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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

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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

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ANSWER KEY

Ques.	1	2									
Ans.	3	1									