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SECOND PERIODICAL ASSESSMENT   SEPTEMBER 2020
Grade: VII   **Subject: COMPUTER SCIENCE**   **Mark: 20**

(Use COMPUTER SCIENCE H W Note Book to ANSWER)

I) Fill in the blanks: 1x4=4

1) The data representation in computers include symbols called _____.

2) In octal number system there are _____ numbers and hence the base

   of this system is 8.

3) _____ uses two symbols to form numbers and hence the base of this number system is 2.

4) The multiplication of binary numbers is same as _____.

II) Choose the correct answer: 1x4=4

1) The concept of zero was introduced by
   a) Aryabhat   b) Samuels   c) Bill Gates   d) Ada Lovelace

2) We use this number system in computers.
   a) Decimal Number System   b) Octal Number System
   c) Binary Number System   d) Hexadecimal Number System

3) There are _____ digits in binary number system.
   a) 1   b) 10   c) 2   d) 16

4) A computer understands only _____ instructions.
   a) English   b) Spanish   c) Hindi   d) Binary

III) Answer the following questions: 1x5=5

1) How is data represented within the computer?
2) What is the base number of Decimal number and Octal number system?
3) What are digits?
4) What is number system?
5) Which of the number system consists 16 digits?

IV) Answer the following in TWO or THREE sentences: 2x2=4

1) What are the different types of number system?
2) What do you understand by binary number system and why is it used in computers?

V) Give TWO examples for the following: 1x3=3

1) Graphics packages   :   _____   _____.
2) Binary digits   :   _____   _____.
3) Web design package   :   _____   _____.

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