

Grade 10
ICT Evaluation Worksheet

Lesson: 03.2. Converting Decimal Number System to Binary & Octal Number Systems.

Name:

(Time: 07 Minutes)

- Select the correct answer and click on it.

1. Which of the following is the binary equivalent of decimal 29_{10} ?

- (i) 10000_2 (ii) 10101_2 (iii) 11101_2 (iv) 11111_2

2. Which of the following is the octal equivalent of decimal 156_{10} ?

- (i) 121_8 (ii) 234_8 (iii) 574_8 (iv) 770_8

3. Which of the following is the octal equivalent of decimal 50 ?

- (i) 62_8 (ii) 72_8 (iii) 82_8 (iv) 92_8

4. Which of the following is the decimal equivalent of decimal 50 ?

- (i) 110000_2 (ii) 110010_2 (iii) 110110_2 (iv) 111010_2

5. Which of the following is the decimal equivalent of decimal 612_{10} ?

- (i) 1101100101 (ii) 1001100100 (iii) 1101100101 (iv) 1001100100_2