THE OPEN UNIVERSITY OF SRI LANKA

POST GRADUATE DIPLOMA IN DISTANCE EDUCATION

FINAL EXAMINATION 2010 (2ⁿᵈ SEMESTER)

ESP 1223 – DEVELOPMENT OF MULTI MEDIA INSTRUCTIONAL
MATERIAL

DURATION : THREE (03) HOURS

DATE : 03ʳᵈ August 2010	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 advantages of using multimedia instructional material.

    ii.   Briefly explain five factors to consider when designing interactive multimedia.

    iii.   Describe five design aspects that should be addressed when designing interactive multimedia.

    iv.   State five main characteristics of teacher-centred pedagogical designs.

    v.   Identify five strengths of incorporating video into a multimedia production.

    vi.   State two advantages and two disadvantages of incorporating animations in a multimedia instructional material.

    vii.   Briefly explain the need to evaluate multimedia instructional material.

    viii.   Describe five methods and relevant instruments to collect data for evaluating multimedia.

(05 x 8 = 40 marks)

PART II

02. i. Explain the difference between "learning from technology" and "learning with technology"

(06 marks)

ii. Describe with an example how computer technology can be used to enhance a meaningful learning among learners.

(06 marks)

iii. State four challenges faced by distance educators when integrating computer technology into the teaching-learning process and suggest measures to overcome those.

(08 marks)
(Total 20 marks)

03. i. Explain what is meant by the term "multimedia" and how it can be made "interactive"

(05 marks)

ii. Briefly describe the key stages in the multimedia courseware development process.

(10 marks)

iii. Give reasons why the "course team" approach is required in multimedia production.

(05 marks)
(Total 20 marks)

04. i. Draw a concept map indicating how you would design the learning experience of an interactive multimedia instructional material on a selected topic for distance learners.

(08 marks)

ii. Identify the appropriate media that you would integrate into the above material and justify your selection.

(06 marks)

iii. Explain the strategies used to enhance interactivity of this material

(06 marks)
(Total 20 marks)

05.   i.   Describe the two main types of evaluation used in multimedia courseware, and state advantages of each type.

(06 marks)

      ii.   Draw a flow chart indicating the main steps in the multimedia evaluation process, and briefly explain the steps.

(08 marks)

      iii.   State four models of evaluation and briefly explain one model.

(06 marks)

(Total = 20 marks)

06.   Write short notes <u>on any three (03)</u> of the following.

      i.   Multimedia authoring tools

      ii.   Stages in storyboarding

      iii.   Different approaches used in delivery of multimedia

      iv.   Selection of appropriate media

      iv.   Role of distance educators in technology integration.

(06 x 3 + 2=20 marks)

- Copyrights reserved -