PUNJAB EDUCATION, CURRICULUM, TRAINING AND ASSESSMENT AUTHORITY
21- E-II, Gulberg-III, Lahore
No: PECTAA/C&C Unit/2026/1266
Dated: 20.11.2026

Director (C & C)

N O T I F I C A T I O N

In pursuance of Section 9(1)(b) of the Punjab Education, Curriculum, Training and Assessment Authority Act-2025 and with the approval accorded by the Academics Committee of the Punjab Education, Curriculum, Training and Assessment Authority in its meeting held on 20.11.2026, the **Revised Smart Syllabus (Accelerated Learning Programme – ALP / Deleted Topics and Exercise Questions)**, Pairing Schemes and Model Papers of **Grade-10** for the Academic Session 2026-27 and BISEs Annual Examination-2027 **(Annex-A)** are hereby notified for implementation across Punjab.

No Smart Syllabus (Accelerated Learning Programme – ALP / Deleted Topics and Exercise Questions) has been notified for the subjects of Tarjama-tul-Quran and Ethics for Grade-10, as no topics or exercise questions have been deleted in these subjects.

(SAADIA SARDAR)
Director (Curriculum & Compliance)

CC:

1. PSO to the Minister, Government of the Punjab, School Education Department
2. PS to the Vice Chairperson, PECTAA / Parliamentary Secretary for School Education
3. PS to the Chairperson, Chief Minister Task Force for Examination & Assessment
4. PS to the Secretary, Government of the Punjab, School Education Department
5. PS to the Secretary, Government of the Punjab, Higher Education Department
6. PS to the Special Secretary, Government of the Punjab, SED
7. Staff Officer to the Chief Executive Officer, PECTAA
8. PS to all Managing Directors, PECTAA
9. PA to the Secretary, Punjab Boards Committee of Chairpersons (PBCC)
10. PS to the Chairperson, BISE / PBTE (Lahore, Gujranwala, Rawalpindi, Sargodha, Faisalabad, Sahiwal, Multan, Dera Ghazi Khan and Bahawalpur)
11. PA to all Directors, PECTAA
12. PS to the Programme Director, PMIU
13. PS to Managing Director, Punjab Education Foundation
14. PS to the Chief Executive Officer, Punjab Education Initiatives Management Authority
15. PS to the Managing Director, Punjab Daanish Schools & Centres of Excellence Authority
16. PS to the DPI (Colleges / Secondary Education), Punjab
17. PS to the DPI (Colleges / Secondary Education), South Punjab, Multan
18. PS to all Chief Executive Officers (Education), District Education Authorities, Punjab
19. Director (IT), PECTAA for uploading the Notification and the Revised Smart Syllabus on website.
20. Office File

Revised Smart Syllabus / Accelerated Learning Programme (ALP) Physics Grade-10 for Academic Session 2026-27 & BISE Exam-2027

Chapter No.	Chapter Name	Topics	Page No.	Exercise
10	Thermal Physics	10.2: Specific heat capacity 10.4: Evaporation 10.6: Superconductivity	7-9 10-12 15,16	MCQs: 10.3, 10.4, 10.5 Short answer question: 10.4 CRQs: 10.2, 10.3 Comprehensive Question: 10.5 Numerical Problems: 10.5, 10.6
11	Transfer of Thermal Energy	11.3: Heat transfer through radiation	25 - 28	MCQs: 11.4, 11.5, 11.7 Short answer questions: 11.1 (Radiation is excluded), 11.6, 11.7 CRQs: 11.1, 11.2, 11.5 Comprehensive Questions: 11.2, 11.4
12	Waves	12.4: Properties of waves 12.5: Seismic and Tsunami waves	39 – 41 41 – 43	MCQs: 12.6, 12.7, 12.8 Short answer question: 12.7 CRQs: 12.1, 12.4, 12.5 Comprehensive Questions: 12.4, 12.5 Numerical Problems: 12.5, 12.6
13	Sound	13.4: Reflection of sound (Echo) Example 13.2 13.5: Refraction and diffraction of sound 13.7: Acoustic protection of buildings	53,54 55 55, 56 59	MCQs: 13.2, 13.6 Short answer questions: 13.2, 13.4 CRQs: 13.3, 13.5, 13.6 Comprehensive Questions: 13.4, 13.5 Numerical Problems: 13.5, 13.6
14	Light	• Refraction through prism • Total internal reflection Example 14.3	69 69 – 72 72, 73	MCQs: 14.2, 14.3, 14.5, 14.6 Short answer question: 14.3 CRQs: 14.2, 14.3, 14.4, 14.5 Comprehensive Questions: 14.2, 14.3, 14.4

