THE OPEN UNIVERSITY OF SRI LANKA

POST GRADUATE DIPLOMA IN DISTANCE EDUCATION

FINAL EXAMINATION 2008 (2nd SEMESTER)

ESP 1223 – DEVELOPMENT OF MULTI MEDIA INSTRUCTIONAL
           MATERIAL

DURATION : THREE (03) HOURS

DATE : 07th September 2008	TIME : 9.30 a.m. – 12.30 p.m.

ANSWER <u>ALL</u> THE QUESTIONS IN PART I AND ANY <u>THREE</u> QUESTIONS
FROM PART II

PART I

01.   i.   State five factors to be considered when designing learning experiences. Give one reason each, for all 05 factors.

   ii.   name 03 experience-based pedagogical designs and state the key features of one of these designs.

   iii.   Briefly explain strengths and weaknesses of incorporating audio and video into instructional materials.

   iv.   State 05 stages in the developing process of script writing or story boarding

   v.   Compare and contrast the supplementary and complementary approaches in multimedia delivery.

   vi.   State 05 purposes of evaluating multimedia courseware.

   vii.   Briefly explain what is formative evaluation, and state 03 advantages of formative evaluation in multimedia development.

   viii.   Describe briefly 05 methods of data collection for evaluation of multimedia.

(5 x 8 = 40 marks)

PART II

02. i.   Define the term "Interactive Multimedia"

(05 marks)

ii.   Briefly describe five factors to be considered when selecting appropriate media to be included in an interactive multimedia learning material with reasons.

(05 marks)

iii.   Explain with an example, how interactive multimedia would enhance active learning.

(10 marks)

03. i.   Briefly describe the five key stages in the instructional design process.

(10 marks)

ii.   Explain three key design issues to be addressed when designing interactive multimedia.

(05 marks)

iii.   Explain using on example how an instructional designer can provide meaningful learning experiences for learners in an interactive multimedia environment.

(05 marks)

04. i.   "Educational Technology is not just a collection of machines but a way of acting" state whether you agree/disagree with this statement providing reasons.

(06 marks)

ii.   Briefly describe the role of educators in integrating technology into distance education systems.

(06 marks)

iii.   State four constraints that distant educators could face in the technology integration process and suggest measures to overcome these.

(08marks)

05.   i.   Explain what is evaluation of multimedia, with the help of 02 definitions of evaluation.

                                                                              (05 marks)

     ii.   Describe the main steps in evaluating a multimedia production.

                                                                              (10 marks)

     iii.   State the advantages of using a "Multiple Methods Evaluation Model" for evaluating technology-enhanced learning packages.

                                                                              (05 marks)

06.   Write short notes on <u>any three</u> of the following.

     i.   Advantages of concept napping in multimedia learning material development.

     ii.   Storyboarding as a technique to support multimedia development.

     iv.   The world wide we (www) as a rich learning environment.

     v.   Role of teachers in using computer technology in education.

     vi.   Desired features of a multimedia authoring tool.

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