Title: **Decimal to Binary Conversion** Worksheet: 2

Course: Introduction to Automation Unit: Introduction to PLC CLO: 4

Name ANSWER KEY Grade 10pts. Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Objectives**

1. Student shall calculate a binary number given its equivalent value in decimal form.

**Assessment**

Students shall demonstrate a comprehension of the objectives listed above by scoring a minimum of 75% on this Worksheet. Grading shall be based on the answer key.

**Instructions**

Convert the following decimal numbers to their binary equivalents.

1. 3710 0010 01012
2. 1210 0000 11002
3. 5410 0011 01102
4. 310 0000 00112
5. 12610 0111 11102
6. 1610 0001 00002
7. 8710 0101 01112
8. 1010 0000 10102
9. 10110 0110 01012
10. 21110 1101 00112

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