

Printed Pages – 4

Roll No. : .....

**322842(22)**

**B. E. (Eighth Semester) Examination, 2020**

APR-MAY

(New Scheme)

(CSE, IT Engg. Branch)

**DISTRIBUTED MULTIMEDIA**

*Time Allowed : Three hours*

*Maximum Marks : 80*

*Minimum Pass Marks : 28*

*Note : Attempt any two parts from (b), (c) and (d).*

*Part (a) from each question is compulsory.*

**Unit-I**

1. (a) Define Distributed system.

2

322842(22)

PTO

[ 2 ]

- (b) Explain the different middleware in distributed computing. 7
- (c) Explain different components service agent use in distributed system. 7
- (d) Write down different application software use in distributed system. 7

### Unit-II

- 2. (a) Define Topologies. 2
- (b) Write down the network performance issues occurred in distributed system. 7
- (c) Explain different type of multimedia server use in distributed multimedia. 7
- (d) Write short notes, (any two) 7
  - (i) Rewritable optical disk
  - (ii) Write once read many optical disk
  - (iii) Optical disk libraries

### Unit-III

(322842(22))

[ 3 ]

3. (a) What is Database? 2
- (b) Explain object server architecture for distributed multimedia database. 7
- (c) How managing hypermedia records as object in distributed multimedia database? 7
- (d) What different data replication techniques use in distributed multimedia? 7

**Unit-IV**

4. (a) Define system design. 2
- (b) Write down different fundamental design issue occur in distributed multimedia. 7
- (c) How performance analysis and monitoring manage in distributed multimedia? 7
- (d) Explain the data mining enterprise requirements for distributed multimedia. 7

**Unit-V**

5. (a) Define storage management. 2

322842(22)

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[ 4 ]

- (b) Explain system design methodology for distributed system. 7
- (c) How maximizing network transportation in distributed environment? 7
- (d) Explain different storage management use in distributed system. 7