



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 I - August 2024

SEMESTER-I

Class : I B.Ed

Max. Marks: 60

Time: 2 Hrs

School subject 1-23BEDM11/23BDSM11 Introduction to Mathematics Education

Course Outcomes

- CO1 gain knowledge on basic concepts of Mathematics  
CO2 identify that Mathematics is related to other subjects  
CO3 formulate objectives for teaching and learning Mathematics and use Bloom's Taxonomy for evaluation

PART - A

Choose the correct answer

6 x 1 = 6

1. "Mathematics is the gate way and key of all sciences". This statement was said by  
a. Locke      b. C.F. Gauss      c. Benjamin Peirce      d. Roger Bacon      CO1K1
2. To provide the basis of mathematical skills and processes which will be needed for vocational purposes  
a. Practical aim      b. Cultural aim  
c. Social aim      d. Disciplinary aim      CO1K2
3. The highest level of psychomotor domain is  
a. characterization      b. naturalization      c. evaluation      d. synthesis      CO3K1
4. A good objective should be  
a. General and specific      b. Long and immeasurable  
c. General and observable      d. Specific, observable and measurable      CO3K2
5. The primary importance for determining the aims of education should be in favour of  
a. Teachers      b. Pupils      c. School      d. Society      CO3K2
6. To the student of Mathematics, the various application of mathematics like Geometry, Algebra and Statistics is an example of correlation of mathematics  
a. With different branches of mathematics      b. Within the same branch  
c. With other aspects of life      d. With other subjects      CO2K2

PART - B

Answer ALL questions

3 x 6 = 18

Each answer should not exceed 200 words

7. a. Define mathematics and explain the meaning and importance of Mathematics  
(OR)      CO1K2
7. b. Explain the importance of Logical reasoning in Mathematics      CO1K2
8. a. Enumerate the various types of correlation in Mathematics  
(OR)      CO2K2
8. b. Discuss the need and importance of correlation      CO2K2
9. a. Describe the Bloom's taxonomy of Educational objectives of Psychomotor domain  
(OR)      CO3K2
9. b. List any six aims and objectives of teaching Mathematics at Primary level      CO3K2

PART - C

Answer ALL questions

3 x 12 = 36

Answer should not exceed 800 words

10. a. Explain the scope of teaching mathematics.  
(OR)      CO1K2
10. b. Highlight the nature of the subject - mathematics.      CO1K2
11. a. Bring out the correlation of Mathematics with other aspects of life  
(OR)      CO2K2
11. b. Bring out the correlation of Mathematics with other subjects( any 6)of study with an example      CO2K2
12. a. Explain the Cognitive domain in Blooms Taxonomy  
(OR)      CO3K2
12. b. Explain the Affective domain in Blooms Taxonomy.      CO3K2

Staff in-charge: Mrs.S.S.Manimozhi & Dr.S.Lavanya

No. of Copies: Maths+Spl. Edn(maths).: = (10+14)=24+5=29