

Work and Energy Physics MCQs

By: Prof. Fazal Rehman Shamil Last Modified: September 4, 2019

Work and Energy Physics MCQs

Here there are 12 MCQs of Work and Energy helpful your exams in physics.

1. When the force is parallel to the direction of motion of the body, then work done on the body is ...

- (a) Maximum
- (b) Minimum
- (c) Infinity
- (d) Zero
- (e) None of these

Answer: (d)

2. Which of the following of the is a field in which work done in a moving a body along a closed path is zero?

- (a) Conservative
- (b) Electromagnetic
- (c) Nuclear field
- (d) Electric Field
- (e) None of these

Answer: (a)

3. What is the total work done in a moving a body along a closed path in a gravitational field is always equal to

- (a) Maximum
- (b) Minimum
- (c) Zero
- (d) Unity
- (e) None of these

Answer: (c)

4. What will be the work done in the direction of motion of the force is perpendicular to the direction of the motion of the body?

- (a) Zero
- (b) Maximum
- (c) Minimum
- (d) Infinity
- (e) None of these

Answer: (a)

Search

MCQS PHYSICS

- Set 1: Basic Physics
- Set 2: Basic Physics
- Set 3: Basic Physics
- Set 4: Basic Physics
- Set 5: Basic Physics
- Set 6: Basic Physics
- Set 7: Basic Physics
- Set 8: Basic Physics
- Set 9: Basic Physics
- Set 10: Basic Physics
- Set 11: Basic Physics
- Set 12: Basic Physics
- Set 13: Basic Physics
- Set 14: Modern Physics
- Set 15: Applied Physics
- Set 16: Applied Physics
- Set 17: Applied Physics
- Set 18: Applied Physics
- Set 19: Applied Physics
- Set 19: Atomic and Nuclear Physics
- Set 20: Heat and Thermodynamics
- Set 21: Physical Optical Physics
- Set 22: Physical Optical Physics
- Set 23: Oscillations Physics
- Set 24: Nuclear Physics
- Set 25: Nuclear Physics
- Set 26: Nuclear Physics
- Set 27: Nuclear Physics
- Set 28: Plasma Physics
- Set 29: Basic Physics
- Set 30: Basic Physics
- Set 31: Work and Energy
- Set 32: Waves Physics
- Set 33: Solid State Physics
- States of physics MCQs Questions Answers
- Dawn of Physics MCQs
- Alternating Current Physics Solved MCQs Questions Answers
- Work And Energy MCQs
- Fluid Dynamics Solved MCQs Questions Answers
- MCQs Newton Laws of motion – Solved questions answers
- Momentum MCQs – Physics

5. The rate of doing work is called?

- (a) Energy
- (b) Impulse
- (c) Power
- (d) Moment
- (e) None of these

Answer: (c)

6. Power is a _____ quantity.

- (a) Vector
- (b) Scalar
- (c) Force and Velocity
- (d) Force and time
- (e) None of these

Answer: (c)

7. Power is a dot product of ...

- (a) Force and time
- (b) force and velocity
- (c) Force and mass
- (d) force and displacement
- (e) None of these

Answer: (b)

8. A body is lifted through a height 'h', the work done on a body appears in the form of ...

- (a) Force
- (b) Work
- (c) Potential Energy
- (d) Kinetic energy
- (e) None of these

Answer: (c)

9. If a weight 'W' is lifted through a height 'h', the work done will be

- (a) Wh
- (b) $-we$
- (c) $Wh \sin$
- (d) Zero
- (e) None of these

Answer: (a)

10. The work done in a moving body from one place to the another in a gravitational field is independent of ...

- (a) The applied force
- (b) The path followed by the body

- (c) Force of gravity
- (d) The power Consumed
- (e) None of these

Answer: (b)

11. The ability to do work is known as ...

- (a) Kinetic energy
- (b) Energy
- (c) Power
- (d) Force
- (e) None of these

Answer: (b)

12. Which of the following is the SI unit of power

- (a) Newton
- (b) Watt
- (c) Joule
- (d) Dyne
- (e) None of these

Answer: (b)



Prof. Fazal Rehman Shamil

CEO @ *T4Tutorials.com*

I welcome to all of you if you want to discuss about any topic. Researchers, teachers and students are allowed to use the content for non commercial offline purpose. Further, You must use the reference of the website, if you want to use the partial content for research purpose.

