**Introduction to Computer Science**

**23.2 Faculty of Computing**

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**Tutorial Session 04**

**Answer all questions.**

01. Explain what is meant by Octal number system.

02. Convert following decimal numbers to its’ Octal equivalent.

a. 67

b. 89

c. 456

03. Convert following octal numbers its’ decimal equivalent.

a. 578

b. 1038

c. 1538

04. Directly convert following octal numbers to its’ binary equivalent.

a. 578

b. 5418

c. 2348

d. 3678

05. Directly convert following binary numbers to its’ octal equivalent.

a. 11 010 0112

b. 11 111 001 1102

c. 101 011 101 110 101 1002

d. 10111110111110111012