

No. of Printed Pages : 03

Roll No.

H-307

B. Tech. EXAMINATION, May 2018

(Eighth Semester)

(B. Scheme) (Main & Re-appear)

(IT)

IT456B

MULTIMEDIA AND VIRTUAL REALITY

Time : 3 Hours]

[Maximum Marks : 75

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Attempt *Five* questions in all, selecting at least *one* question from each Unit. All questions carry equal marks.

(3-37/19)M-H-307

P.T.O.

Unit I

1. (a) Describe Software and Hardware requirements for multimedia media. **8**
(b) What is Data Stream ? What are its types ? Explain. **7**
2. (a) What are various categories of authoring tools ? Explain. **7**
(b) Explain MIDI in detail. **8**

Unit II

3. (a) With the help of an example illustrate usage of Dynamic Huffman techniques to text compression. **8**
(b) Briefly describe MPEG compression in detail. **7**
4. Explain statistical coding techniques in detail. **15**

Unit III

5. What do you mean by WORMS ? Explain its types in detail. **15**
6. Compare design of CD with DVD in detail. Also give merits and demerits of both. **15**

Unit IV

7. What is an augmented reality system ? Explain its working in detail. **15**
8. Write short notes on the following : **15**
 - (a) VRML programming
 - (b) Time Critical Rendering.