Al Amal Learning Center

Class 9 Biology Chapter 1 Past Paper MCQ Quiz | FBISE | Level 4

Class 9 Biology · Chapter 1: The Science of Biology

Name: _____ Date: _____ Score: _____ / 16

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1. The study of the fossils is called: [2025 1st Exam]

A) Anatomy
B) Morphology
C) Paleontology
D) Physiology

2. For a hypothesis to be considered scientific, it must be: [2025 1st Exam]

A) Subjective
B) Opinion based
C) Testable by experiments
D) Proven correct

3. The study of inserting human insulin gene in bacteria is related with: [2025 1st Exam]

A) Biochemistry
B) Molecular biology
C) Cell biology
D) Biotechnology

4. Biology is the study of: [2025 2nd Exam]

A) Living organisms
B) Non-living objects
C) Planet Earth
D) Chemical compounds

5. The statement on the basis of observations is called: [2025 Model Paper]

A) Hypothesis
B) Deduction
C) Theory
D) Law

6. Biology is considered a subset of natural sciences because it deals with: [2026 Model Paper]

A) Natural phenomena without observation or experimentation
B) Only the physical characteristics of living organisms
C) Living organisms and their interactions with nature
D) Living organisms only from a historical perspective

7. Which statement best describes the teaching of the Quran regarding nature? [2026 Model Paper]

A) It encourages observation and study of nature
B) It presents nature mainly as resources for human use
C) It discusses nature only in relation to historical events
D) It encourages appreciation of nature but not its investigation

8. Pharmacology is related to: [2026 Model Paper]

A) Defense against germs
B) Study of drugs and their effect
C) Study of diseases
D) Study of form and function of body

9. A group of scientists from Biology and Chemistry work together to develop a new vaccine. Which other field can contribute to quick and accurate development of vaccine? [2026 Model Paper]

A) Computer science
B) Physics
C) Mathematics
D) Geography

10. Scientists are investigating how a mutation in a gene is passed from one generation to the next. This research belongs to: [2026 Model Paper]

A) Pharmacology
B) Immunology
C) Genetics
D) Physiology

11. A well-tested explanation supported by evidence but still open to revision is called: [2026 Model Paper]

A) Law
B) Observation
C) Hypothesis
D) Theory

12. Climate change research involves biology, meteorology and geology mainly to: [2026 Paper B]

A) Reduce efficiency
B) Avoid experiments
C) Integrate different expertise
D) Create conflict

13. A team studying a new disease includes a biologist, computer scientist, and statistician. Which outcome best shows scientific collaboration? [2026 Paper D]

A) Biologist works alone
B) Data kept secret
C) Shared analysis and feedback
D) Single opinion accepted

14. During a research project, scientists from different fields criticise each other's methods. This practice mainly helps to: [2026 Paper M]

A) Delay results
B) Create conflict
C) Improve accuracy
D) Limit discussion

15. Study of fossils is a part of: [2025 1st Exam]

A) Paleontology
B) Ecology
C) Anatomy
D) Cytology

16. Molecular biology mainly focuses on the study of: [2026 Model Paper]

A) The organs and organ systems
B) The microscopic organisms around us
C) Molecules present in cells and their reactions
D) Formation and breakdown of molecules in soil

Answer key

1-C 2-C 3-D 4-A 5-A 6-C 7-A 8-B 9-A 10-C

11-D 12-C 13-C 14-C 15-A 16-C