Past Paper Questions

Class 9 Biology · Chapter 1 — The Science of Biology

Paper	Source
Model Paper 2025	FBISE Model Paper · Curriculum 2022-23 · Inclusive Scheme of Studies 2024
2025, 1st Exam Paper 1	FBISE SSC-I · 2025 · Version D · 1st Exam (incl. Old Curriculum 2006 pages)
2025, 1st Exam Paper 2	FBISE SSC-I · 2025 · Versions B and D · 1st Exam
2025, 2nd Exam	FBISE SSC-I · 2025 · 2nd Exam
Model Paper 2026 (50% MCQs)	FBISE Model Paper · National Curriculum 2022-23 · 50% MCQs + 50% Descriptive
2026, Paper D	FBISE SSC-I · 2026 · Paper D
2026, Paper M	FBISE SSC-I · 2026 · Paper M
2026, Paper B	FBISE SSC-I · 2026 · Paper B

Chapter 1 questions taken from Federal Board SSC-I Biology papers (2025 and 2026), arranged paper by paper. Marks shown in teal brackets. “OR” marks the alternative question in a choice pair. Questions are given without answers. Total: 41 questions.

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Model Paper 2025

Curriculum 2022-23, Inclusive Scheme of Studies 2024

Section A — MCQ

Q1(ii). The statement on the basis of observations is called:
A) Hypothesis B) Deduction C) Theory D) Law

Section B — Short Questions

Q2(i). Complete the following table by matching the branch of biology with the aspect of living things it describes. **[0.5×6]**

Branch of biology	Aspect of living things described
Pharmacology	
	Defense against pathogens
Physiology	
	Classification and naming
	Relations between organisms and environment
Pathology	

Q2(v). Complete the following table for union of biology with other sciences. **[0.5×6]**

Interdisciplinary science	Aspect of living organisms
	Analysis of data related to organisms
Biochemistry	
	Cost and benefit analysis of organisms
Computational biology	
	Distribution of organisms in geographic regions
Biophysics	

Section C — Long Questions

Q3. How biological method may help to find the cause of any infectious disease using different steps of biological method. **[6]**

2025, 1st Exam Paper 1

Version D, Sections B and C

Section B — Short Questions

Q2(i). Complete the table: **[3]**

Branch of Biology	Area of study
Pathology	
	Microscopic study of tissues
Paleontology	

Q2(xi). Briefly explain horticulture and animal husbandry with examples. **[1.5+1.5]**

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Section C — Long Questions

Q4 OR. Illustrate first five steps of scientific method used in solving a biological problem. **[1×5]**

Old Curriculum 2006 pages

These pages follow the older syllabus. Only questions matching Chapter 1 topics are included.

Q1 (MCQ). The study of the fossils is called:
A) Anatomy B) Morphology C) Paleontology D) Physiology

Q2 (MCQ). For a hypothesis to be considered scientific, it must be:
A) Subjective
B) Opinion based
C) Testable by experiments
D) Proven correct

Q2(i) (Short). Complete the table with relevant branch of Biology. **[3]**

Branch	To study
	Plants
Taxonomy	
	Insects

Q2(ii) OR (Short). Briefly describe any two careers based on study of biology. **[3]**

Q2(vi) (Short). Enlist any four steps involved in biological method in their correct order. **[3]**

2025, 1st Exam Paper 2

Versions B and D

Section A — MCQ

Q1 (Version B). Study of fossils is a part of:
A) Paleontology B) Ecology C) Anatomy D) Cytology

Q1 (Version D). Study of inserting human insulin gene in bacteria is related with:
A) Biochemistry
B) Molecular Biology
C) Cell Biology
D) Biotechnology

Section B — Short Questions

Q2(i) (Version B). Complete the table: **[3]**

Branch of Biology	Area of study
Pharmacology	
	Study of cells
Cytology	

Q2(xi) (Version B). Briefly explain theory and law with examples. **[1.5+1.5]**

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Section C — Long Questions

Q3 (Version B). Discuss the connection of biology with:
i. Physics
ii. Chemistry
iii. Computer
iv. Geography
v. Economics **[5]**

2025, 2nd Exam

2nd Exam

Section A — MCQ

Q1. Biology is the study of:
A) Living organisms
B) Non-living objects
C) Planet Earth
D) Chemical compounds

Section B — Short Questions

Q2(i). What is meant by biology? **[3]**

Q2(viii) OR. Identify and briefly explain any two careers related to biology. **[1.5+1.5]**

Section C — Long Questions

Q3. Describe the first five steps of scientific method used in biological investigations. **[5]**

Model Paper 2026 (50% MCQs)

National Curriculum 2022-23, 50% MCQs and 50% Descriptive

Section A — MCQ

Q1. Biology is considered a subset of natural sciences because it deals with:
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

Q2. Which statement best describes the teaching of the Quran regarding the nature?
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

Q3. Pharmacology is related to:
A) Defense against germs
B) Study of drugs and their effect
C) Study of diseases
D) Study of form and function of body

Q4. 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?
A) Computer science B) Physics C) Mathematics D) Geography

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Q5. Scientists are investigating how a mutation in a gene is passed from one generation to the next. This research belongs to:

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

Q6. A well-tested explanation supported by evidence but still open to revision is called:

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

Section B — Short Questions

Q2 OR. Write three characteristics of a good hypothesis. **[3]**

Q3 OR. Write any three important observations carried out by A.F.A King about the spread of Malaria? **[1+1+1]**

2026, Paper D

Paper D

Section A — MCQ

Q1. A team studying a new disease includes a biologist, a computer scientist and a statistician. Which outcome best shows scientific collaboration?

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

Section B — Short Questions

Q2(ii) OR. Enlist any three careers related to the field of Biology and briefly state what each deals with. **[1×3]**

Q2(ix). Briefly describe Biometry and Biogeography with one example of each. **[1.5+1.5]**

Section C — Long Questions

Q5. How is the scientific method used to solve a biological problem? Explain all steps in correct sequence with brief explanation of each involved in scientific method. **[6]**

2026, Paper M

Paper M

Section A — MCQ

Q6. During a research project, scientists from different fields criticise each other's methods. This practice mainly helps to:

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

Section B — Short Questions

Q2(iii). Briefly describe Taxonomy, Immunology and Morphology with one example of each. **[1×3]**

Q2(vi) OR. Briefly describe Computational Biology and Biochemistry give one example of each. **[1.5+1.5]**

Section C — Long Questions

Q4. How is the scientific method used to solve a biological problem? Explain all steps in correct sequence with brief explanation of each involved in scientific method. **[6]**

2026, Paper B

Paper B

Section A — MCQ

Q1. Climate change research involves biology, meteorology and geology mainly to:

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

Section B — Short Questions

Q2(ii) OR. Briefly explain Biotechnology and Biophysics. Give one example of each. **[1.5+1.5]**

Q2(ix). Briefly describe Histology, Genetics and Pharmacology. **[1×3]**

Section C — Long Questions

Q5. How is the scientific method used to solve a biological problem? Explain all steps in correct sequence with brief explanation of each involved in scientific method. **[6]**

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