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)
Mathematics Grade-10
for Academic Session 2026-27 & BISE Exam-2027

Name of the Unit	Excluded Content & Questions of Mathematics-10
1 Complex Numbers	• 1.3.3 Properties of Complex Conjugate (Properties 1 to 4 with proofs), Examples 11 to 14; Pages # 11 to 13. • 1.4.1 Properties of Modulus of a Complex Number (Properties 1 to 3 with proofs), Examples 15 & 16; Pages # 14 to 16. • Exercise # 1.3: Q # 2, 3 & 4; Page # 16. • 1.6 Solution of Simultaneous Linear Equations with Complex Coefficients, Example 21; Page # 19. • Exercise # 1.4: Q # 2 (Complete); Page # 20. • Review Exercise # 1: Q # 5 & 8; Page # 21.
2 Quadratic Equations and Inequalities	• 2.1.1 (d) Solution of quadratic equation by graphs, Example 5. Pages # 27 to 28. • Exercise # 2.1: Q # 5 page # 29 • 2.2.3 Finding Points of Intersection of a Linear Function and a Quadratic Function Graphically, Example 8; Page # 31. • Exercise # 2.2: Q # 3; Page # 32. • Examples # 12 & 13; Pages # 35 to 36. • Exercise # 2.3: Q # 4, 8 & 9; Page # 36. • 2.5 Solution of Quadratic Inequalities in One Unknown, Examples 16 & 17; Pages # 39 to 41. • Exercise # 2.5 (Complete); Page # 41. • 2.7 Applications of Quadratic Equation in Real World, Examples 19 to 21; Pages # 43 to 45. • Exercise # 2.7 (Complete); Page # 45.
3 Matrices and Determinants	• 3.4.2 Associative Law of Multiplication of Matrices and 3.4.3 Distributive Laws of Multiplication over Addition and Subtraction; Pages # 62 to 64. • Exercise # 3.4: Q # 2 (ii, iii & v); Page # 65. • Challenge ($(AB)^{-1} = B^{-1}A^{-1}$); Page # 67. • Exercise # 3.5: Q # 8; Page # 70. • 3.7 Applications of Matrices in Real World Problems, Examples 12 & 13; Pages # 75 to 77. • 3.8 The Role of Mathematics in Scientific Theories and Technological Advancement; Page # 77. • Exercise # 3.6: Q # 3 to 9; Pages # 78 to 79. • Review Exercise # 3: Q # 3 (iii, iv, v & viii), Q # 6, 7 & 8; Page # 80.

Name of the Unit	Excluded Content & Questions of Mathematics-10
4 Functions and Graphs	• 4.5 Solving Real life Problems Involving Functions, Example # 15, 16; Pages # 92, 93. • 4.6 Solving Real life Problems Involving Absolute Valued Function, Examples 17 to 18; Page # 93. • Exercise # 4.3: Complete; Page # 94 • Review Exercise # 4: Q # 9 to 11; Page # 96.
5 Algebraic Fractions	• 5.3 Type (ii) Exponential Equations, Type (iii) Reciprocal Equations and Type (iv) $(x + a)(x + b)(x + c)(x + d) = k$, Examples 11 to 13; Pages # 103 to 106. • Exercise # 5.4: Q # 1 (iv to xii); Pages # 106 to 107. • 5.4 Real World Problems Example # 14 &15; Pages # 107 to 108. • Exercise # 5.5 (Complete); Pages # 108 to 109. • Review Exercise # 5: Q # 1 (vii, viii), Q # 4 (iii to vii), Q# 5, 6 & 7; Page # 110.
6 Vectors in Plane	• 6.6 Translation by Vector: Example 9; Pages 119 to 120. • 6.7 Solution and Application of Geometric Problems Involving Vectors, Examples 10 to 13; Pages # 120 to 122. • Exercise # 6.3: (Complete); Pages # 122 to 123. • Review Exercise # 6: Q # 1 (vii), Q # 6, 7, 8, 9 & 10; Page # 124.
7 Trigonometry	• 7.3 Solve Simple Trigonometric Problems in Three Dimensions, Examples 8 & 9; Pages # 134 to 135. • Exercise # 7.3: Q # 1 to 5; Pages # 136 to 137. • 7.5 Three Figure Bearing — Example 12, 13 & 14; Pages # 138 to 139. • Exercise # 7.4: (Complete); Page # 139, 140. • Review Exercise # 7: Q # 1 (ix, x), Q # 4, 5, 6 & 7; Page # 142.
8 Chords and Arcs of a Circle	• 8.1.6 to 8.1.9 Theorems on Congruent Arcs, Chords and Central Angles, Examples 8 to 11; Pages # 151 to 152. • Exercise # 8.2 (Complete); Page # 153. • Review Exercise # 8: Q # 4 to 8; Page # 154.
9 Tangent and Angles of a Circle	• Exercise # 9.1: Q # 4, 5, 9 & 10; Pages # 160. • Exercise # 9.2: Q # 4, 5, 6 & 7; Page # 165. • Review Exercise # 9: Q # 4, 5, 6 & 7; Pages # 166 to 167.
10 Practical Geometry of Circles	• 10.1.4 Complete a Circle without Finding its Centre when a part of its circumference (Arc) is given; Pages # 170 to 171. • Exercise # 10.1: Q # 4 & 7; Page # 171. • Exercise # 10.2: Q # 1, 2, 3 & 4; Page # 174. • Review Exercise # 10: Q # 5 & 6; Page # 175.

