



Class:VII

Chapter- 1- NAMBER SYSTEM

Subject:Computer

Q.1 Answer the following questions:

1	Who was Aryabhat ?

2	What do your understand by Base or Radix of a Number System ?

3	What is Hexadecimal number system ?

Q.2 Fill in the blanks :

1. We use _____ number system.
2. _____ introduced the concept of 0 (zero)
3. The _____ value of a digit can be identified by the position of the digit.
4. The result of a binary multiplication ($a*b$) is 1 only if both digits are equal to _____

Q.3 State True of False.

1	2 raised to the power 0 multiplied by 1 equals to 1.	
2	Hexadecimal number system uses the digits - 0 to 15.	
3	We cannot perform arithmetical operation on binary numbers	
4	You can convert binary number into decimal number.	



Q.4 Multiple Choice Question.

1	The binary number 11001 is equivalent to decimal number			
	16	25	17	18

2	Which number system has 8 as its base?			
	Hexadecimal	Octal	Binary	None

3	What is the base of Hexadecimal number system?			
	15	14	17	16

4	Which number is used to convert a decimal number into a binary number?			
	3	4	11	2

Q.5 Convert the following decimal numbers to binary numbers.

a. 69	b. 927
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Q.6 Convert the following binary numbers to decimal number.

a. 11101	b. 10101
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Let noble thoughts come to us from
every side-Rigveda, 1-89-i