1. Calculate $A + B$ and $A - B$ for the binary numbers, $A = 1011010$ and $B = 101111$ **(3 marks)**

2. Calculate $A \times B$ and $A \div B$ for the binary numbers, $A = 10101$ and $B = 1011$ **(4 marks)**

3. Convert the octal number, $A = 177777$ to hexadecimal **(3 marks)**

4. Briefly describe the status codes: $200, 400, 404, 500$ **(2 marks)**

5. What is the difference between $P2P$ services and other internet services? Which one is faster? Why? **(3 marks)**