

d) A car is travelling at a speed of 90 km/h. Brakes are applied so as to produce a uniform acceleration of -0.5 m/s^2 . Find how far the car will go before it is brought to rest?

- (i) 8100 m (ii) 900 m (iii) 625 m (iv) 620 m

e) The numerical ratio of displacement to distance for a moving object is:

- (i) Always less than 1
(ii) Equal to 1 or less than 1
(iii) Always more than 1
(iv) Equal to 1 or more than one

Q-2. Write difference between rest and motion?

Q-3. Write difference b/w uniform and non uniform motion?

Q-4. Write differences b/w speed and velocity?

Q-5. What is uniform and non –uniform velocity?

Q-6. What is Acceleration? Explain uniform and Non –uniform Acceleration?

Q-7. Write the conditions of acceleration to be Positive , negative and zero?

Q-8. Under what condition(s) is the magnitude of average velocity of an object equal to its average speed?

DO NCERT EXERCISE OF MOTION TILL ACCELERATION TOPIC