# Microprocessor exam paper 2015/2016

# Question 1

1. i) DEAD BEEF

ii) F00D

1. -32,766 – 3 = 32,765

This is wrong as a 16 Bit variable can only hold as far as -32,767 to 32,766. If it were to pass further in any direction, it would loop back around in the other direction.

1. 9600 / 10 = 960

1024 / 960 = 1.0667

1. 0111 1000
2. 0 to 65 535
3. -128 to 127