QUES 04:-

- "A lift is ascending with decreasing speed". What are the directions of velocity and acceleration of the lift at the given instant.
- Solution (i) Direction of motion is the direction of velocity. Lift is ascending (means it is moving upwards). So, direction of velocity is upwards.
- (ii) Speed of lift is decreasing. So, direction of acceleration should be in opposite direction or it should be downwards.