

**B.C.A. SEM-I (CBCS 2018 Course) : SUMMER - 2019**

**SUBJECT: FUNDAMENTALS OF INFORMATION TECHNOLOGY**

Day: Monday  
Date: 15/04/2019

**S-2019-2048**

Time: 02.00 PM TO 05.00 PM  
Max. Marks: 60

**N.B.:**

- 1) Q. 4 from section I is COMPULSORY.
- 2) Solve ANY TWO from Q. 1 to Q. 3 in Section I.
- 3) Solve ANY TWO from Q. 5 to Q. 7 in Section II.
- 4) All questions CARRY EQUAL marks.
- 5) Answer to Both sections to be written in **SAME** answer book.

**SECTION - I**

Q.1) Answer the following: (6 Marks X 2 = 12)

- a) Explain detail features of first generation and second generations of computers
- b) What is positional numbers system? Explain in detail hexadecimal and decimal number system.

Q.2) Answer the following: (6 Marks X 2 = 12)

- a) What is inputting? Explain in detail pointing devices and scanner as a input devices
- b) Explain with example various secondary storage devices

Q.3) Answer the following: (12 Marks X 1 = 12)

What is operating system? Explain in detail functions of operating system

Q.4) Write short notes on the following: Attempt ANY TWO (6 Marks X 2 = 12)

- a) Use of computer in medical and health
- b) Compiler
- c) WAN

**SECTION - II**

Q.5) Answer the following: (12 Marks X 1 = 12)

Convert the following

- 1)  $(1000)_2 = (?)_{10}$
- 2)  $(10B0)_{16} = (?)_{10}$
- 3)  $(444)_8 = (?)_{10}$
- 4)  $(48)_{10} = (?)_2$

Q.6) Answer the following: (12 Marks X 1 = 12)

Explain in detail various features of Ms word along with process of mail merge

Q.7) Answer the following: (12 Marks X 1 = 12)

Write an algorithm and draw flowchart for accept numbers from console and show multiplication table of that number.

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