MAYUR PUBLIC SCHOOL
I.T CLASS – VII, Session (2023-24)

CHAPTER:1- NUMBER SYSTEM

Q1. Which of the following is the binary equivalent of the decimal number- $(76)_{10}$

a) $(1110001)_2$ b) $(1001100)_2$ c) $(0110011)_2$

Q2. Which of the following is the binary equivalent of the decimal number- $(125)_{10}$

a) $(1111101)_2$ b) $(11111100)_2$ c) $(1110011)_2$

Q3. Which of the following is the binary equivalent of the decimal number- $(408)_{10}$

a) $(1111101)_2$ b) $(110011000)_2$ c) $(1110011)_2$

Q4. Which of the following is the decimal equivalent of the binary number- $(1110011)_2$

a) $(116)_{10}$ b) $(141)_{10}$ c) $(115)_{10}$

Q5. Which of the following is the decimal equivalent of the binary number- $(11001101)_2$

a) $(205)_{10}$ b) $(209)_{10}$ c) $(206)_{10}$

Q6. Which of the following is the octal equivalent of the decimal number- $(446)_{10}$

a) $(677)_8$ b) $(698)_8$ c) $(676)_8$

Q7. Which of the following is the octal equivalent of the decimal number- $(204)_{10}$

a) $(319)_8$ b) $(314)_8$ c) $(315)_8$

Q8. Which of the following is the hexadecimal equivalent of the decimal number-$(9004)_{10}$

a) $(235A)_{16}$ b) $(234F)_{16}$ c) $(232C)_{16}$

Q9. Which of the following is the decimal equivalent of the hexadecimal number- $(52)_{16}$

a) $(192)_{10}$ b) $(82)_{10}$ c) $(87)_{10}$

Q10. Which of the following is the decimal equivalent of the hexadecimal number- $(5B1)_{16}$

a) $(1445)_{10}$ b) $(1457)_{10}$ c) $(1386)_{10}$

LIVEWORKSHEETS