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3rd Sem / Branch : Computer Engg
Subject:- Computer Peripherals and Interfacing

Time : 3Hrs.   M.M. : 100

SECTION-A

Note: Multiple choice questions. All questions are compulsory (10x1=10)

Q.1 Information stored in RAM is considered volatile, which means   (CO2)
   a) Stored there permanently
   b) Not held permanently, only temporarily
   c) Stored when the electricity is off
   d) Stored permanently in the CPU device

Q.2 The device that enables the computer to read data from the external device is   (CO6)
   a) Printer   b) Joystick
   c) Display   d) Mouse

Q.3 The example of output device is   (CO1)
   a) CRT   b) Printer
   c) Plotter   d) All of the above

Q.4 USB stands for_____   (CO2)
   a) Uniform Serial Bus
   b) Uniform System Bus
   c) Universal Serial Bus
   d) Universal System Bus

Q.5 What is the full form of SCSI drive?   (CO6)
   a) Similar computer system interface
   b) Small computer system interconnector
   c) Similar convertor system interface
   d) Small computer system interface

Q.6 BIOS stands for   (CO2)
   a) Basic input off system
   b) Binary input output system
   c) Basic input output system
   d) None of the above

Q.7 This is logical division of HDD   (CO5)
   a) Partition   b) Directory
   c) File   d) Compaction

Q.8 Which of the following provide uninterrupted power to the computer systems   (CO7)
   a) SMPS   b) Regulator
   c) UPS   d) Rectifier

Q.9 Which term refers to the sharpness or clarity of an image   (CO1)
   a) Pitch   b) Pixel
   c) Resolution   d) Signal

Q.10 Which of these are scanner type   (CO6)
   a) Flat bed   b) Sheetfed
   c) Handheld   d) All of the above

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

Q.11 Expand the term IDE.   (CO6)

Q.12 Define the term Pixel. (CO1)

Q.13 Name two types of computer Mouse (CO4)

Q.14 The speed of a FDD is measured in_____ (CO5)

Q.15 The UPS can be of_____and_____ type (CO7)

Q.16 Give two examples of impact printers? (CO6)

Q.17 Name any two types of key switches. (CO4)

Q.18 Define the term cylinder related to the Hard Disk Drive. (CO5)

Q.19 Give the use of ROM (CO2)

Q.20 In a hard disk if there are ten platters, the number of read /write heads will be _____ (CO5)

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

Q.21 Differentiate between serial port and parallel port. (CO2)

Q.22 Write a short note on IDE and SCSE interface. (CO5)

Q.23 Explain the keyboard interface and its conncetors. (CO4)

Q.24 Differentiate between a UPS and CVT. (CO7)

Q.25 What are the relative advantages and disadvantages of raster scan and random scan display. (CO1)

Q.26 Discuss the construction and working principle of keyboard. (CO4)

Q.27 Define the following terms related to HDD (CO5)
a. Track
b. Cluster
c. Landing zone

d. Low level formatting

e. Partitioning

Q.28 Give the functions of a motherboard. (CO2)

Q.29 Explain working of colour CRT monitor. (CO1)

Q.30 Write a short note on various types of ports. (CO2)

Q.31 Explain scanner and its types. (CO6)

Q.32 Write a short note on (CO1)
a. Interfacing standards   b. Video display adapters

Q.33 Explain the working of a laser printer (CO6)

Q.34 Explain any two types of keyboard switches (CO4)

Q.35 Write a short note on Device Drivers. (CO8)

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

Q.36 Explain the construction and working principle of HDD (CO5)

Q.37 What are the different types of plotters. Explain the working principle of a plotter. (CO6)

Q.38 Write a short note on any two (CO1,3)
a. Interlaced vs Non interlaced monitor
b. IEEE488 standard
c. Various Components of a motherboard