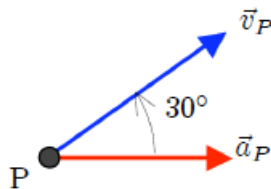


Question C1.4

Point P represents a passenger traveling in an automobile. The velocity and acceleration of P, \vec{v}_P and \vec{a}_P , respectively, are shown below at a given instant in time. Circle the item below that most accurately describes the motion of P:

- (a) The speed of P is decreasing and P is turning left.
- (b) The speed of P is increasing and P is turning left.
- (c) The speed of P is decreasing and P is turning right.
- (d) The speed of P is increasing and P is turning right.
- (e) There is insufficient information given for answering this question.

**Question C1.5**

Point P represents a passenger traveling in an automobile. The velocity and acceleration of P, \vec{v}_P and \vec{a}_P , respectively, are shown below at a given instant in time. Circle the item below that most accurately describes the motion of P:

- (a) The speed of P is decreasing and P is turning left.
- (b) The speed of P is increasing and P is turning left.
- (c) The speed of P is decreasing and P is turning right.
- (d) The speed of P is increasing and P is turning right.
- (e) There is insufficient information given for answering this question.

