

b)i) 1= 0xr 9=0x5

% = 8

1-8 × 180

1-8 radians

160

ii) LOPT = & LOQT given

OT is common

PO = OQ (radd) of circle =)

: DOPT = DOQT (RHS)

PT = U

PT a2+62-26a 608 3000 103

50 - 50 (08 1083

PT = 7-8 cm

iv) \$ a5 sin 90

A = 39-1 cm2 - 22-5

A of shaded 16.6 cm?

Additional writing space on back page.

IN A A of POQITY 12 ES	
(1/2 × 1.8 × 25	
- 275	
4	