

File No.

M.Ed Fourth Semester
Final Paper

Name MES 553(A): Theme Based Specialization

Address Course-III

Educational Technology

Subject (a) Elementary Education

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**ST ANN'S COLLEGE OF EDUCATION
(AUTONOMOUS), MANGALURU
M.Ed. Two Year Programme – Choice Based Credit System (CBCS)**

**Fourth Semester Examination – March 2025
(Semester Scheme)**

**MES 553(A): THEME BASED SPECIALIZATION COURSE- III
EDUCATIONAL TECHNOLOGY
(a) ELEMENTARY EDUCATION**

Time: 3 Hours

Max. Marks: 70

Instructions: There are two sections in the question paper. Both the sections are compulsory.

Section A

Note: Answer the following questions in about FOUR to FIVE pages each.

- 1a) i) Explain the systems approach of educational technology with an appropriate illustration.
ii) Discuss the meaning and applications of the three different forms of educational technology. (6+9)

OR

- b) i) Discuss the various strategies for effective communication.
ii) Explain the nature and barriers in classroom communication. (8+7)

- 2 a) i) Explain the factors affecting selection of media for instruction.
ii) Discuss Dale's cone of experience and its applications to elementary education. (7+8)

OR

- b) i) Explain the meaning and types of instructional design.
ii) Discuss any one teaching model with its syntax and application to elementary level. (7+8)

- 3 a) i) Explain the concept, advantages and limitations of computer adaptive testing.
ii) Discuss the features of Learning Management System (LMS) and explain the benefits of LMS in Education. (6+9)

OR

- b) i) Explain the educational paradigms of Computer Assisted Learning (CAL).
ii) Discuss the various E-learning modalities with appropriate examples for elementary level. (7+8)

Contd...2.

- 4 a) i) Discuss the assumptions and steps of cognitive theory of Multimedia learning.
ii) Explain the meaning and types of educational software packages. (7+8)

OR

- b) i) Explain the meaning and types of E-content.
ii) Discuss the ADDIE model for design and development of E-content. (7+8)

Section B

Note : Answer any TWO of the following questions in about a page each. (2x5=10)

- 5 a) Explain the functions of Central Institute of Educational Technology (CIET).
b) Describe any two types of language laboratories along with its limitations.
c) Explain TPACK framework of techno-pedagogy.
d) Discuss the barriers and challenges of using mobile technology in the elementary classrooms.

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