



$OAC$  is a sector of a circle, centre  $O$ , radius 10 m.

$BA$  is the tangent to the circle at point  $A$ .

$BC$  is the tangent to the circle at point  $C$ .

Angle  $AOC = 120^\circ$

Calculate the area of the shaded region.

Give your answer correct to 3 significant figures.

.....m<sup>2</sup>

(Total for Question 20 is 5 marks)

