

7. Use Hamming Codes and EVEN parity to create a bit pattern to transmit the values:

a. 1001

Position	1	2	3	4	5	6	7
Bit							

b. 1011

Position	1	2	3	4	5	6	7
Bit							

8. Use Hamming Codes and ODD parity to say whether the following transmissions are correct. If they are not, calculate the correct bit pattern:

a.

Position	1	2	3	4	5	6	7
Bit	1	1	0	0	1	1	1

b.

Position	1	2	3	4	5	6	7
Bit	1	1	1	0	1	0	1

9. Convert the following to binary codes –hence name the type of encoding used.

