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 $Solution\, 1$

(a) Speed

(b) Direction of motion

Solution 2

No, earth moves round the sun with uniform speed, but its velocity

changes continuously.

Solution 3

The motion is accelerated.

Solution 4

It represents uniform velocity.

Solution 5

Distance travelled by the moving body.

Solution 6

The slope of a speed-time graph indicates acceleration.

Solution 7

The slope of a distance-time graph indicates speed.

Solution 8

Motion of moon around the earth.

Solution 9

Uniform circular motion.

Solution 10

The Speed of the body is constant or uniform.

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Solution 11

The body has uniform speed.

Solution 12

The body is not moving. It is stationary.

Solution 13

It represents non-uniform acceleration.

Solution 14

It is accelerated motion as the velocity is changing continuously.

Solution 15

The tip of the 'seconds' hand' of a watch represents uniform

circular motion. It is an accelerated motion.

Solution 16

- (a) zero
- (b) speed
- (c) acceleration
- (d) distance travelled
- (e) circular path

| ****** | END | **** |
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