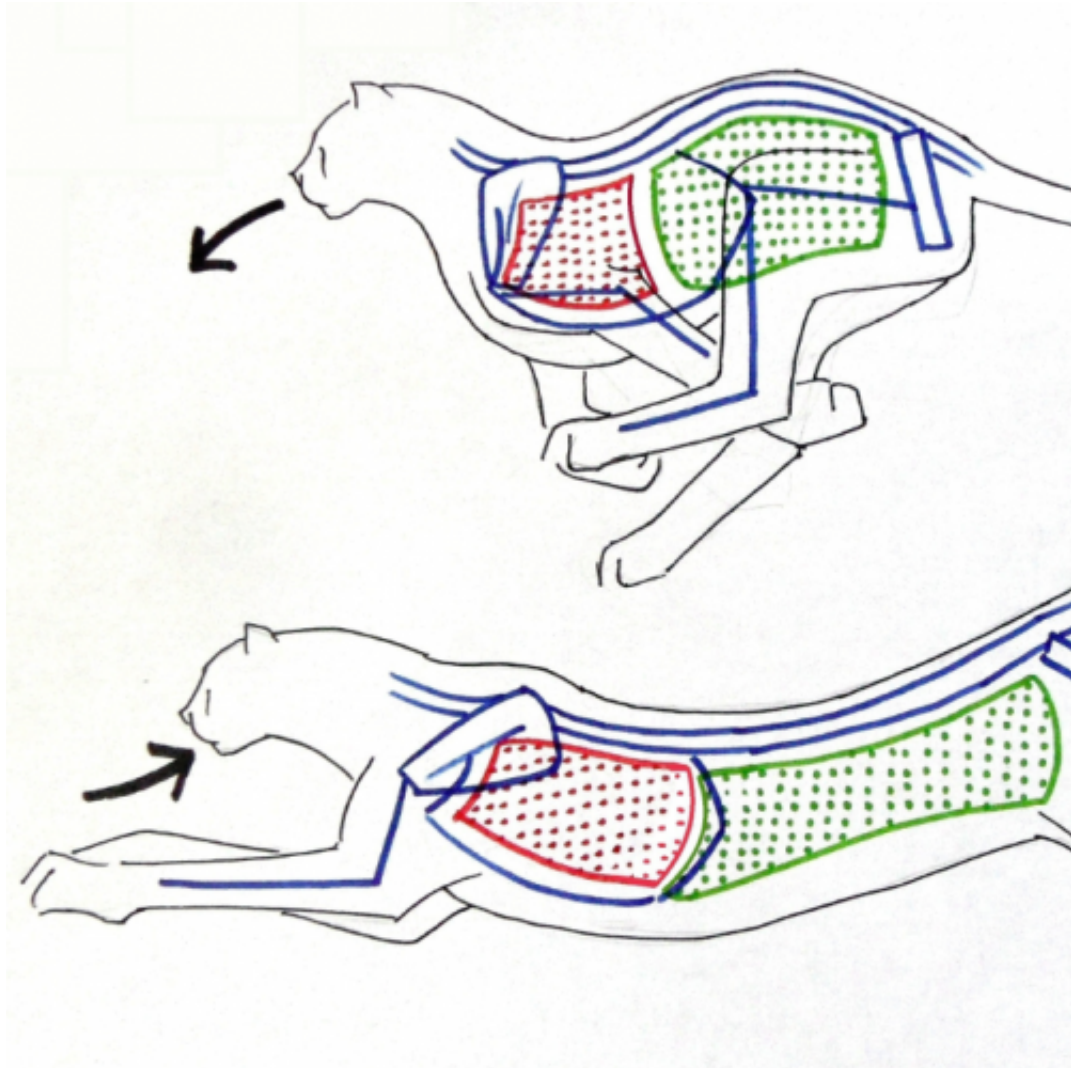


Biomechanics Quiz: questions and answers



1. What does biomechanics study?

- Structure and function of the mechanical aspects of biological systems
- Genes, genetic variation, and heredity in organisms
- Plants' and animals' life in their natural habitat

2. Which of these is not one of the subfields of biomechanics?

- Cardiovascular
- Nuclear
- Forensic Biomechanics

3. Which field of biomechanics study gas and liquid fluid flow in or around biological organisms?

- Biofluid mechanics
- Continuum biomechanics
- Biotribology

4. What is the application of biomechanics to non-human organisms?

- Computational biomechanics
- Comparative biomechanics
- Plant biomechanics

5. Who can be considered the first bio-mechanic, because of his work with animal anatomy?

- Galen
- Aristotle

Plato

6. Who wrote the world's standard medical book for the next 1,400 years?

Aristotle

Galen

Marcus Aurelius

7. In which century did Etienne-Jules Marey use cinematography to scientifically investigate the locomotion?

20th century

18th century

19th century

8. What does the study of biomechanics cover?

Mechanical properties of soft tissue

Inner workings of a cell

Both are correct

9. Who suggested a philosophical system whereby all living systems, including the human body, are simply machines ruled by the same mechanical laws?

Giovanni Alfonso Borelli

Galileo Galilei

Descartes

10. Which other fields does comparative biomechanics strongly overlap with?

Developmental biology

Ecology and neurobiology

Both are correct

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Right answers

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