

Question 10

(9, i),  $0 < \theta \leq \frac{\pi}{2}$ 

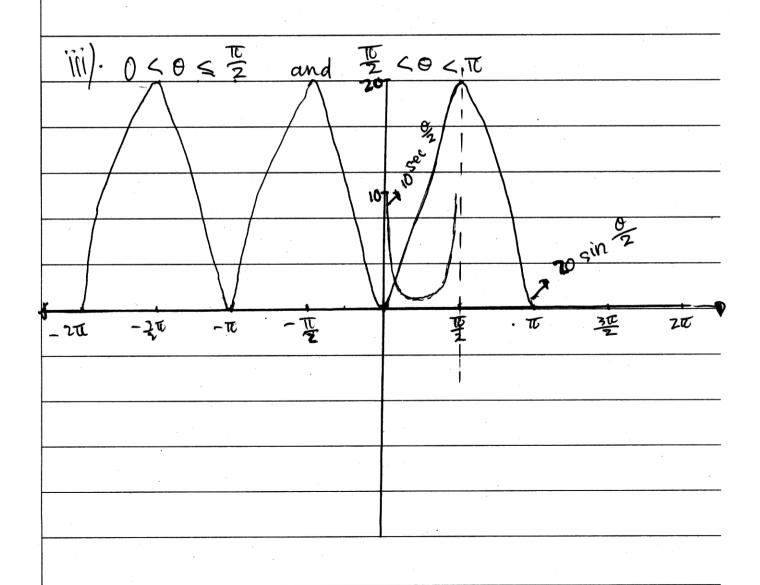
r \$5 half of the plate 50:

 $\pi = 10 \text{ Sec } \frac{0}{2}$ 

三, 是 < 0 < 瓦

T is diagonal lines through the plat so 1

 $\therefore t = 20 \sin \frac{\theta}{2}$ 





(b). i).		
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