

## **INTERNAL ASSESSMENT 2020**

**5<sup>th</sup> sem.**

### **COM-DCOM**

**Write any five question**

Q.1). Explain in detail about ACID property and tell how it is helpful in S/W development.

Q.2). Is it possible to write COM program using existing OLE technology? Write a note on it.

Q.3). How clustering factor improve and help in COM programming.

Q.4). What do you mean by persistence object.

Q.5). How DNA is associated with DCOM . Explain.

Q.6). What is Message Queuing and how is it helpful in windows environment and when it is used?

Q.7). What security is performed in COM?

Q.8). Write a simple code in c++ or any other language, the demonstrate the use of COM component.

Q.9). What is Multi-tier architecture and how it is different from three tier architecture.

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## Multimedia

**Write any five question**

Q.1).i)What do you mean by Multimedia and how it benefits of use in public places.

ii)Give three reasons for the growth of multimedia from marketing standpoint?

Q.2).i)List and describe the major multimedia hardware peripherals.

ii)Distinguish between DVD and CD-ROM. How are OCR software different from Text

editing tools.

Q.3).i)Mention the advantages and disadvantages of MIDI over digital audio.

ii)Discuss the use of text in multimedia. Explain the term Hypermedia and Hypertext.

Q.4).i)Explain Lossless compression of sound.

ii) Explain Video Compression and MPEG standards.

Q.5). Describe various phases of Multimedia application Development.

Q.6). What advantages does the computer provide over traditional animation practice. Describe various animation principles.

Q.7). Distinguish between:

i) Image and Graphics

ii) Video and Animation.

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**Java**

**Write any five question**

Q.1). What do you mean by platform independent? How java is strongly associated with the Internet?

Q.2). Define Constructor? What are its special properties and how do we invoke a constructor.

Q.3). What is the difference between Multithreading and Multiprocessing? What is to be done to implement these in a program?

Q.4). What is an Exception? List some of the common types of exception that might occur in java. Give example.

Q.5). What is an applet? How do applets differ from application programs, discuss the steps involved in developing and running applet.

Q.6).What are input and output streams? Explain them with examples. Also distinguish between the input stream and reader classes.

Q.7).What is the use of JDBC-ODBC and what are the major steps for connectivity with MS-Access database.

Q.8).Write short notes:

i)Event Handling    ii)EJB    iii)AWT package    iv)Server-socket database.

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**RDBMS**

**Write any five question**

Q.1).What do you mean by DBMS. Explain advantages and disadvantages of database over flat file system.

Q.2).What do you understand by Normalisation and how the normalisation removes the insertion,deletion, and updating problems of relational database. Explain the above with the help of suitable examples.

Q.3).Differentiate between following:

i) Conceptual and Physical Model      ii). Distributed and Central Database.

Q.4). Construct an E-R Diagram for a hospital with a set of patients and a set of medical doctors. Associate with each patient a log of the various test and examinations conducted.

Q.5). Explain the distinction among the terms primary key, candidate key and super key.

Q.6). Give an example of a relation schema R and a set of dependencies such that R is BCNF , but is not in 4NF.

Q.7). Write short notes on the following:

a) Integrated database    b) Data independency    c) Database security    d) Data Model

**5<sup>th</sup> sem.**

**CCM**

**Write any five question**

Q.1).Define Entrepreneur. List out any five attributes which describe the profile of an Entrepreneur.

Q.2).What is meant by entrepreneurial motivation ? Is it necessary for the successful entrepreneur? Discuss!

Q.3).How will you classify the levels of management in an organisation? Describe the functions performed by different levels of management.

Q.4).Define Motivation and describe the main assumptions of theory X and Y.

Q.5).Write detailed notes on “Future trends in Organisational Behavior”.

Q.6).Why do informal groups emerge in organisation .

Q.7).The term ‘Organisation is used in different ways and therefore it is difficult to derive it’s exact meaning’. Elaborate this statement and examine the meaning of the organisation in it’s different usage.

Q.8).Write short notes on the following :-

a)Power    b).Styles of Leadership    c)Perception    d)Formal and Informal group    e)Group Information.