**Computer Fundamentals**

**Exercise Booklet**

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**Questions**

**Exercise 7**

**Represent the following hexadecimal numbers to decimal.**

**a) F16**

**b) A016**

**c) A916**

**d) 1216**

**e) F116**

**f) 29BC16**

**g) FFFF16**

**Exercise 8**

**Convert the following hexadecimal numbers to denary**

**a) 0F16**

**b) A016**

**c) DF16**

**d) 7F16**

**e) FF16**

**f) 2F16**

**g) 7FF16**

**h) FFF16**

**j) 1B0A16**

**k) 27F116**

**l) 7FFF16**

**Exercise 9**

**Convert the following hexadecimal values from base 16 to an integer.**

**a) FA116**

**b) 11016**

**c) FEFE16**

**d) CB116**

**Exercise 10**

**Convert the following integers to base 16 using a suitable method.**

**a) 116410**

**b) 3410**

**c) 25510**

**d) 12610**

**Exercise 11**

**Represent the following to hexadecimal representation.**

**a) 54810**

**b) 100110**

**c) 1010**

**Exercise 12**

**Write down the binary equivalents of the following hexadecimal numbers**

**a) F**

**b) A0**

**c) A9**

**d) 12**

**e) F1**

**f) 29BC**

**g) FFFF**

**Exercise 13**

**Write down the hexadecimal numbers corresponding to the following binary numbers**

**a) 1101**

**b) 1110 1110**

**c) 1111 1111**

**d) 1011 0000 1111 0010**

**Exercise 14**

**Convert the following denary numbers to base 16.**

**a) 23410**

**b) 3410**

**c) 25510**

**d) 12610**