



BRAINWARE UNIVERSITY

Course – BBA

Introduction to Computer Application (BBA104 / BBAC104)

(Semester – 1)

Time allotted: 3 Hours

Full Marks : 70

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group –A

(Multiple Choice Type Questions)

10 x 1 = 10

1. *Choose the correct alternative from the following*
 - (i) Which one is a volatile memory?
 - a. Hard disk
 - b. USB disk
 - c. RAM
 - d. ROM
 - (ii) We can highlight the duplicate data in
 - a. Word
 - b. DOS
 - c. Power-point
 - d. Excel
 - (iii) To write a formula in Microsoft Excel we require
 - a.+
 - b.-
 - c.=
 - d.*
 - (iv) How to create a directory using DOS Command?
 - a.mkdir
 - b.cd
 - c.dir
 - d.copy
 - (v) How to view the file and directory listing in DOS?
 - a.mkdir
 - b.cd
 - c.dir
 - d.copy
 - (vi) What is the base of a binary number?
 - a.10
 - b.2
 - c.8
 - d.16

- (vii) RAM stands for...
- | | |
|--------------------------|-------------------------|
| a. Read Access Machine | b. Read Access Memory |
| c. Random Access Machine | d. Random Access Memory |
- (viii) 1's Complement of 010 is
- | | |
|--------|--------|
| a. 010 | b. 101 |
| c. 00 | d. 111 |
- (ix) 2's Complement of 11 is
- | | |
|-------|-------|
| a. 11 | b. 00 |
| c. 01 | d. 10 |
- (x) Browser is a/an
- | | |
|---------------------|-------------------------|
| a. Operating System | b. Application Software |
| c. System Software | d. Anti-virus |

Group – B

(Short Answer Type Questions)

3 x 5 = 15

Answer any *three* from the following

- | | |
|---|-----|
| 2. Describe the basic anatomy of a computer. | [5] |
| 3. What do you mean by input and output device? | [5] |
| 4. Explain the difference between application software and system software. | [5] |
| 5. Why binary number system is acceptable for computer system? | [5] |
| 6. What is the functionality of operating system? | [5] |

Group – C

(Long Answer Type Questions)

3 x 15 = 45

Answer any *three* from the following

- | | |
|--|-----|
| 7. (a) Add the octal numbers : (35+45+42+26+31) | [5] |
| (b) Add the hexadecimal numbers : (9A+6A+EA+FF) | [5] |
| (c) Add the binary numbers : (1010+1101+1011+1100) | [5] |

8. (a) Convert $(1010110)_2 = (?)_{10}$ [3]
(b) Convert $(122)_{10} = (?)_2$ [3]
(c) Convert $(52)_8 = (?)_{10}$ [3]
(d) Convert $(421)_{10} = (?)_8$ [3]
(e) Convert $(BDA)_{16} = (?)_{10}$ [3]
9. (a) Explain different generations of computer. [8]
(b) What is Super computer? Explain briefly. [3]
(c) Difference between minicomputer and mainframe computer. [4]
10. (a) What do you mean by DOS? [3]
(b) Explain the features of Windows. [6]
(c) Write the DOS command to create a file. [3]
(d) Explain DOS v/s Windows. [3]
11. Write Short Notes on (Any three) [3 X5]
(a) Number conversion
(b) ALU and Control Unit
(c) Binary to Decimal conversion
(d) Decimal to Binary conversion