Chapter No.	Chapter Name	Topics	Page No.	Exercise
		14.3: Optical fiber 14.5: Optical devices 14.7: Gravitational lens and acoustic lens 14.8: Dispersion of light by prism	73, 74 80, 81 83, 84 84, 85	Numerical Problems: 14.2, 14.5, 14.6
15	Electrostatics	15.3: Applications of electrostatics 15.6: Conduction of electric charges 15.7: Accumulation of charges	93-95 98, 99 99-101	MCQs: 15.1, 15.2, 15.5 Short answer questions: 15.3, 15.4, 15.6, 15.7 CRQs: 15.3, 15.5 Comprehensive Questions: 15.4, 15.5 Numerical Problems: 15.5, 15.7
16	Electricity	16.4: Combination of resistances Example 16.2 16.7: Resistor colour codes 16.8: Common use of electricity 16.10: Household circuits and safety measures	113, 114 114, 115 117-119 119 121-123	MCQs: 16.6 Short answer question: 16.5 CRQs: 16.3, 16.4, 16.5 Comprehensive Question: 16.4 Numerical Problems: 16.2, 16.3
17	Electromagnetism	17.4: Electric motor 17.5: Use of magnetic effects of current	132,133 133-135	MCQs: 17.2, 17.3 Short answer questions: 17.3, 17.5 CRQs: 17.2, 17.3
18	Electromagnetic Induction and Electromagnetic Waves	18.2: A.C. Generator 18.4: Deflection of electron beam in electric and magnetic fields	143, 144 146, 147	MCQs: 18.2, 18.3 Short answer questions: 18.2, 18.3, 18.4 CRQs: 18.3 Comprehensive Questions: 18.3, 18.4, 18.5

Chapter No.	Chapter Name	Topics	Page No.	Exercise
		18.5: Waveform on oscilloscope 18.6: Scattering of light in the atmosphere	147, 148 149	Numerical Problems: 18.2, 18.5
19	Electronics	19.2: Analog and digital electronics 19.3: Boolean logic 19.5: Applications of logic gates	158, 159 159, 160 163, 164	MCQs: 19.5 Short answer questions: 19.5, 19.6, 19.7, 19.8, 19.9 CRQs: 19.3, 19.4, 19.5 Comprehensive Questions: 19.3, 19.6
20	Atomic and Nuclear Physics	20.1: Atomic structure 20.2: Atomic Nucleus Example: 20.1 20.3: Isotopes 20.5: Radioactive decay Example 20.2 20.9: Effects and uses of nuclear radiation	168, 169 169, 170 170 170, 171 173, 174 174, 175 181-183	MCQs: 20.1, 20.2, 20.7, 20.8 Short answer questions: 20.1, 20.2, 20.8 CRQs: 20.1, 20.3, 20.4 Comprehensive Questions: 20.1, 20.3, 20.4 Numerical Problems: 20.1, 20.3, 20.4, 20.7
21	Space and Environment	21.1: Sun and planetary data	187-190	MCQs: 21.1, 21.2, 21.3, 21.5 Short answer questions: 21.1, 21.2, 21.6, 21.7 CRQs: 21.1, 21.2, 21.3 Comprehensive Questions: 21.1, 21.2, 21.3

List of Excluded Practicals of Physics-9 For Academic Session 2026-2027

- Find the value of *g* by free fall method.
- Investigate the relation between force of limiting friction and normal reaction.
- Find the weight of an unknown object by using principle of moments.
- Find the density of a solid using a measuring cylinder.
- Study the relationship between load and extension (Helical Spring) by drawing a graph.

List of Excluded Practicals of Physics-10 For Academic Session 2026-2027

- Determine the critical angle of glass using a semicircular slab and a light ray box or a laser light.
- Trace the path of a ray of light through a glass prism and measure the angle of deviation.
- Study resistors in a series circuit.
- Study resistors in a parallel circuit.
- Set up a burglar alarm using a NAND gate.
- Make a fire alarm using a NOT gate.
- Find the specific heat of a given solid by the method of mixture using polystyrene cup (as container of negligible heat capacity).
- Draw a graph between temperature and time when ice is converted into water and then to steam by slow heating.

