

## **INTERNAL ASSESSMENT 2020**

**3<sup>rd</sup> sem.**

**IT**

**Write any five question**

- Q.1).What is software?Define it's type also?
- Q.2).What is distributed operating system? Give overview of an operating system.
- Q.3).What are different types of O/S according to feature?
- Q.4).What are the general functions of O/S or what is processor management? Define process and it's state also.
- Q.5).What is CPU Scheduling or Process Scheduling or Processor Scheduling and define Scheduling algorithm.
- Q.6).Difference between primitive and non-primitive scheduling?
- Q.7).What is Computer system architecture?
- Q.8).Define the memory system?
- Q.9).What is data communication? Define various types of communication mode.
- Q.10).What is the things necessary for selection of a computer system?
- Q.11).Write down the difference between connection oriented and connectionless services?
- Q.12).What do you mean by I/O file management?
- Q.13).Explain, in brief the OSI reference model?
- Q.14).What do you mean by I/O management and file management?
- Q.15).What do you mean by software engineering and it's taxonomy(method)?

Q.16).Explain briefly about the s/w development paradigm?

Q.17).What is SRS(Software Requirement Specification) and also explain characteristics of SRS?

Q.18).What is the components of SRS?

Q.19).What is Microwave transmission?

Q.20).What is Protocol?

**3<sup>rd</sup> sem.**

**(Visual Basic)**

**Write any five question**

Q.1).What are the different data types used in Visual Basic? How these data are declared and used in functions. Explain with example.

Q.2).Discuss object oriented feature of Visual basic. How class module is implemented in visual basic.

Q.3).What is exception handling? How this is handled in visual basic.

Q.4).Develop a program with suitable interface to find number of vowel and consonant in a given string.

Q.5).Discuss any five functions with which string manipulation is done in visual basic.

Q.6).What do you mean by call by value and call by reference? W.A.P in visual basic to find factorial of given number using recursion.

Q.7).List any five active-X control in visual basic with their use.

Q.8).What is the importance of Menu Editor in visual basic? How menu and sub menu is created with the help of menu editor.

Q.9).Write short notes on any four:

a).Event driven programming

b).ADO

c).MDI and SDI

d).Iteration control statements.

e).Access modifier (e.g. private,public)

**3<sup>rd</sup> sem.**

**(DBMS)**

**Write any five question**

Q.1).Explain the term RDBMS. How relational model of database differed from network data model. Discuss advantages and disadvantages of RDBMS.

Q.2).How redundancy of data is handled in database? Discuss normalization of data up to 3NF.

Q.3).What do you understand by SQL? Explain different types of SQL command like DML,DDL,DCL.

Q.4).Explain Primary key and foreign key with suitable example. What are the importance of these keys in database design.

Q.5).How ER diagram is useful in designing database?Explain features of ER diagram with example.

Q.6).What is data dictionary? Explain the features of data dictionary.

Q.7).What are database trigger? How they differ from database procedure?

Q.8).How table is created in database? Write syntax to create table for student(student\_id, name, course, address, d.o.b) and another table for course(course\_id, name, duration). Link the two table with foreign key. Also create primary key for each table.

Q.9).Write short note on any four:

a).Codd's rule.

b).View.

c).Select statement.

d).Denormalization.

e).database security.

f).Use of security.

**3<sup>rd</sup> sem.**

**(Networking)**

**Write any five question**

Q.1).Define computer n/w. Discuss design issue of LAN.

Q.2).Explain OSI model or TCP/IP. List five uses of computer n/w.

Q.3).With respect to WAN, distinguish between virtual circuit and datagram subnet.

Q.4).What do you understand by Network topology? Explain any four types of topology use in LAN with suitable diagram.

Q.5). Explain following terms with respect to n/w.

- a). Connectionless communication without acknowledgement.
- b). Connectionless communication with acknowledgement.
- c). Connection oriented service.

Q.6). Compare and contrast the following:

- a). HUB and Switches.
- b). Base Band and Broad Band communication.

Q.7). Explain the term ISDN and discuss its advantages. List any five application of ISDN.

Q.8). Describe the specification, characteristics and application of the following devices:

- a). Routers    b). Bridge    c). Repeaters    d). Switches.

Q.9). Write short notes on following:

- a). ATM.
- b). FDM & TDM.
- c). CSMA/CD
- d). Fibre optics.

**3<sup>RD</sup> Sem.**

**(Management)**

**Write any five question**

Q.1). Explain the fundamental function of management.

Q.2).Who are the propounders of the management process theory? Discuss their major ideas.

Q.3).Discuss the human relations approach to management. What are it's limitations?

Q.4).What is meant by hierarchical arrangement of objectives?

Q.5).Why should a company have policies?

Q.6).Discuss the classical theory of decision making.

Q.7).Discuss relationship between leadership and motivation.

Q.8).Discuss the role of sales forecasting in planning. What are it's various methods.

Q.9).Write short notes on any two of the following:

a).Long-range and short-range planning.

b).Functional and corporate planning.

c).Technological Planning.

d).Hierarchical management of plans.