

END TERM EXAMINATION

SIXTH SEMESTER [BCA] MAY-JUNE 2016

Paper Code: BCA 308

Subject: Multimedia & Its Application

Time : 3 Hours

Maximum Marks : 75

Note: Attempt any five questions including Q.NO. 1 which is compulsory. Select one question from each unit.

- Q1. Answer **any five** of the following briefly: (5x5=25)
- a) Bitmap images
 - b) Media entertainment
 - c) Hypermedia
 - d) Media games
 - e) Differentiate temporal and non temporal media
 - f) Purpose of Dream weaver
 - g) JPEG image format

Unit-I

- Q2. a) What is meant by Authoring of Software and explain about authoring tools? (7.5)
 b) What is multimedia? Explain its applications in various fields. (5)
- Q3. a) Explain different software and hardware used in developing multimedia products? (7.5)
 b) Discuss the skill set required for multimedia project development. (5)

Unit-II

- Q4. a) Explain the principle of operation of LZ compression algorithm. (7.5)
 b) State the basic form of representation of text, an image, audio and video? (5)
- Q5. a) What is data compression? Explain different data compression techniques. (7.5)
 b) Justify, why cannot we use lossy compression techniques in text like images? (5)

Unit-III

- Q6. a) Explain the terms media communication and media consumption for multimedia applications. (6.5)
 b) What is the basic function of the following tools for the WWW? (6)
 i) Web servers
 ii) Web Browsers
 iii) Web page makers and site builders
- Q7. a) What is plug-ins? Explain with examples. When do we use them and how? (6)
 b) What is the role of HTML and HTTP in delivering and launching multimedia on the web? (6.5)

Unit-IV

- Q8. a) Discuss in detail assembling and delivering of multimedia project planning and its costing. (7.5)
 b) Explain the concept of multimedia conferencing. (5)
- Q9. Write short notes on following:
- a) Intereactive television (6)
 - b) Virtual Reality (6.5)

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