Q 1 (6 marks):

Determine the reactions at the roller A and pin B.

Solution:
Q 2 (8 marks):

Using the method of joints, determine the force in each member of the truss. State if the members are in tension or compression.

Note: (A – pin, C – roller)

Solution:
Q 3 (6 marks):

Determine the reactions at the pin A and roller B.

Solution: