



Manimozhi

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 II – April 2024
II SEMESTER

Class : I B.Ed

Major: Mathematics & English, Spl.Edn. & Mathematics

Time: 2 Hrs

Max. Marks: 60

School Subject 1:23BEDM12/23BDSM12 : Methods and Techniques of Teaching Mathematics

Course outcomes

At the end of the course, students will:

CO4 understand the different approaches in planning for instruction in teaching mathematics

CO5 Design different individualised instructional material for teaching mathematics

PART – A

Choose the correct answer

6 x 1 = 6

1. Lessons should be planned and prepared by _____ teacher. **CO4K2**
a. newly recruited b. any c. Inexperienced d. trainee
2. A teachers' detailed description of the course of instruction is **CO4K2**
a. Year Plan b. Lesson Plan
c. Weekly Plan d. Unit Plan
3. The focal point of lesson plan is **CO4K2**
a. Teacher b. Student c. Principal d. Curriculum
4. Lesson planning is a **CO4 K2**
a. Plan of action b. Teaching technique c. Training technique d. Writing Technique
5. Tutorial is one of the modes of _____ instruction **CO5K1**
a. programmed b. Team
c. personalised system of d. computer assisted
6. CAL stands for **CO5K1**
a. Computer Assisted Learning b. Computer Animated Learning
c. Computer Advanced Learning d. Computer Aided Learning

PART – B

Answer ALL questions

3 x 6 = 18

Each answer should not exceed 400 words or two pages

7. a. Explain ABL **CO4 K3**
(OR)
7. b. Explain ALM **CO4K3**
8. a. Explain CAI **CO5 K2**
(OR)
8. b. Explain PSI **CO5K2**
9. a. Explain Mathetics with an example. **CO5 K3**
(OR)
9. b. Highlight the principles in Individualised Instruction **CO5K2**

PART – C

Answer ALL questions

3 x 12 = 36

Each answer should not exceed 800 words or four pages

10. a. Justify the need and importance of a good year plan, unit plan and daily plan. **CO4K3**
(OR)
10. b. Explain the Herbartian steps. Bring out the need and importance of writing a lesson plan. **CO4K3**
11. a. Prepare five questions with four options in Branching Programming **CO5 K3**
(OR)
11. b. Prepare ten frames in Linear programming. **CO5K3**
12. a. Differentiate Linear from Branching(any10) **CO5K3**
(OR)
12. b. Differentiate Linear from Mathetics(any10) **CO5K3**

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