END TERM EXAMINATION

FIFTH SEMESTER [MCA] DECEMBER 2010

Paper Code: MCA305	*Subject: Multimedia Technologies*
Paper ID: 44305	

Time: 3 Hours	*Maximum Marks: 60*

*Note: **Q.1** is compulsory. Attempt one question from each unit.*

Q 1   Explain the following:-   (2x10=20)
(a) Hypermedia
(b) ODA
(c) VRML
(d) Digital Radio
(e) Runlength encoding
(f) Multimedia software
(g) Use of 3D effects
(h) Interactive television
(i) Animation
(j) Plug-Ins

UNIT – I

Q 2   (a) Explain the concept of CD-ROM.   (4)
(b) What is authoring? Explain different authoring tools.   (6)

Q 3   (a) Discuss about multimedia hardware.
(b) Discuss different stages of making of multimedia products.

UNIT – II

Q 4   (a) What is the requirement of data compression? Discuss different encoding techniques. (6)
(b) Explain the usage of Flash.   (4)

Q 5   (a) Explain the procedure of making JPEG.   (7)
(b) List different types of frames used in MPEG.   (3)

UNIT – III

Q 6   (a) Explain the working concept of Web Sensors.
(b) Discuss about HTML.

Q 7   (a) Discuss the concept of web browsers.   (6)
(b) Discuss different multimedia applications.   (4)

UNIT – IV

Q 8   (a) Explain the concept of multimedia conferencing.   (6)
(b) Discuss differences between analog and digital communication.   (4)

Q 9   Write short notes on **any two** of the following:-   (5+5)
(a) Image editing tools
(b) Digital broadcasting
(c) Role of multimedia project planning and casting.

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