Q.28 Why universal Serial Bus (USB) is popular.

Q.29 Write short note on touch screen and tablet.

Q.30 Differentiate between serial port and parallel port.

Q.31 What are device drivers. Why do we need device drivers.

Q.32 What is the use of mouse and explain its working

Q.33 Define :
   a) Track
   b) Sector
   c) seek time

Q.34 Explain in brief working of scanner.

Q.35 Differentiate between handheld scanner and sheetfed scanner.

SECTION-D

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

Q.36 Explain in detail:-
   a) Interfacing of mouse with computer
   b) Interfacing standards

Q.37 Explain CRT color monitor with the help of block diagram

Q.38 Explain the working operation of Inkjet printer in detail.

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Time : 3Hrs.　　　　　　　　　M.M. : 100

SECTION-A

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

Q.1 Which of the following groups are only input devices ?
   a) Mouse, keyboard, monitor, Joystick
   b) Mouse, keyboard, printer, Light pen
   c) Mouse, keyboard, Scanner, Joystick, Light pen
   d) None

Q.2 User communicates with a computer with the help of which devices?
   a) Input device　　b) Output device
   c) Software device　　d) Both a and b

Q.3 Which device allows you to enter data and instructions into a computer?
   a) Input device　　b) Output device
   c) ALU　　　　　　d) CPU

Q.4 Which of the following units are used to count the speed of the printer?
   a) CPM　　　　　b) PPM
   c) LPM　　　　　d) All of the above

Q.5 The output quality of a printer is measured in
a) dots per sq b) dots per inch
c) dots printer per inch d) All of these

Q.6 How many bits of data can be transferred by parallel port?
a) 2 b) 4
c) 8 d) 16

Q.7 The full form of USB port is
a) United Serial Bus
b) Universal Serial By-pass
c) Universal System Bus
d) Universal Serial Bus

Q.8 Aspect Ratio can be defined as-
a) The ratio of the vertical points to horizontal points
b) of pixels
c) Both (a) & (b)
d) None of the above

Q.9 What is motherboard ?
a) Scanner and other things are part of motherboard
b) keyboard otherwise known as motherboard
c) A circuit board which connects all the elements
d) It is a type of file server

Q.10 What are Random scan and Raster scan techniques?
a) Techniques to display an image on the screen
b) Line Drawing Techniques
c) Polygon Drawing Techniques
d) None of the above

SECTION-B

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

Q.11 Scanner is_____ device (input/output).

Q.12 Differentiate between low level formatting and high level formatting.

Q.13 ROM is _____(Volatile/non volatile)

Q.14 Define vertical scanning frequency.

Q.15 MBR stands for_____.

Q.16 Define interleaving

Q.17 Define a pixel

Q.18 Full form of USB_____.

Q.19 Write down the full form of FAT

Q.20 Define SATA.

SECTION-C

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

Q.21 How information is retrieved from Floopy Disk.

Q.22 Differentiate the features of computer monitor and television.

Q.23 Write a short note on various components of motherboard

Q.24 Explain the term formatting and partitioning in context of HDD.

Q.25 Discuss briefly any two types of key switches.

Q.26 Discuss briefly HDD and its interfaces.

Q.27 Compare Inkjet and Laserjet printers.