

- Que : 1. [A]. What is computer? Explain Characteristics and applications of computer. 07
 [B]. Explain following terms: 07
 [1]. Control Panel
 [2]. Windows Explorer.
- OR
- Que : 1. [A]. Write a note on : Classification of computer system. 07
 [B]. Explain generation of computer in detail. 07
- Que : 2. [A]. What is input device? List out mouse? Explain different types of mouse. 07
 [B]. What is Scanner? Write a detailed note on scanner. 07
- OR
- Que : 2. [A]. What is printer? List out types of printer. Explain any two in detail. 07
 [B]. What is port used in computer? Explain USB and SCSI port in detail. 07
- Que : 3. [A]. Explain following character codes. 07
 a. ASCII
 b. EBCDIC
 c. UNICODE
 [B]. Explain binary addition and subtraction with example. 07
- OR
- Que : 3. [A]. Do as directed. 07
 [1]. $(2389)_{10} = (?)_2$
 [2]. $(DFB3.12A)_{16} = (?)_{10}$
 [3]. 2's complement of 1110111101
 [4]. $(1001000010.10010)_2 = (?)_8$
 [B]. Do as directed. 07
 [1]. $(1011101)_2 * (101.100)_2$
 [2]. $(-89)_{10} = (?)_2$
 [3]. 1's complement of 1101111101
 [4]. $(100000101)_2 - (011111.101)_2$
- Que : 4. [A]. What is flash memory? Explain memory stick in detail. 07
 [B]. Which storage devices are available in computer system? Give detail of hard disk. 07
- OR
- Que : 4. [A]. Describe in detail : CDs and DVD. 07
 [B]. Differentiate : 07
 (a) Flash drive and Pen drive
 (b) Hard disk and CD.
 (c) CD and DVD.
- Que : 5. [A]. Write a detailed note on : Computer organization. 07
 [B]. What is Cache memory? What are the functions of cache memory? Explain its different types. 07
- OR
- Que : 5. [A]. What is Bus? Explain mechanism of Asynchronous in detail. 07
 [B]. What is primary Memory? Explain different types of primary memory in brief. 07