



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 – September 2024**  
**SEMESTER-III**

Class : II B.Ed

Max. Marks: 60

Time: 2 Hrs

**School subject 1- 23BEDM13/23BDSM13-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**

**Choose the correct answer**

**6 x 1 = 6**

1. The word curriculum is derived from a ----- word  
a. Greek                      b. Latin                      c. French                      d. Dutch                      **CO1K1**
2. Curriculum construction depends on  
a. educational objectives                      b. instructional objectives  
c. individual objectives                      d. instrumental objectives                      **CO1K1**
3. Which is the hardware?  
a. audio cassette                      b. over head projector  
c. transparency                      d. printed material                      **CO2K2**
4. Which of the following is not an objective to use the AV aids?  
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                      **CO2K2**
5. Learning by doing is encouraged in  
a. libraries                      b. clubs                      c. classrooms                      d. laboratories                      **CO3K3**
6. The demerit of laboratory method of teaching is that it  
a. lays emphasis on learning by doing  
b. brings application of maths into prominence  
c. neglects the maths theory  
d. degenerates into manual training                      **CO3K2**

**PART – B**

**Answer ALL questions**

**3 x 6= 18**

**Each answer should not exceed 200 words**

7. a. Write any six difference between topical and concentric method.  
(OR)                      **CO1K2**
7. b. Write any six difference between student centered and teacher centered curriculum.                      **CO1K2**
8. a. How do you use paper folding in teaching mathematics? Give examples  
(OR)                      **CO2K2**
8. b. Highlight the principles of AV aids.                      **CO2K2**
9. a. Explain any 6 equipments to be kept in mathematics lab?  
(OR)                      **CO3K2**
9. b. Why Mathematics Lab is not established in many schools? Give reasons.                      **CO3K2**

**PART – C**

**Answer ALL questions**

**3 x 12 = 36**

**Answer should not exceed 800 words**

10. a. How will you organize the curriculum?  
(OR)                      **CO1K2**
10. b. Explain the need and importance of principles of curriculum construction                      **CO1K2**
11. a. Highlight the use of Mass media in teaching the subject Mathematics?  
(OR)                      **CO2K2**
11. b. Explain the components in Dales cone of experience                      **CO2K2**
12. a. Explain which concepts (any 6) in Mathematics can be done in Laboratory?  
(OR)                      **CO3K2**
12. b. Explain the need and importance of a mathematics laboratory with examples(any 6).                      **CO3K2**

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

**No. of Copies: Maths 15 +Spl. Edn.: 25= 40**