 = 15**

Answer ALL Questions
Answer should not exceed 200 words or one page

11.	a.	Summarize the science as an ongoing process of enquiry.	CO1	K1
		(or)		
11.	b.	How will you find out a student with scientific attitude at your biology class.	CO3	K3
12.	a.	Explain the correlation of science with physics and chemistry.	CO3	K2
		(or)		
12.	b.	Describe the importance of the concept of correlation.	CO2	K1
13.	a.	State the types of correlation.	CO3	K3
		(or)		
13.	b.	Discuss the objectives of teaching science.	CO5	K5

PART – D **2 x 15 = 30**

Answer the following
Answer should not exceed 700 words or four pages

14.	a.	"Science is both a process and a product" – Explain.	CO1	K5
		(or)		
14.	b.	Write your suggestions to increase scientific attitude among your students at secondary level.	CO2	K3
15.	a.	What is scientific attitude? How will you develop scientific attitude in your students?	CO3	K4
		(or)		
15.	b.	Explain taxonomy of educational objectives.	CO5	K3

No. needed: 25