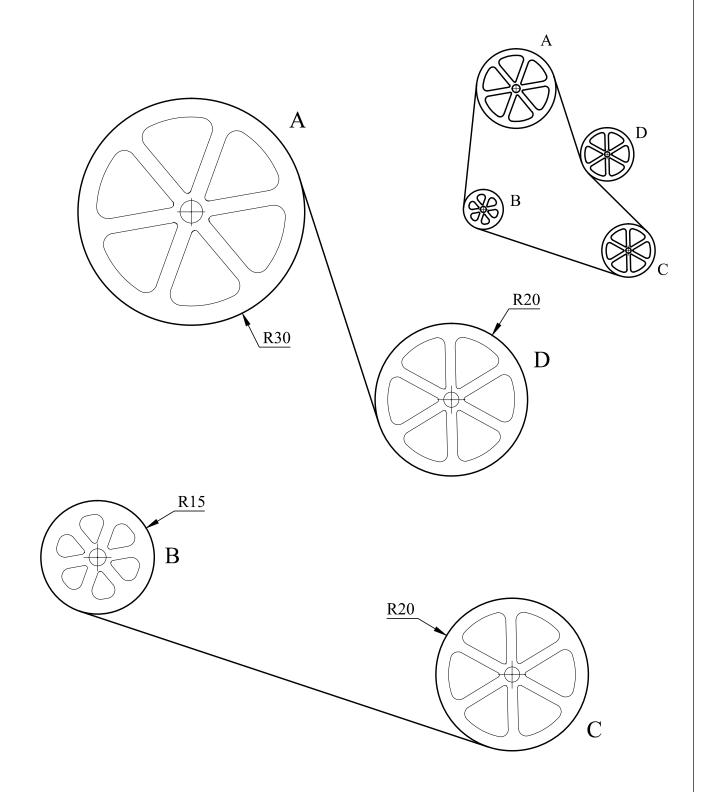


GRAPHICAL COMMUNICATION

QUESTION No. 6

A number of pulleys are driven by a belt as shown. Two parts of the belt shown below are missing. The part of the belt between pulleys A and B forms a common (external) tangent between two unequal circles. The part between C and D forms a transverse (internal) tangent between two equal circles. Complete the drawing below by constructing the two tangents.

14 marks



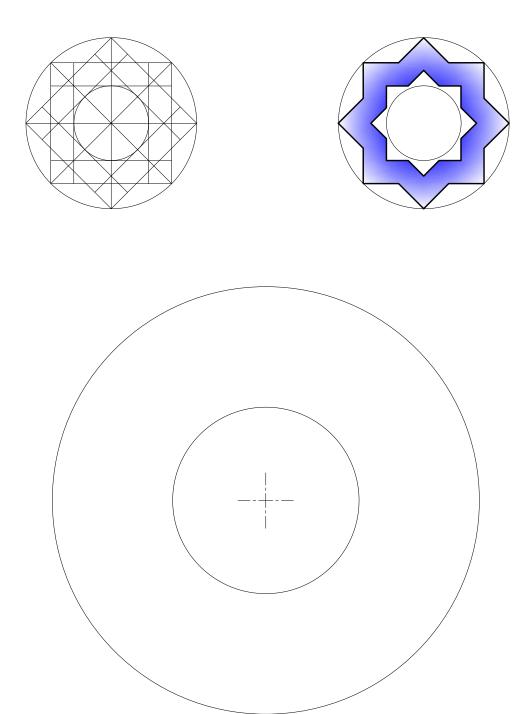
QUESTION No. 7

Using the two circles given at the bottom, draw the eight-pointed star based on the construction shown below.

Colour or shade your drawing.

All construction lines must be left shown.

12 marks



Sheet 4 of 4

Track 3 FORM 3 (1st Year) 2012 GRAPHICAL COMMUNICATION

Educational Assessment Unit

Name:

Class: