

END TERM EXAMINATION

SIXTH SEMESTER [BCA] MAY- JUNE 2015

Paper Code: BCA-308

Subject: Multimedia and its application
(Batch 2011 Onwards)

Time: 3 Hours

Maximum Marks: 75

Note: Attempt any five question including Q.No 1 which is compulsory.

- Q1. Answer the following questions in brief:- (2.5x10=25)
- (a) Explain how multimedia is different from graphics.
 - (b) Give various applications of multimedia.
 - (c) Explain the concept of Virtual Reality.
 - (d) Give short note on Plug-ins.
 - (e) Give the role of media games.
 - (f) Differentiate between analog and digital elements.
 - (g) What do you understand by the term data compression?
 - (h) Which one is better- lossy or lossless compression technique and why?
 - (i) Give short note on HTML.
 - (j) Differentiate between temporal and non temporal.
- Q2. (a) Explain authoring tools of multimedia (6)
(b) What qualities are required for all the team members of multimedia project? (6.5)
- Q3. (a) Explain in detail the formation and working of a CD. (6)
(b) Describe multimedia highway. (6.5)
- Q4. (a) Explain the building blocks of multimedia (6.5)
(b) Explain any two data compression techniques in detail. (6)
- Q5. (a) What are the hardware and software requirements for designing multimedia? (6)
(b) Discuss the steps required for assembling and delivering a multimedia project. (6.5)
- Q6. (a) Describe the evolution of multimedia and storage devices. (6)
(b) Explain how digital communication is helping in advancement of multimedia. (6.5)
- Q7. Write short note on the following-
(a) Multimedia Conferencing (4.5)
(b) Media Entertainment. (4)
(c) Interactive Television. (4)
- Q8. Write short notes on the following:-
(a) WWW and its tools. (4.5)
(b) Internet and its history. (4)
(c) Digital Radio (4)

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