MAMUDU   HADIZA   MORENIKE   COMPUTER SCI(GRPB)

Surname .... First Name .... Middle Name .... Matric. No .... Course of Study

1. ....Projectile : α................. describes the position of a particle for motion in the xy plane.

2. The trajectory of a projectile is always a parabolic path. **True** or **False** ......True ✓.......

3. The velocity of a particle in a circular path is ....Perpendicular ✓....... to the radius of the circle

4. ......Force ✓....... is an interaction between a particle and its surrounding.

5. The tendency of a particle to keep moving once sets in motion is called ......Inertia ✓......

6. The force applied for a particle in motion, accelerates to the right is called ....Centripetal force ✓

7. The normal force of the banked road points toward the curve's centre causes ....Acceleration α

8. The direction of constant velocity and free-fall motions are ....Horizontal ✓... and ...Vertical ✓..

9. The spring force that acts towards the equilibrium position is known as ....Center of gravity ✗...

10. For a non-isolated system of an energy, the interacting and the changing quantities are ....Potential
    and ...Kinetic... ✗