

Worksheet

Practice. Learn. Succeed

Sub : Science

Grade: IX

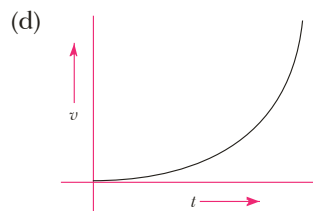
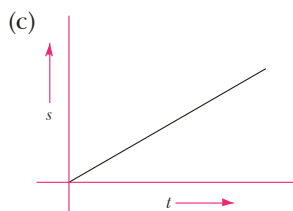
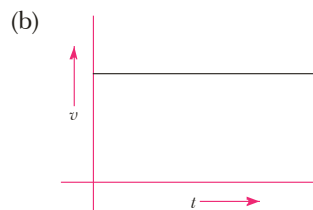
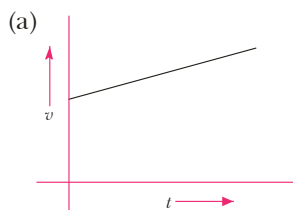
Date:

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Tick the Choice Question

1. The graph which represents the object moving under constant acceleration is



2. An aeroplane starting from rest accelerates uniformly and covers on the runway a distance of 1000 m in 10 s. The final speed attained by the aeroplane is

(a) 72 m/s

(b) 100 m/s

(c) 20 m/s

(d) 200 m/s

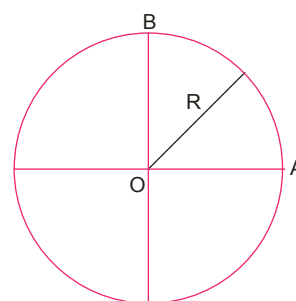
3. A boy starts moving from a point 'A' along a circular path of radius 'R' and reaches the point 'B' as shown in the figure. The displacement in this case is

(a)

(b) R

(c) R

(d) 2R



4. In which of the following cases the net force is not zero?

a. A kite skillfully held stationary in the sky

b. A ball freely falling from a building

c. An aeroplane rising upward with constant speed

d. A cork floating on the surface of water