

THE OPEN UNIVERSITY OF SRI LANKA
M.A. IN TEACHER EDUCATION - PART II
FINAL EXAMINATION 2006



**ESP 2261 – EDUCATIONAL TECHNOLOGY, TEACHING METHODOLOGY
AND COMMUNICATION SKILLS**

DURATION: THREE (03) HOURS

DATE: 27th February 2006

TIME: 10.00 a.m. – 1.00 p.m.

Answer only three (03) questions. Each answer should be given in a Separate Book.

01. i. Define “Educational Technology” and explain how it differs from “Technology in Education”.
(30 marks)
- ii. Describe three main factors to consider when creating a technology-enhanced learning environment.
(30 marks)
- iii. Describe four challenges faced by teachers when attempting to integrate new technologies into the teaching-learning process.
(40 marks)
02. i. Explain the ‘Communication Process’
(30 marks)
- ii. Discuss briefly, how communication models help one to understand the communication process, taking into consideration any three communication models you have studied.
(40 marks)
- iii. ‘A knowledge on communication models is essential to a teacher educator’. Discuss giving appropriate examples.
(30 marks)
03. i. Describe two teaching methodologies that support a constructivist approach towards learning.
(30 marks)
- ii. Explain four characteristics observed in the role of learners in a constructivist learning environment, in contrast to an instructivist learning environment.
(40 marks)
- iii. What is the role of technology in a constructivist learning environment?
(30 marks)

04. i. Compare the strengths and weaknesses of a text-based self-learning material with an audio visual learning material. (30 marks)
- ii. Discuss briefly the advantages and limitations of Educational TV and Instructional Videos as learning resources. (30 marks)
- iii. Describe the characteristics and functions of audio cassettes and radio programmes used in classroom teaching and learning. (40 marks)
05. i. Explain with examples, how students learn with computer technology, rather than learning from computer technology. (30 marks)
- ii. Describe four services on the Internet which can facilitate professional activity of an educator. (40 marks)
- iii. State three forms of online communication and explain how one of these forms support collaborative learning among students. (30 marks)
06. Write short notes on any three (03) of the following.
- i. Strengths and limitations of the Internet as a source of information.
- ii. Production formats of instructional video and their appropriateness in classroom teaching.
- iii. Contribution of interactive multimedia in the learning process.
- iv. Safety issues and maintenance of technological equipment.
- v. Main considerations in the selection of a teaching-learning methodology. (33 1/3 marks each)

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