



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.
Max. Marks: 60

**School subject 1- 21BEDM13/21BDSM13-Curriculum and Resources in Mathematics
Education**

Course Outcomes:

- CO1: design the curriculum based on the principles of curriculum
CO2: choose suitable resources for enhancing learning
CO3: establish a mathematics laboratory with the required equipments

PART – A

6 x 1 = 6

Choose the correct Answer

1. Curriculum construction depends on CO1 K1
 - a. educational objectives
 - b. instructional objectives
 - c. individual objectives
 - d. instrumental objectives

2. The word curriculum is derived from a ----- word CO1 K1
 - a. Greek
 - b. Latin
 - c. French
 - d. Dutch

3. Which of the following is not an objective to use the AV aids? CO2 K2
 - a. It is useful for slow learners
 - b. It is useful to develop curiosity
 - c. It is useful for brilliant students
 - d. Distracts the attention of the students from the main topic

4. Which is the hardware? CO2 K2
 - a. audio cassette
 - b. over head projector
 - c. transparency
 - d. printed material

5. The demerit of laboratory method of teaching is that it CO2 K2
 - a. lays emphasis on learning by doing
 - b. brings application of maths into prominence
 - c. neglects the maths theory
 - d. degenerates into manual training

6. Learning by doing is encouraged in CO3 K2
 - a. libraries
 - b. clubs
 - c. classrooms
 - d. Laboratories

PART – B

3 x 6 = 18

Answer ALL questions

Answer should not exceed 400 words or two pages

7. a. Write any ten difference between topical and spiral method. CO1 K2
(or)
7. b. Write any ten difference between student centered and teacher centered curriculum. CO1 K2
8. a. Highlight the principles of AV aids. CO2 K2
(or)
8. b. How do you use paper folding in teaching mathematics? Give examples. CO2 K3
9. a. Why Mathematics Lab is not established in many schools? Give reasons. CO3 K3
(or)
9. b. Explain any 5 equipments to be kept in mathematics lab? CO3 K2

PART – C

3 x 12 = 36

Answer ALL questions

Answer should not exceed 800 words or four pages

10. a. What are the principles of curriculum construction? CO1 K2
(or)
10. b. How do you organize the curriculum? CO1 K2
11. a. Explain the components in Dales cone of experience. CO2 K1
(or)
11. b. How do you use Mass media in teaching Mathematics? CO2 K3
12. a. Explain the need and importance of a mathematics laboratory with examples. CO2 K2
(or)
12. b. Explain which concepts (any 10) in Mathematics can be done in Laboratory? CO3 K3

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