THE GENIUS SCIENCE ACADEMY, LAHORE

12th Class (2nd Year) Physics Smart Syllabus

Accelerated Learning Program (ALP) · Deleted Content & Questions · Session 2026-27

7	22	2026-27
CHAPTERS WITH DELETIONS (CH 13, 14, 16–20)	TOPICS / SECTIONS DELETED	SESSION

How to use: Questions will not be set from the topics and exercise questions listed below. Cross them out in your book and prepare **all remaining content**. Chapter 15 has no deletions.

Chapter-wise Deleted Topics & Exercise Questions

Ch.	Chapter Name	Deleted Topics & Page Nos.	Deleted Exercise Questions
13	**Thermal Physics**	DELETED Kinetic Theory and Statistical Physics · Page 8	**MCQs:** 13.7, 13.8 **Short Questions:** 13.3, 13.5, 13.8 **CRQs:** 13.4 **Comprehensive Questions:** 13.3 **Numerical Problems:** 13.2, 13.4
14	**Simple Harmonic Motion**	DELETED 14.1 Oscillatory Motion · Page 16, 17 DELETED 14.4 SHM & Uniform Circular Motion · Page 22, 25 DELETED 14.10 Resonance · Page 33, 35 DELETED 14.5 Sharpness of Resonance · Page 35, 38	**MCQs:** 14.1, 14.2, 14.4, 14.5, 14.6, 14.7 **Short Questions:** 14.1, 14.2, 14.4, 14.5, 14.7 **CRQs:** 14.1, 14.2, 14.3, 14.6 **Comprehensive Questions:** 14.2, 14.3, 14.5, 14.6 **Numerical Problems:** 14.1, 14.4
16	**Electrostatics**	DELETED 16.1 Electric Potential Difference · Page 59 DELETED Isolated Spherical Conductors · Page 64, 65 DELETED 16.8 Charging and Discharging of a Capacitor · Page 73, 74 DELETED 16.9 Exponential Decay of Discharging Capacitor through Resistor · Page 75, 77	**MCQs:** 16.1, 16.5, 16.6, 16.10 **Short Questions:** 16.2, 16.7 **CRQs:** 16.1, 16.2, 16.3, 16.4 **Comprehensive Questions:** 16.1, 16.5 **Numerical Problems:** 16.2, 16.3, 16.9
17	**Alternating Current**	DELETED 17.2 Relation between mean power and maximum power for alternating current · Page 85, 86 DELETED 17.7 Choke · Page 92 DELETED 17.8 AC through a Capacitor · Page 92, 94 DELETED 17.10 AC through RL series Circuit · Page 95, 96	**MCQs:** 17.2, 17.4 **Short Questions:** 17.5 **CRQs:** 17.2 **Comprehensive Questions:** 17.1, 17.2, 17.3 **Numerical Problems:** 17.1, 17.4, 17.6
18	**Quantum Physics**	DELETED 18.4 Wave nature of Particles · Page 116, 118 DELETED 18.6 Electron Microscope · Page 119 DELETED 18.8 Uncertainty Principle · Page 122, 123	**MCQs:** 18.2, 18.5, 18.6, 18.7, 18.10, 18.11 **Short Questions:** 18.5, 18.8 **CRQs:** 18.2, 18.6 **Comprehensive Questions:** 18.2, 18.4, 18.5 **Numerical Problems:** 18.6, 18.7

Ch.	Chapter Name	Deleted Topics & Page Nos.	Deleted Exercise Questions
19	**Nuclear and Particle Physics**	DELETED 19.4 Nuclear Fusion · Page 136, 138 DELETED 19.5 Activity and Half Life · Page 138, 141 DELETED 19.7 Inhalation Reactions · Page 142, 143	**MCQs:** 19.1, 19.3, 19.4, 19.5, 19.8, 19.10 **Short Questions:** 19.2, 19.3, 19.6, 19.7, 19.8 **CRQs:** 19.1, 19.2, 19.3 **Comprehensive Questions:** 19.2, 19.3, 19.4, 19.6 **Numerical Problems:** 19.2, 19.3, 19.4, 19.6
20	**Medical Physics**	DELETED 20.3 X-rays · Page 149, 152 DELETED 20.4 CT Scan · Page 152, 153 DELETED 20.5 PET Scan Working · Page 153, 154	**MCQs:** 20.1, 20.2, 20.5, 20.6, 20.8, 20.9 **Short Questions:** 20.1, 20.4, 20.6, 20.7 **CRQs:** 20.1, 20.3, 20.4, 20.5, 20.6 **Comprehensive Questions:** 20.3, 20.4, 20.5

About this document. Compiled by The Genius Science Academy from the PECTAA Accelerated Learning Program (ALP) deleted-content list for Session 2026-27. Page numbers refer to the new textbook edition; please cross-check with your textbook and the official PECTAA / BISE notification.
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