

Answer on Question #72748-Physics-Other

Question 1 : Velocity is defined as

distance/time

variation/time

displacement/time

speed/time

Answer: displacement/time

Question 2 : A Null vector is a vector whose magnitude is

zero

continous

very large

available

Answer: zero

Question 3 : When a body accelerates in motion it means that its

path is linear

velocity is uniform

None of these

velocity changes continuously

Answer: velocity changes continuously

Question 4 : If a force of 40N acting in the direction due East and a force of 30N is acting in the direction due North. Then the magnitude of the resultant forces will be

20N

40N

50N

30N

Answer: 50N

$$F = \sqrt{30^2 + 40^2} = 50 \text{ N.}$$

Question 5 : the change in the thermo-electric e.m.f per degree Celsius in temperature between the hot and cold junctions is known as

electric

power

clinical power

thermo-electric power

Answer: thermo-electric power

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