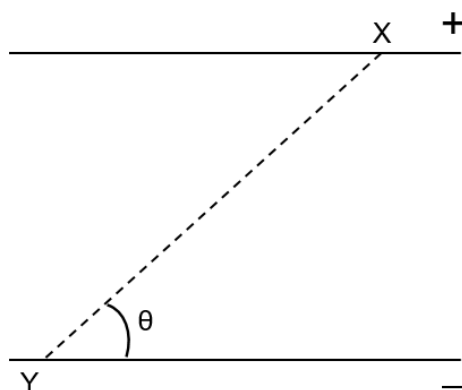


- 20** The figure below shows two horizontal parallel metal plates. The upper plate is maintained at a higher potential relative to the lower plate.



Line XY is inclined at an angle  $\theta$  to the metal plates.

Which of the following graphs best shows the variation of electric potential  $V$  with distance  $r$  from X along the line XY?

