

Modern Physics MCQs

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Modern Physics MCQs

| | 1 | . I | n | photocell | cesium i | s coated | with | oxidized | silver | cathode | emits | electron | s for |
|--|---|-----|---|-----------|----------|----------|------|----------|--------|---------|-------|----------|-------|
|--|---|-----|---|-----------|----------|----------|------|----------|--------|---------|-------|----------|-------|

- A. visible light
- B. ultraviolet
- C. infrared light
- D. x-rays

| ш | Answer - | C | lic | k | Н | ler | e: |
|---|----------|---|-----|---|---|-----|----|
| | | | | | | | |

С

- 2. An inertial frame of reference is frame
- A. in which first law of motion and inertia is valid
- B. inertia is valid
- C. which is not moving with uniform velocity
- D. both a and b
- ☐ Answer Click Here:

Α

- 3. Rest mass energy of an electron is
- A. 1.02 MeV(Million Electron Volts)
- B. 0.511KeV(kilo Electron Volts)
- C. 0.511 MeV
- D. 2.02 MeV
- ☐ Answer Click Here:

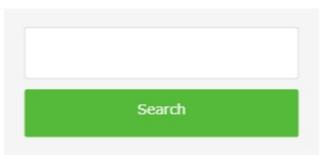
С

- 4. According to the theory of relative mass of an object is equal to...
- A. depends on particles
- B. speed of light
- C. volume of the object
- D. area of the object
- Answer Click Here:

В

- 5. According to the special theory of relativity which one is not an absolute quantity?
- A. Time and mass
- B. mass
- C. height
- D. none of above
- ☐ Answer Click Here:

Α



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: Oscilations 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
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- 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

| A. inertial frame of reference B. non-inertial frame of reference C. non-accelerated frame of reference D. accelerated frame of reference | |
|---|--|
| □ Answer - Click Here: | |
| A | |
| 7. Quantum effects are important only when observing A. small objects B. very large objects C. atomic spectra D. atomic size objects Answer - Click Here: | |
| 8. A statement saying that energy is radiated or absorbed in discrete packets is given by A. plank(1.616229(38)×10-35 meters) B. Einstein C. Stephen D. Wien Answer - Click Here: A | |
| 9. Phenomena that cannot be understood with the framework of classical physics is A. blackbody radiation, atomic spectra B. atomic spectra C. inertial frame D. none of above Answer - Click Here: A | |
| 10. The behavior of matter on an atomic level cannot be explained in which of the following. A. modern physics B. classical physics C. relativistic mechanics D. atomic spectra Answer - Click Here: | |
| 11. Max K.E(Kinetic Energy) of photo electrons depend upon light's A. intensity B. frequency C. wavelength D. energy Answer - Click Here: B | |

6. The special theory of relativity treats problems involving to which frame of reference

Solved

- 12. Earth can be considered as which type of frame A. inertial frame B. non-inertial frame
- C. accelerated frame
- D. velocity frame
- ☐ Answer Click Here:

Α



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