

Answer on Question#40948, Physics, Mechanics - Kinematics - Dynamics Question: A ball is thrown vertically upward from the surface of the earth. Consider the following quantities: (1) the speed of the ball; (2) the velocity of the ball; (3) the acceleration of the ball. Which of these is (are) zero when the ball has reached the maximum height?

Solution. The speed of the ball and the velocity of the ball are zero at the maximum height.

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