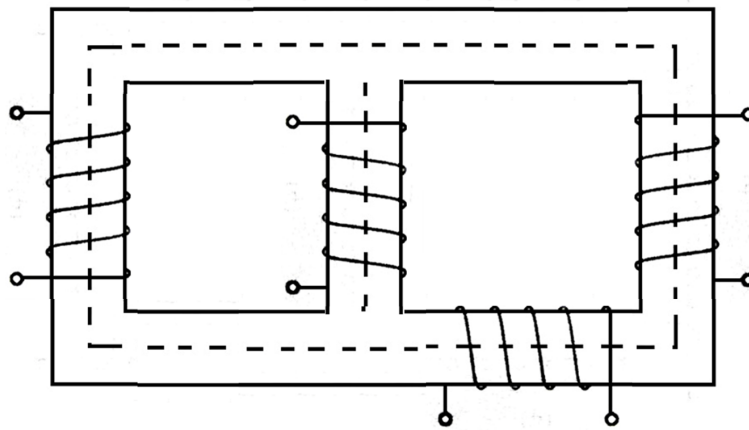**Name:** _____

Campus ID: _____

Total Marks: 10
Time Duration: 20 minutes

Question 1 (5 marks)

The figure below show windings marked on a magnetic flux-conducting core. Mark the dots on the windings to establish the mutual coupling. As there are four windings, you will need six different types of dots.

Question 2 (5 marks)

Formulate the network equations for the following circuit using the Kirchhoff's voltage law.