

Avinashilingam Institute For Home Science And Higher Education For Women

Coimbatore – 641 043.

Continuous Internal Assessment Test II - October 2018

SEMESTER I

Class : I B.Ed

Time: 2 Hrs.

Major: Biological Science and English

Max. Marks: 60

18BDSB11 / 18BEDB11-SCHOOL SUBJECT I-INTRODUCTION TO BIOLOGICAL SCIENCE

EDUCATION

Course Outcomes:

- CO1: List out the scope of learning biological science
- CO2: Formulate the inter relationship of science and other subjects using illustrations
- CO3: Identify and facilitate scientific attitudes in learners
- CO4: Compose an essay on the biographies of scientists/dramatize the life history of scientists
- CO5: Demonstrate the qualities required for a science teacher
- CO6: 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. Specific objectives determine-----behavior CO3 K2
 - a. Observable b. Non-observable
 - c. Systematic d. spontaneous
2. Teaching of biological science inculcates----- values. CO3 K2
 - a. Scientific b. Social c. Democratic d. Economic
 - b. b. c. d.
3. National Scientific Policy was formulated in the year----- CO4 K3
 - a. 1958 b. 1968 c. 1978 d. 1988
4. -----aims at quality improvement of school education at national level. CO4 K3
 - a. UNESCO b. NCERT
 - c. NCTE d. UGC
5. The competency of the science teacher can be judged on the basis of----- CO5 K3
 - a. The ability to inspire b. The length of the service
 - c. The extent of knowledge d. The ability to motivate

PART – B

5 x 2 = 10

Answer the following in one or two sentences

6. State the national goals of science. CO3 K2
7. Write a short note on the values of teaching biological science. CO4 K2
8. Comment on the efforts of UNESCO for development of science. CO5 K3
9. How to develop professionalism in science teachers. CO6 K4
10. Mention few science organizations in India. CO6 K2

PART – C

3 x 5 = 15

Answer ALL Questions

Answer should not exceed 200 words or one page

11. a. Briefly discuss the methods of inculcating scientific values among students in schools CO3 K4
11. b. Outline the different behavioural objectives in teaching biological science. CO3 K5 (or)
12. a. Classify and write the importance of selection of good books for a science library CO5 K5

12. b. Mention the role of a teacher in organizing a school science library. CO5 K3
13. a. Differentiate Achievement test and Diagnostic test with suitable illustrations CO6 K5
13. b. Enlist the merits and demerits of test items. CO6 K3

PART – D
2 x 15 = 30

Answer the following

Answer should not exceed 700 words or four pages

14. a. Outline the importance of laboratory in science teaching and highlight the records to be kept in the science lab. CO3 K5
14. b. Illustrate in detail the steps involved in the preparation and maintenance of a Herbarium in the laboratory (or) CO3 K5
15. a. Write in detail the different types of evaluation in teaching of biological science at the school level. CO6 K4
15. b. State the merits and demerits of internet and websites and the role of science teachers in the current era. CO5 K3

(or)

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