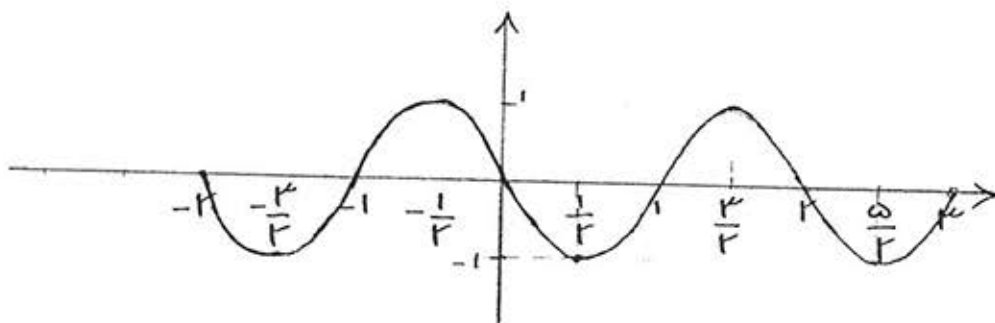


$$6 \quad y = \sin(\pi(x+1))$$

جواب 6

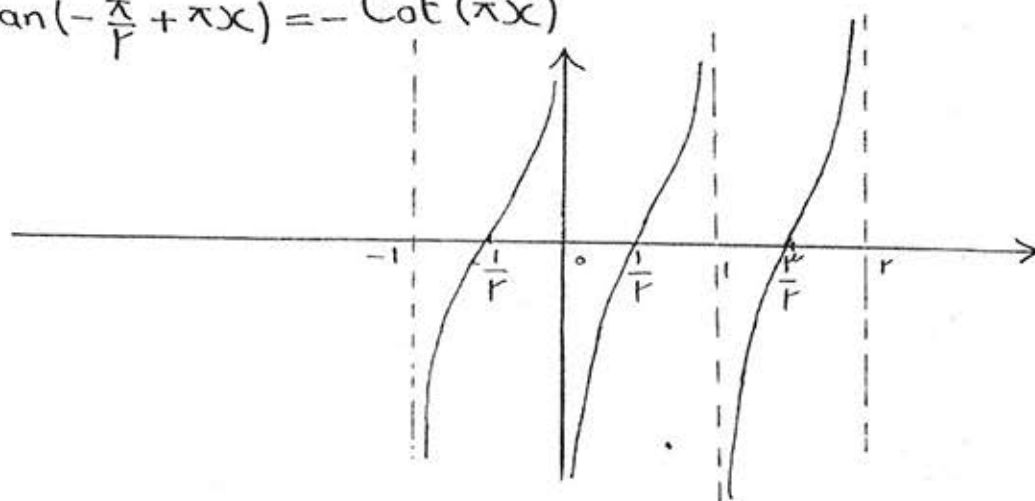
$$y = \sin(\pi(x+1)) = \sin(\pi + \pi x) = -\sin(\pi x)$$



$$7 \quad y = \tan\left(\frac{\pi}{r}(rx-1)\right)$$

جواب 7

$$y = \tan\left(-\frac{\pi}{r} + \pi x\right) = -\cot(\pi x)$$



$$9 \quad y = \cos\left(\pi\left(rx + \frac{1}{r}\right)\right)$$

جواب 9

$$y = \cos\left(r\pi x + \frac{\pi}{r}\right) = -\sin(r\pi x)$$

