Class VII Chapter 1 Number System

A. Tick the correct Answer.

1. Binary language
2. Radix
3. 2
4. Binary
5. 16

B. True/ false

1. False
2. true
3. true
4. false
5. true

C. Match it

1. ii
2. v
3. i
4. iii
5. iv

D. Fill in the blanks

1. eight
2. binary equivalent
3. F
4. Left, right
5. BITS

E. Very short type question

1. Decimal
2. Hexadecimal
3. Binary
4. Octal

F. Short answer type question

1. The number of unique digits used in a number system is known as its Base or Radix. For example in decimal number system (0,1,2,3,4,5,6,7,8,9) there are 10 unique digits so the base or radix or 10.
2. The different types of number systems are
   1. Binary Number System: In this there are two unique symbol (o and 1) so the base is 2.
   2. Octal Number System: in this there are 8 unique digits(0,1,2,3,4,5,6,7) so the base is 8.
   3. Decimal Number System: In this there are 10 unique symbol (0,1,2,3,4,5,6,7,8,9) so the base is 10
   4. Hexa Decimal number system:- in this there are 16 unique symbol (0,1,2,3,4,5,6,7,8,9,A,B,C,D,E,F) so the base is 16.
3. What are the output of the following:

