

Roll No.

Total No. of Pages : 1

BT-5/D05

8927

Multimedia & Virtual Reality

Paper : IT-359

Time : Three Hours]

[Maximum Marks : 100

Note :— Attempt **FIVE** questions in all selecting at least **ONE** from each unit. All questions carry equal marks.

UNIT—I

1. What do you mean by multimedia presentations and applications ? Describe three advances in technology that have contributed to the development of multimedia applications.
2. What is the role of sampling and quantization in digital representation of sound ? List some distinguishing features of DVI technology.

UNIT—II

3. What are multimedia information systems ? What approaches are taken to support continuous media ?
4. What is the purpose of multimedia presentation and authoring software ? Describe the design paradigm for authoring and presentation.

UNIT—III

5. Describe the architecture for network based multimedia services. What are the components of a Quick time movie file format ?
6. Give a few examples to show how animations are used in multimedia applications. What techniques enhance animation ?

UNIT—IV

7. How do you characterize applications based on virtual reality ? Give one example of such an application ?
8. (i) What is an intelligent multimedia system ?
(ii) Describe the application of multimedia in education and entertainment.

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