

### Important Questions:

- List the categories of computers and explain any two.
- Explain port and connectors.
  
- Explain data representation.
- Explain mobile device.
- Explain Computer Software
- Explain types of memory
- Explain types of messaging of smart phone.
- Explain non-impact printer.
- Explain CRT monitor.
- Explain RFID and barcode.
- Explain magnetic disc
- Explain the file sorting and merging.
  
- List the Input device and explain any two.
- List the Output device and explain any two.
- List the storage device and explain any two.
- Explain the types of file organization.
- Explain types of file.
- Explain Octal and Hexadecimal system
- Explain 4-bit BCD and 8-bit BCD.

Explain binary system and decimal system.

1.  $(1100101)_2 = (\text{_____})_{10}$
2.  $(952.321)_{10} = (\text{_____})_8$
3.  $(11000110111)_2 = (\text{_____})_8$
4.  $(543)_{10} = (\text{_____})_2$
5.  $(367)_8 = (\text{_____})_2$

**Explain the following.**

- Neural network
- Access Time
- Resolution
- Refresh rate
- Backup
- Unicode
- $(952)_{10} = (\text{_____})_8$
- EBCDIC
- Stylus
- OCR