

Applied Physics Multiple Choice Questions

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Applied Physics Multiple Choice Questions

1. What is the velocity-time graph?

- A. Speed-time graph
- B. Velocity-displacement graph
- C. Graph illustrating velocity of object
- D. None of the above

Answer - Click Here:

C

2. Mass of 700 N man moving in car at 66 km h⁻¹ is:

- A. 70 kg
- B. 100 kg
- C. infinite
- D. zero

Answer - Click Here:

A

3. Gravitational force is _____ force:

- A. Frictional Force
- B. Non-conservative Force
- C. Normal Force
- D. None of the above

Answer - Click Here:

B

4. During time interval 't' Average acceleration of a body is given by slope of its:

- A. Velocity-Speed graph
- B. Speed-time graph
- C. Velocity-displacement graph
- D. Velocity-time graph

Answer - Click Here:

D

5. Inertial frame of reference is frame _____:

- A. In which first law of motion is valid
- B. In which law of inertia is valid
- C. Which is not moving with uniform velocity
- D. Both a and b

Answer - Click Here:

D

6. A man of mass 30 kilograms climbs stairs of height 5 meters in 4 seconds.

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power output produced will be:

- A. 367.5 W
- B. 36 W
- C. 370 W
- D. 397.5 W

Answer - Click Here:

A

7. Acceleration of a body at a particular instant is called :

- A. Instantaneous acceleration
- B. Instantaneous velocity
- C. Instantaneous displacement
- D. Instantaneous speed

Answer - Click Here:

A

8. Gravitational force is _____ force:

- A. Conservative force
- B. Frictional Force
- C. Non-conservative force
- D. None of the above

Answer - Click Here:

C

9. GPS stands for:

- A. Global pointing system
- B. Globe positioning system
- C. General positioning system
- D. Global positioning system

Answer - Click Here:

D

10. Newton's laws of motion were published in _____ year:

- A. 1987
- B. 1982
- C. 1687
- D. 1688

Answer - Click Here:

C

11. Work done on a body equals change in its kinetic energy, this principle is known as:

- A. Work done principle
- B. Work-energy principle
- C. Work-velocity principle
- D. Speed-displacement principle

Answer - Click Here:

B

12. Revolution and steradian is units of:

- A. Angular velocity
- B. Angular distance
- C. Angular displacement
- D. None of the above

Answer - Click Here:

C



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