Avinashilingam Institute for Home Science and Higher Education for Women
(Deemed to be University under Category 'A' by MHRD, Estd. u/s 3 of UGC Act 1956)
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 2021
SEMESTER III

Class : II B.Ed- Gen Education /Special Education — Time: 2 Hrs.
Max. Marks: 60

School subject 1- 18BEDM13 / 18BDSM13 - 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 **6 x 1 = 6**
Answer all questions
(Multiple choice questions)

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 the following questions

Answer should not exceed 400 words or two pages

7. a.	Write any ten differences between topical and spiral method.	CO1	K2
	(or)		
7. b.	Write any ten differences 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 = 60

Answer the following 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 Dale's cone of experience.	CO2	K1
	(or)		
11. b.	How do you use Mass media is 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

Staff incharge : Mrs S.S.Manimozhi