

Hard

Deputy Executive Engineer (Electricity) 2026

Ports Authority of Gujarat / Assistant Engineer (Electrical)

0.5

- A

23
- B

13
- C

1, 24

Correct
- D

Correct Answer: C

Full Detailed Explanation

: - 1, 2 4

$d = \frac{n}{2\pi} (1 - \cos 2\pi n t)$, $n = 4 \text{ rad/s}$, $t = 0.5 \text{ s}$,

$s = \frac{1}{2\pi n} (\sin 2\pi n t + 2\pi n t)$: $s = 2 \times 10^{-3} \text{ m}$,