



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 – January 2021
III Semester

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

Time : 3 Hours
Max. Marks : 100

**18BEDP13 /18BDSP13 School Subject I: Curriculum and Resources in
Physical Science Education**

Part A

10 x 1 = 10

Choose the Correct Answer

- Curriculum reflects the culture of
a. School b. Home c. Area d. Society
- Major concern of curriculum is
a. change in individual behaviour b. preparation for service
c. personal satisfaction d. none of the above
- Audio-visual aids help _____ students in the class.
a. slow learning b. playful c. intelligent d. curious
- Which one is the non projected aid?
a. Slides b. Film strips c. Videos d. Charts
- The desire to maintain a safe laboratory environment for all begins with
a. Prevention b. Ubiquity c. Microbiology d. Accidents
- Which of the following type(s) of Personal Protective Equipment (PPE) is frequently used?
a. Safety glasses b. Lab Coats c. Gloves d. All the above
- _____ are the storage areas for the various types of documents kept in library.
a. Tasks b. Racks c. Stacks d. Desks
- _____ is one of the records of circulation section.
a. Accession Register b. Day book
c. Catalogue Card d. AACR
- Which of the following is not a characteristics of a good achievement test?
a. Reliability b. Objectivity c. Ambiguity d. Validity
- Summative Assessment in Science should mainly focus on
a. accessing observation skills
b. diagnosing the areas of learning difficulties of a student
c. testing of mainly the practical skills
d. testing important theoretical concepts

Part B

5 x 6 = 30

Answer ALL questions

Each answer should not exceed 400 words or two pages

- 11.a. Bring out the principles of curriculum development.
(or)
11.b. Write a short note on concentric approach of curriculum organisation.
- 12.a. Bring out the importance of Educational Technology in teaching science.
(or)
12.b. Highlight the role of mass media in teaching science.
- 13.a. Write a note on Science lab.
(or)
13.b. Write your plan to store chemicals and apparatus in a Science Lab.
- 14.a. Mention the importance of work book.
(or)
14.b. List out the importance of science library.
- 15.a. What is the purpose of Evaluation?
(or)
15.b. Explain the hallmarks of a good test.

Part C

5 x 12 = 60

Answer ALL questions

Each answer should not exceed 800 words or four pages

- 16.a. Explain the importance of PSSC and CHEM study.
(or)
16. b. Describe the various approaches to curriculum organisation in Physical Science.
- 17.a. Justify the role of Internet in teaching Science.
(or)
17. b. Explain the importance of audio-visual aids.
- 18.a. List out the rules to be followed in science laboratory.
(or)
18.b. What are the records to be maintained in science laboratory?
- 19.a. What are the characteristics of a good science book?
(or)
19.b. How will you organize a science fair?
- 20.a. How will you construct an achievement test in physical science?
(or)
20.b. Discuss the types of evaluation.
