



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 – I – March 2022

IV Semester

Class : II B.Ed./ II B.Ed. Special Edn.

Time : 2 Hours

Max. Marks : 60

18BEDM14/18BDSM14 School Subject I: Professionalising Mathematics Education

Course Outcomes:

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

PART – A

6 x 1 = 6

Choose the correct answer

1. The content analysis is? CO1 K2
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'? CO1 K2
a. words b. Significant factors
c. validity d. Subject and themes
3. Which of the following is a website for social networking? CO3 K2
a. Skype b. Orkut c. Gmail d. Google
4. _____ is a spreadsheet programme CO3 K1
a. MS Word b. MS Excel c. MS Dos d. MS PowerPoint
5. The most useful textbook of mathematics CO2 K2
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 subject is called _____ book. CO2 K1
a. reference b. hand c. text d. work

PART – B

3x 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. CO1 K3
(or)
7. b. Describe the advantages of content analysis CO1 K3
8. a. Explain Vogel's spotcheck list CO2 K3
(or)
8. b. Explain how a text book is useful to a teacher and student CO2 K2
9. a. What are the characteristics of e content development C03 K2
(or)
9. b. Write down the steps for module preparation CO3 K3

PART – C

3 x 12 = 36

Answer the following

Each answer should not exceed 800 words or four pages

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|--------|--|-----|----|
| 10. a. | Highlight the need and importance of content analysis. | CO1 | K2 |
| | (or) | | |
| 10. b. | Define content analysis. Explain in detail steps in content analysis. | CO1 | K2 |
| 11. a. | Enumerate the characteristics of a good mathematics textbook. | CO2 | K2 |
| | (or) | | |
| 11. b. | Should we have text books in teaching mathematics? Substantiate your answer. | CO2 | K3 |
| 12. a. | Explain the phases involved in e content development | CO3 | K3 |
| | (or) | | |
| 12. b. | Write down the script writing for e-content | CO3 | K3 |

No.of copies: 60

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