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 [now MoE]
Re-accredited with an 'A++'Grade by NAAC CGPA 3.65/4, Category I by UGC
Coimbatore - 641 043, Tamil Nadu, India

Continuous Internal Assessment Test I– October 2025
III Semester

Class : II B.Ed/II B.Ed Spl.Edn **Max. Marks: 60**
Time: 2 Hrs

23BEDM13 / 23BDSM13 - School subject I- Curriculum and Resources in Mathematics Education

Course outcomes
CO1 understand the principles in curriculum development
CO2 choose suitable resources for enhancing learning
CO3 organize co-curricular activities related to mathematics

PART – A
Choose the correct answer **6 x 1 = 6**

1. Which principle of curriculum development emphasises the content should be related to students lives? CO 1K2
   a. Principle of sequence b. Principle of activity
   c. Principle of utility d. Principle of comprehensiveness
2. Which of the following is a major consideration in the organization of curriculum? CO 1K2
   a. Students handwriting b. Teachers personal opinion
   c. Logical and Psychological order d. The size of the classroom
3. Which one of the following is a benefit of integration IT in teaching Mathematics? CO 1K3
   a. Reduce students participation
   b. Limits teacher creativity
   c. Enhances visualization of abstract concepts
   d. Encourages rote learning
4. Which is the primary role of a mathematics textbook in teaching? CO 2K2
   a. Substitute for the teacher b. Reference and structured content delivery
   c. Tool for exams only d. Only for revision
5. Which of the following is a key advantage of using e-books ? CO 2K2
   a. Higher printing cost b. Cannot be updated
   c. Portable and accessibility d. Very costly equipments needed
6. Learning by doing is encouraged in CO 3K2
   a. libraries b. clubs c. classrooms d. laboratories

PART – B
Answer ALL questions **3 x 6= 18**
Each answer should not exceed 200 words

7. a. Write any six differences between student centered and teacher centered curriculum. CO 1K2
   (or)
7. b. Write any six differences between topical and spiral method. CO 1K2
8. a. What are low-cost improvised teaching aids? Give 5 examples used in Mathematics teaching. CO 2K2
   (or)
8. b. Differentiate between textbooks and e-books (any 6). CO 2K2
9. a. Why Mathematics Lab is not established in many schools? Give reasons. CO 3K3
   (or)
9. b. Explain any 6 equipments to be kept in mathematics lab? CO 3K2

PART – C
Answer ALL questions **3 x 12 = 36**
Answer should not exceed 800 words

10. a. Describe the principles of curriculum construction? CO 1K2
    (or)
10. b. How does the principles guide the effective organisation of curriculum in schools? CO 1K2
11. a. Explain the components in Dale's cone of experience. CO 2K2
    (or)
11. b. Will Mass media enhance in teaching of Mathematics? Substantiate your answer. CO 2K2
12. a. Explain the concept of a maths Laboratory. Discuss its objectives, importance in school education and the role it plays in promoting hands- on learning. CO 3K2
    (or)
12. b. Explain which concepts (any 10) in Mathematics can be done in Laboratory? CO 3K2

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No. of Copies: B.Ed: 15 + Spl .Edn.: 15 = 30