

B.Tech. SEM -V (Computer) 2014 Course (CBCS) : SUMMER - 2019
SUBJECT-ELECTIVE-I MULTIMEDIA & MOBILE APPLICATIONS

Day: Wednesday
Date: 15/05/2019

S-2019-2658

Time: 10.00 AM TO 01.00 PM
Max. Marks: 60

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat diagram **WHEREVER** necessary.

Q.1 Explain in detail the characteristics & key issues of multimedia system. Identify and describe the challenges in developing a video conferencing application. **(10)**

OR

Q.1 Draw a neat diagram and explain different types of streams used in multimedia streaming. **(10)**

Q.2 Explain in detail JPEG compression methodology .list it's advantages. **(10)**

OR

Q.2 Explain different issues in image data representation. Compare TIEF file structure and RIFF file structure. **(10)**

Q.3 Draw a neat diagram and explain the process of digitizing a video signal. **(10)**

OR

Q.3 Describe in detail the issues in multimedia query processing. **(10)**

Q.4 Compare the characteristics of multimedia system and hypermedia system. Illustrate with example. **(10)**

OR

Q.4 Define multimedia authoring. Describe the steps involved in a use of authoring tool. List features and benefits of any one authoring tool. **(10)**

Q.5 Explain in detail the quality of service parameters of a multimedia application and describe how the quality of service provided by multimedia application can be improved. **(10)**

OR

Q.5 Explain in detail different applications of Media- on- Demand services. **(10)**

Q.6 Draw a neat diagram and explain activity states and lifecycle. **(10)**

OR

Q.6 Describe the need of mobile database compare client-server mobile database and peer-to peer mobile database. **(10)**

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