Name of the Unit	Excluded Content & Questions of Mathematics-10
11 Information Handling	• 11.1.1 Cumulative Frequency Polygon or Ogive and 11.1.2 Steps for Construction of Ogive; Page # 178. • Examples # 2 & 3; Pages # 179 to 181. • Exercise # 11.1: Q # 1, 2, 3, 5, 8 & 9; Page # 186 to 187. • Variance and Standard Deviation for Grouped Data, Example 11; Page # 191. • Exercise # 11.2: Q # 6, 7 & 10 and Q # 13 (ii & iii); Pages # 193 to 194. • Review Exercise # 11: Q # 2, 4, 6 & 9; Pages # 194 to 195.
12 Probability	• 12.2 (i) Addition Law for Non-Mutually Exclusive Events, Examples 8 & 10; Pages # 205 to 207. • Exercise # 12.2: Q # 1, 2, 7, 9, 13 & 14; Pages # 207 to 208. • 12.3 Multiplication Law of Probability (Independent Events, Dependent Events and Conditional Probability), Examples 11 to 13; Pages # 208 to 209. • Exercise # 12.3 (Complete); Page # 210. • Review Exercise # 12: Q # 3, 4, 5 & 6; Page # 211.

SESSION 2027

10th Class Mathematics (Science) Pairing Scheme
دہم کلاس ریاضی پیئرنگ سکیم

TOTAL MARKS • کل نمبر	TIME ALLOWED • امتحانی وقت	ACADEMIC GROUP • تعلیمی گروپ	PASSING MARKS • پاسنگ نمبر
75 Marks	2 Hours 30 Min	Science Group	30 Marks (40%)

Section A: MCQs • حصہ اول: معروضی سوالات
15 MCQs = 15 Marks

CHAPTER #	MCQs	CHAPTER #	MCQs	CHAPTER #	MCQs
Chapter 1	1	Chapter 5	1	Chapter 9	2
Chapter 2	1	Chapter 6	1	Chapter 10	1
Chapter 3	1	Chapter 7	1	Chapter 11	2
Chapter 4	1	Chapter 8	1	Chapter 12	2

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

Q.2 (Attempt any 6 out of 9)		Q.3 (Attempt any 6 out of 9)		Q.4 (Attempt any 6 out of 9)	
CHAPTER	NO. OF Qs	CHAPTER	NO. OF Qs	CHAPTER	NO. OF Qs
Chapter 1	2	Chapter 5	2	Chapter 9	3
Chapter 2	3	Chapter 6	2	Chapter 10	2
Chapter 3	2	Chapter 7	2	Chapter 11	2
Chapter 4	2	Chapter 8	3	Chapter 12	2

