

333673(33)

BE 6th Semester

Examination April-May 2021

Branch: IT (New Scheme)

Multimedia & Virtual Reality

Time Allowed : Three Hours

Maximum Marks : 80

Passing Marks : 28

Note: Attempt all questions. Part (a) from each question is compulsory and carries 2 marks, attempt any two parts from part (b), (c) and (d) carrying 7 marks each.

Q.1(a). Define multimedia.

- (b). Explain multimedia products & its evolution.
- (c). Write down the properties of multimedia system.
- (d). Write short notes on:
 - a)continuous media
 - b)Data stream

Q.2(a). What are the types of multimedia.

- (b). Explain MIDI.
- (c). What are the authority tools of multimedia system.
- (d). Explain computer based animation.

Q.3(a). What do you mean by data compression.

- (b). Explain dynamic Huffman technique.
- (c). What are the coding requirements of data compression.
- (d). Write short notes on:
 - a) JPEG
 - b) MPEG

Q.4(a). What do you mean by optical storage.

- (b). Explain compact disk digital audio along with its advantages.
- (c). Explain CD-ROM Briefly.
- (d). What do you mean by CDWO.

Q.5(a). What do you mean by virtual reality.

- (b). What do you mean by augmented reality system.
 - (c). Explain VRML Programming and why it is used.
 - (d). What do you mean by critical rendering.
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