

CLASS TEST 01

Total Marks: 20

Time : 30+15 = 45mins

- 1) Suppose you have a computer whose **bit size** is 16-bit. How do you explain this **bit size** concept with the computer you have? Provide an example scenario.
- 2) Consider, A=1 B=2 C=3 X=24 Y=25 Z=26. Make a number with the letters' individual values arranged side by side as in your home district's letters. For instance, my home district is PORTO. So the number formed is 16 15 18 20 15= (1615182015)₁₀.

After you have formed your number, convert that decimal number into **Binary, Octal and Hexadecimal**.