



**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 - February/March 2025**

Class : II B.Ed.

**SEMESTER IV**

Max. Marks: 60

Major: Education & Spl.Edn

Time: 2 Hrs.

**22BEDM14/23BEDM14/23BDSM14: School Subject I -Professionalising Mathematics  
Education**

**Course Outcomes:**

- CO1: describe and analyse the steps in content analysis  
CO2: critically analyse the quality of mathematics textbook  
CO3: design and develop e-content lesson

**PART – A**

**6 x 1 = 6**

**Choose the correct answer**

1. The content analysis is? CO1K2  
a. An objective    b. A research tool    c. optional    d. useless
2. Which of the following is not an example of a 'unit of content analysis'? CO1K2  
a. words    b. Significant factors  
c. validity    d. Subject and themes
3. Which of the following is a website for social networking? CO3K2  
a. Skype    b. Orkut    c. Gmail    d. Google
4. \_\_\_\_\_ is a spreadsheet programme CO3K1  
a. MS Word    b. MS Excel    c. MS Dos    d. MS PowerPoint
5. The most useful textbook of mathematics CO2K2  
a. There are many solved examples  
b. There are sufficient illustrations and more questions for exercise  
c. All the exercise questions are solved  
d. All the above
6. Books written based on the prescribed syllabus for a particular class in a CO2K1  
subject is called \_\_\_\_\_ book.  
a. reference    b. hand    c. text    d. work

**PART – B**

**3 x 6 = 18**

**Answer the following**

**Each answer should not exceed 400 words or two pages**

7. a. Discuss the nature and structure of IX text book of Mathematics. CO1K3  
(or)
7. b. Describe the advantages of content analysis CO1K3
8. a. Explain Vogel's spotcheck list CO2K3  
(or)
8. b. Explain how a text book is useful to a teacher and student(each six Points) CO2K2
9. a. What are the characteristics of e- content development CO3K2  
(or)
9. b. Write down the steps for module preparation CO3K3

**PART – C**

**3 x 12 = 36**

**Answer the following**

**Each answer should not exceed 800 words or four pages**

10. a. Highlight the need and importance of content analysis. CO1K2
- (or)
10. b. Explain in detail the steps in content analysis. CO1K2
11. a. Highlight the characteristics of a good mathematics textbook. CO2K2
- (or)
11. b. Should we have text books in teaching mathematics? Substantiate your answer. CO2K3
12. a. Explain the phases involved in e content development CO3K3
- (or)
12. b. Write down the script writing for e-content CO3K3

**Staff Incharge: Mrs. S. S.Manimozhi & Mrs. S. Andal**

**No.of copies: B.Ed: 15 + Spl Edn.: 23 = 38**