**Computer Fundamentals**

**Exercise Booklet**

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**Questions**

**Exercise 1**

Represent the following binary to decimal.

a) 11102

b) 01102

c) 1011 01012

d) 1010 10102

**Exercise 2**

Convert the following binary numbers to denary.

a) 10102

b) 1000 00002

c) 1100 01102

d) 1000 0000 0000 00012

e) 1111 0000 1111 00002

**Exercise 3**

Convert the following denary numbers to 4 bit binary

a) 710

b) 310

c) 910

d) 1110

**Exercise 4**

Convert the following denary numbers to 8 bit binary

a) 2510

b) 1110

c) 10010

d) 12010

e) 15510

f) 23010

**Exercise 5**

Convert the following denary numbers to 16 bit binary

a) 2510

b) 12710

c) 25510

d) 100010

**Exercise 6**

Convert the following denary numbers to base 2.

a) 23410

b) 3410

c) 25510

d) 12610

e) 250010