

**TELANGANA UNIVERSITY**  
**S.S.R. DEGREE COLLEGE, NIZAMABAD (C.C:5029)**  
**I SEMESTER INTERNAL ASSESSMENT I EXAMINATIONS**  
**FUNDAMENTALS OF INFORMATION TECHNOLOGY QUESTION BANK**

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I. Choose the correct Answers.

1. The brain of the computer system [c]  
a. ALU                                      b. Memory                                      c. CPU                                      d. Control Unit
2. Computers are helpful in [d]  
a. Teaching                                      b. Learning                                      c. Business                                      d. All
3. The computer that process both analog and digital signal is called [b]  
a. Analog computer                                      b. Hybrid computer                                      c. Digital computer                                      d. Mainframe computer
4. A pointing device that can be directly used to draw lines on the screen is called [b]  
a. Trackball                                      b. Lightpen                                      c. Joy stock                                      d. Moose
5. Dot Matrix is a type of [b]  
a. Tape                                      b. Printer                                      c. Disk                                      d. Plotter
6. Storage in Floppy disk is? [b]  
a. Internal                                      b. External                                      c. Both                                      d. None
7. Which of the following disk is a fixed disk? [a]  
a. Hard disk                                      b. Flash disk                                      c. Blue-Ray disk                                      d. DVD
8. A byte consist of [c]  
a. 1 bit                                      b. 4 bits                                      c. 8 bits                                      d. 16 bits
9. The two kinds of main memory are [c]  
a. primary and secondary                                      b. random and sequential  
c. ROM and RAM                                      d. All
10. What do you get after processing of data? [a]  
a. Information                                      b. Input                                      c. Output                                      d. Data
11. Computer word size is a multiple of [a]  
a. 16 bits                                      b. 4 bits                                      c. 1024 bits                                      d. 10 bits
12. All of following are non-volatile memory except [d]  
a. ROM                                      b. PROM                                      c. Flash memory                                      d. RAM
13. Computer memory is measured in terms of [b]  
a. Bits                                      b. Bytes                                      c. Cells                                      d. Units
14. Which of the following are types of ROMs? [b]  
a. SROM & DROM                                      b. PROM & EPROM  
c. Only one type there is no further classification                                      d. PROM & EROM
15. A non-erasable disk that stores digitized audio information is [a]  
a. CD                                      b. CD-ROM                                      c. DVD-R                                      d. DVD-RW
16. RAM stands for [d]  
a. Random origin money                                      b. Random only memory                                      c. Read only memory                                      d. Random access memory
17. Which statement is valid? [a]  
a. 1KB = 1024 bytes                                      b. 1 MB =2048 bytes                                      c. 1 MB = 10000 kilobytes                                      d. 1 KB = 100 bytes
18. Magnetic disks are the most popular medium for [c]  
a. Direct access                                      b. Sequential access                                      c. Both                                      d. None of above
19. Select the smallest memory size [c]  
a. Terabyte                                      b. Gigabyte                                      c. Kilobyte                                      d. Megabyte
20. Which of the following is not a positional number system? [a]  
a. Roman Number System                                      b. Octal Number System  
c. Binary Number System                                      d. Hexadecimal Number System
21. Software is a set of [c]  
a. Instructions                                      b. Software                                      c. Programs                                      d. Bytes

22. The personal who deals with the computer and its management put together are called [d]  
 a. Software                      b. Hardware                      c. Firmware                      d. Human ware
23. Software is \_\_\_\_\_ component of the computer system [a]  
 a. intangible                      b. tangible                      c. physical                      d. virtual
24. Software can be purchased or obtained as [b]  
 a. shareware                      b. freeware                      c. liteware                      d. all of these
25. Software that comes with some application software or with system software is called as [a]  
 a. Utility software                      b. Application software                      c. System software                      d. Language translator
26. Which of the following is a hardware component? [d]  
 a. program                      b. virus                      c. antivirus                      d. printer
27. Computer professionals working in a computer centre are called [d]  
 a. Hardware                      b. Software                      c. Firmware                      d. Human ware
28. A DBMS provides users with the conceptual representation of [b]  
 a. Register                      b. Data                      c. Logical view                      d. Physical view
29. The overall description of a database is called \_\_\_\_\_ [d]  
 a. Data definition                      b. Data manipulation                      c. Data integrity                      d. Database schema
30. Column header is referring as [c]  
 a. Table                      b. Relation                      c. Attributes                      d. Domain

## II. Fill in the blanks

- Input refers to the data and instructions given to the computers
- A computer has no Intelligence of its own
- Charless Babbage is considered as the father of the computer
- The Laser printers used for DTP Application
- VDU is an output device
- Non-impact printers generates much less noise than input printers
- A machine that works itself without any human involvement is said to be an automatic machine
- Data is raw material used as input and Information is processed data obtained as output of data processing
- Input refers to the data and instructions even to the computer
- The heart of the computer is CPU
- RAM stores the data purly on Temporary
- ROM stands for Read only memory
- Primary storage is also called Internal memory
- The technique to represent and work with numbers is called Number system
- Smart card is an input device
- Optical mark reader is used to mainly recognize marks made by pencil or pen
- Scanner can be used to scan images, posters, magazine pages etc
- The devices used to take the output from the computer are known as output devices
- VDU is an output device
- In Non-impact printer, there is no direct contact between the print and paper

## III. Short Answers.

- What is multimedia keyboard?
- Define sound cards
- Write any two points about ALU?
- What is mean by positional number systems, Non-positional number systems?
- Any two difference between RAM & ROM?
- Define floppy disk
- Convert  $11101_2 = ?_{10}$
- Convert  $(550)_{10} = ?_2$
- What is primary storage & secondary storage?
- What is daisy wheel printer?