**Introduction to Computer Science**

**22.2 Faculty of Computing**



**Tutorial**

**Answer all questions.**

Convert the following binary numbers to their decimal equivalents:

a. 001100

b. 000011

c. 011100

d. 111100

e. 101010

Convert the following decimal numbers to their binary equivalents:

a. 64

b. 100

c. 111

d. 145

e. 255

Convert the following hexadecimal numbers to their decimal equivalents:

a. C

b. 9F

c. D52

d. 67E

e. ABCD

Convert the following decimal numbers to their hexadecimal equivalents:

a. 16

b. 80

c. 2560

d. 3000

e. 62,500