

Mechanics Quiz: questions and answers



1. What is the mechanics?

- The discipline that deals with the design, construction and maintenance of the physical and naturally built environment
- The scientific discipline involved with elements and compounds composed of atoms, molecules and ions
- The area of science concerned with the behavior of physical bodies when subjected to forces or displacements

2. Where does the scientific discipline have its origins?

- Ancient Rome
- Ancient Egypt
- Ancient Greece

3. Who laid the foundations of what is now known as classical mechanics?

- Galileo
- Kepler
- All are correct

4. Which law originated the classical mechanics?

- Newton's law of motion
- Theory of fields
- General theory of relativity

5. What was the main theory of mechanics in antiquity?

- Isaac Newton's mechanics

- Aristotelian mechanics
- Galileo's mechanics

6. Who developed the theory of impetus?

- Aristotle
- Isaac Newton
- Jean Buridan

7. Who were two central figures for mechanics in the early modern age?

- Jean Buridan and Thomas Bradwardine
- Aristotle and Plato
- Galileo Galilei and Isaac Newton

8. In which century did General Relativity and Quantum Mechanics develop?

- 19th century
- 20th century
- 21th century

9. Which one of these subjects is studied in the Classical fields of mechanics?

- Matrix mechanics
- Particle physics
- Analytical mechanics

10. Which one of these subjects is studied in the Quantum fields of mechanics?

- Biomechanics
- Fluid statics
- Condensed matter physics

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Right answers

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