



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 / B.Ed. Special Education (VI/II) Degree Examination – March 2021
I Semester

Class : I B.Ed. / I B.Ed. Special Education (II)

Time : 3 Hours

Max Marks : 100

18BEDB11 / 18BDSB11 School Subject I: Introduction to Biological Science Education

Part A
Choose the Correct Answer

10 X 1 = 10

1. Latin word "Scientia" means
a. Truth b. Theory c. Knowledge d. Problem
2. Facts are
a. permanent b. temporary c. natural d. artificial
3. Reciprocal relation between various subjects in the curriculum is called as
a. analysis b. synthesis c. application d. correlation
4. _____ consists of ideas, theory and facts.
a. Language b. Science c. History d. Geography
5. According to Keats' "Truth is
a. honesty b. patience c. beauty d. perseverance
6. Higher order thinking skills is
a. creating b. organizing c. understanding d. remembering
7. The originator of the concept of Natural Selection is
a. Louis Pasteur b. Robert Koth c. Charles Darwin d. Luc Montagier
8. _____ provides recognition and disbursement of funds to universities in India.
a. UGC b. NCERT c. SCERT d. NCTE
9. The word 'Profession' means
a. career b. employment c. paid occupation d. job
10. _____ is a website for professional growth of a science teacher.
a. NSTA b. Wikipedia c. Google d. Yahoo

Part B

5 X 6 = 30

Answer ALL following

Each answer should not exceed 400 words or two pages

- 11.a. Science is an ongoing process enquiry – Justify.
(or)
- 11.b. Outline the values of teaching Science with special reference to Biology.
- 12.a. Explain the concept of Correlation.
(or)
- 12.b. Interpret the Biological Science with Mathematics and Physics and briefly present your views.
- 13.a. Discuss about the general aims of teaching Natural Science.
(or)
- 13.b. As a Biology teacher, list down the values that you will follow in your classroom.
- 14.a. Write a brief note on UNESCO Planning Mission
(or)
- 14.b. Point out the objectives of UGC.
- 15.a. Criticize the need of the professional growth of the Science teacher.
(or)
- 15.b. Express your views about Professional Ethics of a teacher.

Part C

5 X 12 = 60

Answer ALL following

Each answer should not exceed 800 words or four pages

- 16.a. Natural Science is a combination of both a process and a product.
Critically analyze the statement.
(or)
- 16.b. Trace the characteristics of a Scientific Attitude. Identify the various measures for developing Scientific Attitude.
- 17.a. Determine the ways and means adopted by a Biology teacher to follow interdisciplinary approach in his/her teaching.
(or)
- 17.b. What is Correlation? Choose any two topics in Biology and correlate it within the subjects.
- 18.a. Differentiate the Bloom's Taxonomy from Revised Bloom's Taxonomy.
(or)
- 18.b. Explain the Aims and Objectives of teaching Science.
- 19.a. Appraise the Landmarks in the development of Science Education in India.
(or)
- 19.b. Record a brief account on Contributions of great Biologists.
- 20.a. Prepare a report about the various activities conducted for professional growth of the Science teacher in your school.
(or)
- 20.b. Summarize the role of NCERT and SCERT in the professional growth of a teacher.
