

PARUL UNIVERSITY
FACULTY OF IT & COMPUTER SCIENCE
BCA/IMCA Summer 2018 -19 Examination

Semester: 1**Subject Code: 05101101/05301101****Subject Name: Fundamentals of Computer & PC Software****Date: 29/04/2019****Time: 02:00 pm to 04:30 pm****Total Marks: 60****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

Q.1 Answer the followings.**A. Write short notes.****(05)**

1. What is Computer?
2. Write the full form of EEROM, ASCII.
3. Convert Hexadecimal code 8B16 to Binary.
4. Which storage media is sequentially accessed and processed ?
5. List out network topologies.

B. Multiple choice type questions/ Give the sentence true or false. (Each of 01 marks)**(10)**

1. What is an extension of file in Microsoft word 2003?
(A) docx (B) doc (C) .Txt (D) .Word
2. Which electronic component is used in Second Generation Computers?
(A) Transistor (B) VacumeTube (C) Integrated Circuit (D) Microprocessor
3. Convert the following binary number $(01011)_2$ to decimal.
(A) 11 (B) 35 (C) 15 (D) 10
4. MS office is application software. [true/false]
5. Reflected Binary Code is also known as
(A) BCD code (B) Binary code (C) ASCII code (D) Gray Code
6. Full adder forms sum Of.
(A) 2 bits (B) 3 bits
(C) 4 bits (D) 5 bits
7. Which of the Following is internal memory?
(A) Disks (B) Pen Drive
(C) RAM (D) CDs
8. Formula in excel start with _____
(A) + (B) -
(C) = (D) %
9. What Feature will you use to apply motion effects in between a slide exits and another enters?
(A) Slide Transition
(B) Slide Design
(C) Animation Objects
(D) Animation Scheme
10. Impact printer produce printed output as pattern generated by laser beam ?[True/False]

Q.2 Answer the followings. (3 Mark Questions.) (Any Five.)**(15)**

1. List and Explain characteristics of Computer.
2. Explain different Types of Networks LAN, MAN and WAN.
3. Explain SR Flip Flop.
4. Draw Diagram of NAND gate as Universal Gate.
5. Find Binary Addition Of $11010+01100$.
6. Write a short note on Chain Printer.

Q.3 Answer the following. (Any three)

(15)

1. Write differences between RAM and ROM.
2. Explain any five output devices.
3. Write differences between impact printer and non-impact Printer.
4. Write a short note on Storage options in computers.

Q.4 Answer the following.

(05)

A. Write a short note on Multiplexer and De-Multiplexer.

B. Explain Following terms.

(10)

1. Browser
2. Network
3. Data Processing
4. Software
5. Computer

OR

B. Explain the advantages Of Spreadsheet.

(10)