**Number System**

Question 1: What is the binary equivalent of the decimal number (368)10

A.101110000

B. 110110000

C.111010000

D.111100000

Question 2: The decimal equivalent of hex number 1A53 is

1\*16^3+10\*16^2+5\*16^1+3\*16^0

A. 6793

B. 6739

C. 6973

D. 6379

Question 3: (734)8 = (???)16

0001 1101 1100

1DC

A. C 1 D

B. D C 1

C. 1 C D

D.1 D C

Question 4: The decimal equivalent of Binary number 11010 is

A. 26

B. 36

C. 16

D. 23

Question 5: The number 140 in octal is equivalent to

1\*8^2+4\*8^1+0\*8^0

A. (96)10

B.(86)10

C.(90)10

D. none of these

Question 6: Convert decimal 153 to octal.  Equivalent in octal will be

A.(431)8

B. (331)8

C. (231)8

D.none of these

Question 7: The binary equivalent of (FA)16 is

A. 1010 1111

B. 1111 1010

C. 10110011

D. none of these