

NEET SYSTEM OF PARTICLES AND ROTATIONAL MOTION — ANGULAR
VELOCITY AND ANGULAR ACCELERATION — PYQS

Max. Marks: 8

Questions: 2

Section A (MCQ) — 2 questions

Q.1 The angular acceleration of a body, moving along the circumference of a circle, is : [NEET (UG) 2023]

- (1) along the radius towards the centre
- (2) along the tangent to its position
- (3) along the axis of rotation
- (4) along the radius, away from centre

Scan or tap for the
full solution

Q.2 A wheel has angular acceleration of 3.0 rad/sec^2 and an initial angular speed of 2.00 rad/sec . In a time of 2 sec it has rotated through an angle (in radian) of [AIPMT 2007]

- (1) 10
- (2) 12
- (3) 4
- (4) 6

Scan or tap for the
full solution

ANSWER KEY

Ques.	1	2											
Ans.	3	1											