

Roll No. 

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Total No. of Pages : 02

Total No. of Questions : 07

B.Sc.(CS) (2013 &amp; Onwards) (Sem.–6)

**MULTIMEDIA**

Subject Code : BCS-605

M.Code : 72785

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTIONS TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains SIX questions carrying TEN marks each and students have to attempt any FOUR questions.

**SECTION-A****1. Answer briefly :**

- a) What is the use of Multimedia?
- b) Write a short note on Multimedia software.
- c) What is the use of SGML markup language?
- d) Discuss multimedia authoring tools.
- e) What are the features of Multimedia servers?
- f) Differentiate Entropy and Run Length encoding.
- g) Differentiate lossless and lossy compression.
- h) Define Sample Rate.
- i) Write a short note on BMP image format.
- j) What is Intra-frame coding?

### SECTION-B

2. What are various multimedia standards for document interchange?
3. Write a short note on RAID and its levels.
4. Discuss the process of delivering of audio over the network.
5. Show the basics of Huffman coding by taking suitable example.
6. Define following :
  - a. Multimedia hardware devices
  - b. MHEG
7. What are the features of Multimedia systems? Explain latest trends of Multimedia.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**