Name : ....

Roll No. : ....

Invigilator's Signature : ....

CS/M.TECH (MSS)/SEM-2/MMS-202/2012

2012
MULTIMEDIA DESIGN AND E-LEARNING

Time Allotted : 3 Hours   *Full Marks* : 70

The figures in the margin indicate full marks.

*Candidates are required to give their answers in their own words
as far as practicable.*

Answer any *five* question.   5 × 14 = 70

1. What is multimedia based learning ? How multimedia enhances the learning ability of a learner ? Illustrate with the help of a suitable example. Explain the three basic domain of Learning according to bloom's taxonomy.   3 + 3 + 4 + 4

2. What is e-learning ? How e-learning differs from conventional teaching-learning ? State the various reasons for popularity of e-learning.   2 + 5 + 7

3. What is a Learning Management System (LMS) ? What are the primary features of an LMS ? How LMS is different from Learning Content Management System (LCMS) ? What are the four features of LCMS.   2 + 5 + 3 + 4

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4. What is AICC ? What are the objectives of AICC ? State the AICC recommendation for standard formats for following courseware element : text, graphics and frame based motion pictures. Illustrate how AICC recommends authoring systems to comply with one of the four level of compliance.

2 + 3 + 3 + 6

5. What is ISD ? What are the various features of ISD ? Explain with the help of a suitable diagram the various phases of ADDIE Model. State the different activities of each phases.

2 + 2 + 5 + 5

6. What is a SCO ? How do you combine SCOs to make an aggregation ? What are the advantages and disadvantages of using SCORM ? 2 + 6 + 6

7. What is Learning Technology System Architecture (LTSA) ? What are the five different layers of LTSA ? Describe with the help of a suitable diagram the system components (layer – III) of LTSA. 2 + 5 + 7

8. What is confidence based assessment ? How it differ from conventional assessment of a learner ? What are the advantages of using Confidence Based Learning ? Draw the use-case diagram for LMS using CBL. 4 + 2 + 4 + 4

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