

Max. Marks: 4

Questions: 1

Q.1 A sportsman runs around a circular track of radius r such that he traverses the path ABAB. The distance travelled and displacement, respectively, are

A diagram of a circle with center O . Two points, A and B , are marked on the circumference. A radius is drawn from the center O to the circumference, labeled r .

- (1) $\pi r, 3r$ (2) $2r, 3\pi r$ (3) $3\pi r, 2r$ (4) $3\pi r, \pi r$

Scan or tap for the
full solution

[illegible]