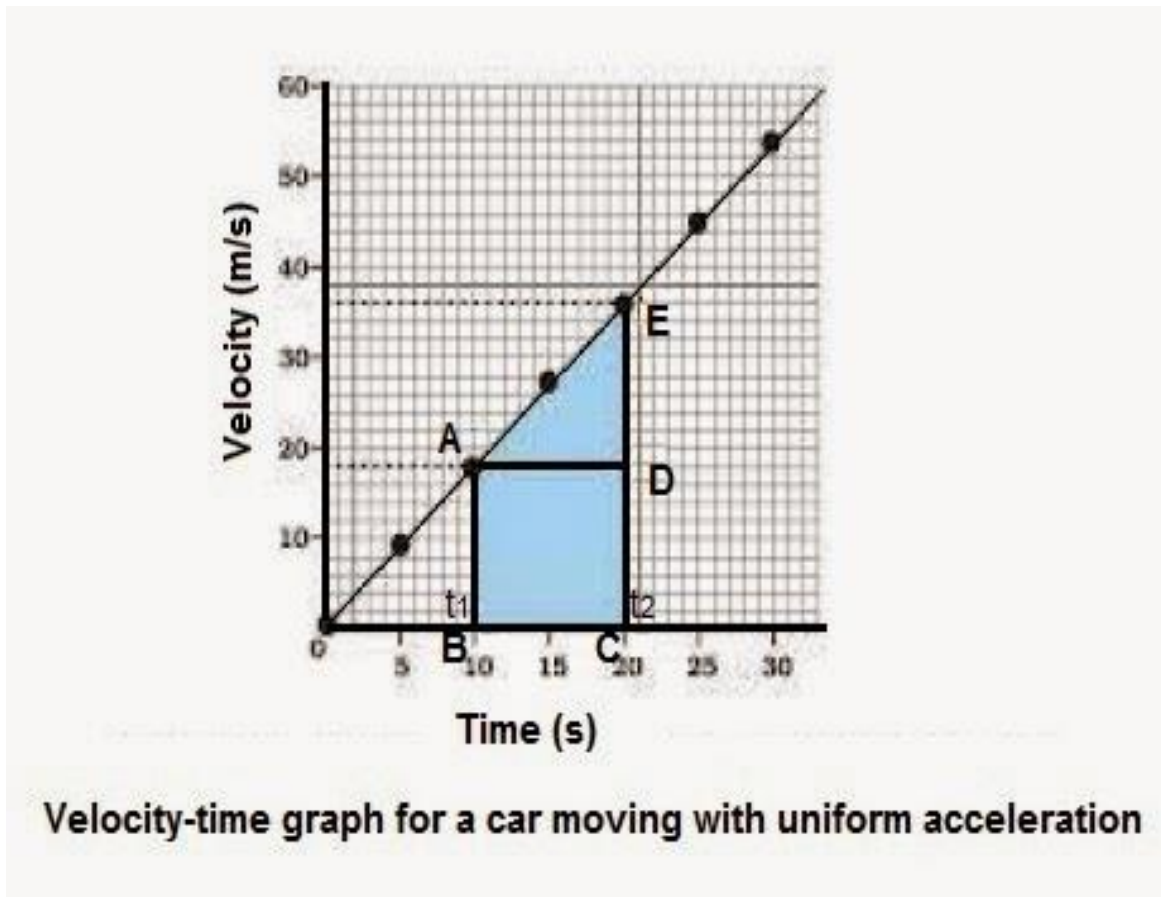


CHAPTER 1. (MOTION REVISION)(BASED ON NCERT PATTERN)



From the above given Velocity-Time graph, answer the following questions (Q1 to Q5): -

Question 1. From the above Velocity-Time graph, the body is moving with?

- (a) Variable Acceleration
- (b) Zero Acceleration
- (c) Constant Acceleration
- (d) Zero velocity

Question 12. Distance covered by the body during the interval from 10sec to 20 sec is?

- (a) 180
- (b) 200
- (c) 240
- (d) 270

Question 13. At the point A the body is at a distance of?

- (a) 90m
- (b) 180m
- (c) 270m
- (d) 350m

Question 14. The velocity of the body at the point 'B' is?

- (a) 20m/s
- (b) 24m/s
- (c) 32m/s
- (d) 36m/s

Question 15. In the total journey, starting from the rest, the body has traveled up to a distance of?

- (a) 270m
- (b) 360m
- (c) 450m
- (d) 540m

Question 16. What does the slope of distance - time graph give?

- (a) Acceleration
- (b) Uniform speed
- (c) Speed
- (d) both [b] and [c] depending upon the time of graph