***Question 1: Pen and Paper (a) and (b)***

Text, letter

Description automatically generated

Question 2: Outputs

Model 1: (10 neurons for the 1st,2nd layers and 2 neurons for output)

Chart, line chart

Description automatically generated

Accuracy: 0.6970

Model 2: (100 neurons for the 1st,2nd layers and 2 neurons for output)

Chart, line chart

Description automatically generated

Accuracy: 0.8864

Chart, line chart

Description automatically generated