Punjab Education, Curriculum, Training & Assessment Authority

Smart Syllabus / Accelerated Learning Program (ALP) for Biology-9 (Academic Session 2026-27)

Note: All types of questions for BISE Examination paper will be prepared from the entire content of the textbook other than those topics and questions which have been excluded / deleted in the Smart Syllabus (ALP) for Biology-9

To ensure timely curriculum completion and effective learning within the educational calendar of the 2025-26 academic session, selected topics of Biology-9 have been deleted under the Smart Syllabus / Accelerated Learning Program (ALP).

This adjustment has been made carefully to prevent any learning loss, content overlap, or conceptual gap for students. The modified scheme retains all core concepts required for progression to higher grades, while maintaining curriculum coherence across science subjects.

Chapter No. / Name	Deleted Topics	Page No.
1 The Science of Biology	• 1.2 Relation of Biology with other sciences • 1.3 Careers in Biology • 1.5 Science as a collaborative field • 1.8 Malaria- An example of Biological Method • Key Points • MCQ No. 9 &10 • Short answers No. 3 & 5 • Long questions No. 1-3 & 6-7 • Inquisitive questions all	8-10 10-12 13-14 17-20 21-22 23 23 24 24
2 Biodiversity	• Advantages of classification • Table • History of classification • Table • Table • Box • Key Points • MCQ No. 8-10 • Short answers no.1,2 &4 • Long questions no. 1&2 • Inquisitive questions all	27 28 29 31 35 36 38 39 40 40 40

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3 The Cell	• Side box and Table • Table • 3.3 Structural Advantages of Plant and Animal Cells • Division of Labour within and across cells • Key Points • MCQ No. 4, 11 & 14 • Short answers No. 4, 10 & 14 • Long questions No. 8 & 9 • Inquisitive questions all	52 53 53-54 56-57 59 60-61 61 62 62
4 Cell Cycle	• Box • 4.4 Comparison between Meiosis and Mitosis • Key Points • MCQ No. 3 & 8 • Short answers No. 8 & 10 • Long questions No. 2 • Inquisitive questions all	65 73-75 76 77 78 78 78
5 Tissues, Organs And Organ System	• Emergent Properties • Role of Organ System in Homeostasis • Key Points • MCQ No. 1, 3 & 7 • Short answers No. 5 & 7 • Long questions No. 6, 9 & 10 • Inquisitive questions all	81-82 89 90 90-91 92 92 92
6 Biomolecules	• Key Points • MCQ No. 1 & 8 • Short answers No. 1 & 4 • Long questions No. 6 • Inquisitive questions all	105-106 106-107 108 108 108
7 Enzymes	• Key Points • MCQ No. 1 & 4 • Short answers No. 2 & 5 • Long questions No. 4 • Inquisitive questions all	116 117 118 118 118

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8 Bioenergetics	• Use of Respiratory energy in Body • Table • Table • Figure 8.8 • Key Points • MCQ No. 3 & 9 • Short answers No. 3, 7, 8, 9 & 13 • Long questions No. 3 & 6 • Inquisitive questions all	128 128 129 129 130 131 132 132 132
9 Plant Physiology	• Roles of Nitrogen and Magnesium • Key Points • MCQ No. 4 & 7 • Short answers No. 1 & 3 • Long questions No. 3 & 8 • Inquisitive questions all	135 148 149 150 150 150
10 Reproduction in Plants	• Key Points • MCQ No. 4 & 10 • Short answers No. 3 & 10 • Inquisitive questions all	163 164 165-166 166
11 Biostatistics	Entire chapter is deleted.	167-175
Glossary	Completely deleted.	176-180

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