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

QUESTION #	PART (a) — CHAPTER / TOPIC	PART (b) — CHAPTER / TOPIC
Q.5 (Part II)	Ch 1: Complex Numbers (4M)	Ch 2: Quadratic Equations (4M)
Q.6 (Part II)	Ch 3: Matrices & Determinants (4M)	Ch 4: Functions (4M)
Q.7 (Part II)	Ch 5: Algebraic Fractions (4M)	Ch 7: Trigonometry (4M)
Q.8 (Part III)	Ch 6: Vectors (4M)	Ch 8: Circles OR Ch 11: Information Handling (4M)
Q.9 (Part III)	Ch 10: Practical Geometry - Circles (4M)	Ch 9: Tangents OR Ch 12: Probability (4M)

Attempt 3 questions (8 Marks each: 4M Part a + 4M Part b). Attempt 2 from Part II (Q.5–Q.7) and 1 from Part III (Q.8–Q.9).

SPECIAL EXAM ROADMAP

→ Turn to Page 2 for Strategic Preparation Guide: Plan A (Safe Passing 41+ Marks (Zero Risk)) • Plan B (Smart High Scorer 70+ Marks (Top Rank))
امتحانی حکمت عملی، 100 فیصد محفوظ پاسنگ فارمولا (Marks (Zero Risk)+41) اور سمارٹ ہائی گائیڈ کے لیے صفحہ نمبر 2 ملاحظہ فرمائیں۔
PAGE 2 →

© 2027 Thinkerzz · 10th Mathematics (Science) Smart Syllabus 2027 · Official PECTAA Revised Notification
WhatsApp Channel

دہم ریاضی سمارٹ امتحانی روڈمیپ

PLAN A — Safe Passing Formula (100% Pass) — 41+ Marks (Zero Risk)

Question امتحانی سیکشن	Target Chapters مجوّزہ ابواب	Marks حاصل کردہ نمبر
Q.1: MCQs	تمام 12 ابواب	12 سے 15 نمبر
Q.2: Short Questions	چیپٹر 1، 2، 3، 4	12 نمبر (مکمل)
Q.3: Short Questions	چیپٹر 6	4 نمبر
Q.5: Long Question	چیپٹر 1+2	8 نمبر (مکمل)
Q.6: Long Question	چیپٹر 3+4	8 نمبر (مکمل)
Q.8: Long Question	چیپٹر 6	4 نمبر
کل تیار شدہ پرچہ	صرف 5 ابواب کی مکمل تیاری: چیپٹر 1، 2، 3، 4، 6	48 سے 51 نمبر

PLAN B — Smart High Scorer (Top Rank Strategy) — 70+ Marks (Top Rank)

Question امتحانی سیکشن	Target Chapters مجوّزہ ابواب	Marks حاصل کردہ نمبر
Q.1: MCQs	تمام 12 ابواب	14 سے 15 نمبر
Q.2: Short Questions	چیپٹر 1، 2، 3، 4	12 نمبر (مکمل)
Q.3: Short Questions	چیپٹر 5، 6، 8	12 نمبر (مکمل)
Q.4: Short Questions	چیپٹر 9، 11، 12	12 نمبر (مکمل)
Q.5: Long Question	چیپٹر 1+2	8 نمبر (مکمل)
Q.6: Long Question	چیپٹر 3+4	8 نمبر (مکمل)
Q.8: Long Question	چیپٹر 6+8	8 نمبر (مکمل)
کل ممکنہ نمبر	لانگ 6 ابواب: 1 تا 4، 6، 8 • صرف شارٹ: 5، 9، 11، 12	74 سے 75 نمبر

BISE Lahore • BISE Rawalpindi • BISE Gujranwala • BISE Faisalabad • BISE Multan • BISE Sahiwal • BISE Sargodha • BISE Bahawalpur • BISE D.G. Khan

© 2027 Thinkerzz • Free authentic study resource.
Visit thinkerzz.com • WhatsApp Channel