



Mallikarjuna

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 - October 2022
SEMESTER III

Class : II B.Ed

Time: 2 Hrs.

Major : Physical Science and English

Max. Marks: 60

21BEDP13 Curriculum and Resources in Physical Science Education

Course Outcomes:

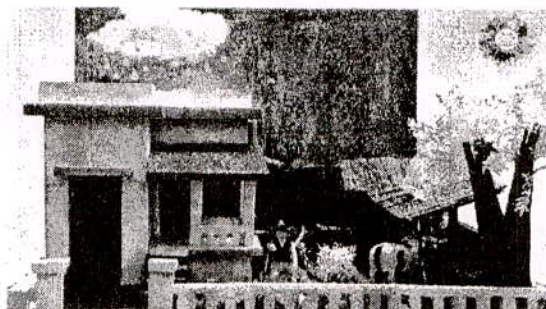
- CO1 Design a curriculum based on the different needs of students and society by keeping in mind the principles and approaches of curriculum development
- CO2: Prepare different teaching learning materials and use different technological gadgets for classroom instruction and management
- CO3: Design and maintain a science laboratory with all security measures
- CO4: Catalogue the periodicals and books in the library
- CO5: Construct and validate diagnostic test and achievement test

PART - A

6 x 1 = 6

Choose the best answer

1. Curriculum includes indoor activities and out-doors activities of the school whereas syllabus is concerned with activities mostly undertaken in the class room. CO1 K2
- a. Both are wrong b. Both are right
c. Latter is correct d. Former is correct
2. If the curriculum is based on the maturity level of the learners, it implies that it follows one among the following principles. CO1 K2
- a. Child centeredness b. Dynamic
c. Activity centeredness d. Utilitarianism
3. The concept of audiovisual aids can be traced back to seventeenth century when John Amos Comenius introduced _____ as teaching aids. CO2 K1
- a. Videos b. Text materials
c. Pictures d. Cartoons
4. To which category this picture belongs to? CO2 K2



- a. Diorama b. Simulation
c. Working model d. Mockup
5. The register in which the chemicals to be entered is CO3 K1
- a. Register for Consumable b. Register for Non Consumable
c. Register for breakables d. Accession register
6. Lecture room - cum - laboratory plan was first suggested by CO3 K1
- a. Dr.S.Kothari b. Dr. Whitehouse
c. Dr. Zakir Hussain d. Iswar Bhai patel

PART – B

3 x 6 = 18

Answer ALL Questions

Answer should not exceed 400 words or two pages

7. a. What do you understand by “Curricular reform” ? Explain PSSC in detail. CO1 K2
- (or)
7. b. What do you understand by “Challenge and enjoyment”, “Breadth” and “Progression’ in the context of curriculum designing? CO1 K2
8. a. List out any six principles to be remembered when using teaching learning materials for science teaching. CO2 K2
- (or)
8. b. List out any six principles to be remembered when preparing teaching learning materials for science teaching. CO2 K2
9. a. Differentiate pictures, cartoon and comics. CO2 K3
- (or)
9. b. Differentiate dramatization and demonstration. CO2 K3

PART – C

3 x 12 = 36

Answer ALL questions

Answer should not exceed 800 words or four pages

10. a. What are the different types of Curriculum Explain any four types quoting evidence from Tamil Nadu state board school science text book for each type? CO1 K4
- (or)
10. b. What do you understand by approaches in curriculum development? Bring out with illustration from Tamil Nadu state board school science text book how these approaches are followed? CO1 K4
11. a. List out any five types of projected visual aids and explain how they could be used to teach the concept “Pollution?” CO2 K4
- (or)
11. b. Name any five types of puppets that could be used for science teaching and illustrate how the puppets could be used to teach the concept “Global warming”? CO2 K4
12. a. As a Science teacher how would you store different chemicals in the laboratory? CO3 K3
- (or)
12. b. Explain any five accidents that may happen in a science laboratory and the first aid that should be provided. CO3 K3

Staff in charge: Dr Indu H

Number of copies: 20