SESSION 2027

10th Class Physics Pairing Scheme
دہم کلاس فزکس پیئرنگ سکیم

TOTAL MARKS • کل نمبر	TIME ALLOWED • امتحانی وقت	ACADEMIC GROUP • تعلیمی گروپ	PASSING MARKS • پاسنگ نمبر
60 Marks	2 Hours	Science Group	24 Marks (40%)

Section A: MCQs • حصہ اول: معروضی سوالات
12 MCQs = 12 Marks

CHAPTER #	MCQs	CHAPTER #	MCQs	CHAPTER #	MCQs
Chapter 10	1	Chapter 14	1	Chapter 18	1
Chapter 11	1	Chapter 15	1	Chapter 19	1
Chapter 12	1	Chapter 16	1	Chapter 20	1
Chapter 13	1	Chapter 17	1	Chapter 21	1

Section B: Short Questions • حصہ دوم: مختصر سوالات
30 Marks

Q.2 (Attempt any 5 out of 8)		Q.3 (Attempt any 5 out of 8)		Q.4 (Attempt any 5 out of 8)	
CHAPTER	NO. OF Qs	CHAPTER	NO. OF Qs	CHAPTER	NO. OF Qs
Chapter 10	2	Chapter 14	2	Chapter 18	2
Chapter 11	2	Chapter 15	2	Chapter 19	2
Chapter 12	2	Chapter 16	2	Chapter 20	2
Chapter 13	2	Chapter 17	2	Chapter 21	2

Section C: Long Questions • حصہ سوم: تفصیلی سوالات
18 Marks

Q.5 (9 Marks)		Q.6 (9 Marks)		Q.7 (9 Marks)	
(a) Theory 4 Marks	(b) Numerical 5 Marks	(a) Theory 5 Marks	(b) Numerical 4 Marks	(a) Theory 4 Marks	(b) Numerical 5 Marks
Ch 10 or 11 or 12 or 13	Ch 10 or 11 or 12 or 13	Ch 14 or 15 or 16 or 17	Ch 14 or 15 or 16 or 17	Ch 18 or 19 or 20 or 21	Ch 18 or 19 or 20 or 21

Attempt any 2 questions (9 Marks each: Theory 4M + Numerical 5M from two different chapters in that question's cluster).

SPECIAL EXAM ROADMAP

→ **Turn to Page 2 for Strategic Preparation Guide:** Plan A (Safe Passing 35+ Marks (Zero Risk)) • Plan B (Smart High Scorer 55+ Marks (Top Rank))
امتحانی حکمت عملی، 100 فیصد محفوظ پاسنگ فارمولا (Marks (Zero Risk)+35) اور سمارٹ ٹاپر گائیڈ کے لیے صفحہ نمبر 2 ملاحظہ فرمائیں۔
PAGE 2 →

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دہم فزکس سمارٹ امتحانی روڈمیپ

PLAN A — Safe Passing Formula (100% Pass) — 35+ Marks (Zero Risk)

Question امتحانی سیکشن	Target Chapters مجوّزہ ابواب	Marks حاصل کردہ نمبر
Q.1: MCQs	تمام 12 ابواب	9 سے 12 نمبر
Q.2: Short Questions	چیپٹر 10، 12، 13	10 نمبر (مکمل)
Q.3: Short Questions	چیپٹر 14+16	8 نمبر
Q.5: Long Question	چیپٹر 12+13	9 نمبر (مکمل)
Q.6: Long Question	چیپٹر 14+16	9 نمبر (مکمل)
کل تیار شدہ پرچہ	صرف 5 ابواب کی مکمل تیاری: چیپٹر 10، 12، 13، 14، 16	45 سے 48 نمبر

PLAN B — Smart High Scorer (Top Rank Strategy) — 55+ Marks (Top Rank)

Question امتحانی سیکشن	Target Chapters مجوّزہ ابواب	Marks حاصل کردہ نمبر
Q.1: MCQs	تمام 12 ابواب	12 نمبر (مکمل)
Q.2: Short Questions	چیپٹر 10، 12، 13	10 نمبر (مکمل)
Q.3: Short Questions	چیپٹر 14، 15، 16	10 نمبر (مکمل)
Q.4: Short Questions	چیپٹر 19، 20، 21	10 نمبر (مکمل)
Q.5: Long Question	چیپٹر 12+13	9 نمبر (مکمل)
Q.6: Long Question	چیپٹر 14+16	9 نمبر (مکمل)
کل ممکنہ نمبر	لانگ 4 ابواب: 12، 13، 14، 16 • صرف شارٹ: 10، 15، 19، 20، 21	58 سے 60 نمبر

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