

AC-1253

BBA – I Sem. Examination, Dec.-2021

Course : 104

**Paper : Fundamentals of Computers & Information
Technology**

(Main & Re-Exam.)

Time : 1½ Hours]

[Max. Marks : 70

[Min. Marks : 28

Note : There will be **ten** questions. Attempt any **three** questions.

1. (a) Explain the different Generations of Computers.
(b) Explain the Basic Structure of Computer System with the help of a Block diagram.
2. (a) What are the different I/O Devices in Computer System? List them.
(b) Explain the working of the follower
 - (i) OMR
 - (ii) MOUSE
 - (iii) MICR
3. (a) Explain the difference between the following :
 - (i) RAM and ROM
 - (ii) EPROM and EEPROM
(b) What are the different storage Devices used in Computer System? Explain any two out of them.
4. (a) Differentiate between Hardware and Software. What are the different types of Softwares? Explain.
(b) Explain Hexadecimal No. System.

P.T.O.

5. (a) Perform the following Conversions.
- (i) $(177)_8 = (?)_{10}$
 - (ii) $(IAF)_{16} = (?)_2$
 - (iii) $(11011110)_2 = (?)_{10}$
 - (iv) $(100)_8 = (?)_{16}$
- (b) Explain the following :
- (i) BCD
 - (ii) ASCII
6. (a) What are the different modes of Communications? Explain Modem.
- (b) Difference between Simplex and Half Duplex.
7. (a) What is Network? What are different Topologies of Networks?
- (b) Differentiate between MAN and WAN with suitable example.
8. (a) What is Internet? How it works? Explain.
- (b) Explain the following :
- (i) WWW
 - (ii) Search Engine
 - (iii) URL
9. (a) Explain the following :
- (i) E-mail
 - (ii) Web browser
 - (iii) Chatting
- (b) Differentiate between Virus and Worms.
10. (a) Why is office Automation Needed? Is MR-WORD a word processor software? Discuss.
- (b) Explain the features of the following :
- (i) MS-Excel
 - (ii) MS-Power point.