Final Exam Syllabus, 2023-24
Grade IX (O Level Section)

English:

P1: Reading
1. Reading Comprehension
2. Summary Task
3. Short Response Task
4. Use of Language

P2: Writing
1. Directed Writing: Formal and Informal Letters
2. Email Writing
3. Narrative Writing
4. Composition: Descriptive Writing (Revision)

Computer:
1. Data Representation
2. Algorithm design and problem solving Till 7.7
3. Computer Architecture
4. Input and Output Devices including Sensors
5. Loops and ALL Data Structures

Chemistry:
1. Atomic Structure
2. Chemical Bonding
3. Isotopes
4. Arrangement of Elements
5. Solid, Liquid and Gases
6. Chemical Formulae
7. Experimental Design
8. Chromatography
9. Separation and Purification
10. Identification of Ions and Gases
11. The Periodic Table

Biology:
1. Cells
2. Movement of Molecules
3. Enzyme
4. Biological Molecules
5. Plant Nutrition
6. Transport in Flowering Plants
7. Human Gas Exchange
8. Respiration
9. Food Test
10. Magnification
11. Drawings
12. Classification

Physics:
1. Turning Effect of Forces
2. Elastic Deformation
3. Centre of Gravity
4. Energy, Work and Power
5. Pressure
6. K.E model of Matter
7. Thermal Expansion
8. Transfer of Thermal Energy

Economics:
1. The Nature of Economic Problem
2. The factors of Production
3. Opportunity Cost
4. Production Possibility Curve
5. Microeconomics and Macroeconomics
6. Role of the Market in Allocating Resources
7. Economic System
8. Market Failure
9. Costs of Production
10. Growth of Firms

Islamiyat:

P1: 1. Persecution (Grade – VIII Topics)
Pledges of Aqaba (Grade – VIII Topics)
2. Chap. 1 Set Passage from the Holy Quran (Allah's relationship with created world 6-10)
3. Chap. 2 Compilation of the Holy Quran
4. Chap. 3 Life and Importance of our beloved Holy Prophet (May Allah Almighty give him honour and peace): The Battle of Badr, Uhad Trench and Life of Holy Prophet (S.A.W)6 A.H. to Sad Demise
5. Chap. 4 Ten Blessed Companions *(May Allah Almighty be pleased with all of them)
Scribes, Emigrants and Helpers, Daughters and Grandsons.

P2: 1. Chap. 5 Set Hadith # 10, 11 and 16
2. Chap. 6 History and Importance of Hadith. Musnad and Musannaf, Sanad and Matn. Compilation of Hadith.
The Main Compilers of Hadith, The Six Authentic books of Hadith.
3. Chap. 7 Rightly Guided Caliphs: Hazrat Umar's (R.A) Conquest (May Allah Almighty be pleased with him)
4. Chap. 8 Pillars of Islam: Fasting and Zakat

The Environment of Pakistan (Geography):
1. Agriculture
2. Forests
3. Mineral Resources
4. Fishing

The History and Culture of Pakistan (History):
1. The Decline and Fall of the Mughal Empire
2. The Role of Religious Thinkers in Spreading Islam
3. The East India Company and the British Colonial Rule
4. The War of Independence 1857
5. Sir Syed Ahmed Khan
6. 1910 to 1947
7. Jinnah
8. Rehmat Ali
9. Allama Iqbal

Business Studies:
1. Section I   Understanding Business Activity (Complete Chapter 1 to 5)
2. Section II People in Business (Complete Chapter 6 to 9)
3. Section III Chapter 10 The Nature of Marketing

Accounting:
1. Introduction to Accounting
2. Double Entry Bookkeeping
3. Ledgers
4. Balancing of Accounts and Trial Balance
5. Books of Prime (Original) Entries
6. Business (Source) Documents
7. Bank Reconciliation
8. Other Payables and Other Receivables (Accruals and Prepayments)
9. Irrecoverable (Bad) Debts and Provision for Doubtful Debts
10. Financial Statements of Sole-traders (with adjustments)

Additional Mathematics:

1. Chapter 1: Functions
2. Chapter 2: Simultaneous Equations and Quadratics
3. Chapter 4: Factors and Polynomials
4. Chapter 5: Equations, Inequalities, and Graphs Ex:5.1 - 5.5
5. Chapter 6: Logarithms and Exponential Functions Ex: 6.1 - 6.11
6. Chapter 7: Straight Line Graphs Ex:7.1 - 7.7

Global Perspectives:

1. Perspective
2. Research
3. Analysis
4. Synthesis
5. Planning and Research
6. Individual Report (NOT assessed in exam)

Mathematics:

1. Chap # 1: Quadratic Equations (Book – 3)
2. Chap # 3: Linear Inequalities (Book – 3)
3. Chap # 4: Indices, Surds and standard Form (Book – 3)
4. Chap # 3: Approximation and Estimation (Book – 1)
5. Chap # 5: Application of Mathematics in Practical Situations (Book – 3)
6. Chap # 6: Coordinate Geometry (Book – 3) Ex-6A to Ex.6D
7. Chap # 11 : Trigonometrical Ratios (Book – 2) Ex-11A to Ex11D Angles of Elevation and Depression Ex 9A (New Book – 3)
8. Chap # 11 : Congruence and Similarity Tests Ex-11A to Ex.11B (Book – 3)
9. Chap # 12 : Area and Volume of Similar Figures Ex-12A to Ex.12D (Book – 3)
10. Chap # 17 Averages of Statistical Data (Mean Median Mode) (Book – 2) Ex.17-B

اردو:

پرچہ اول

1 تفاہیم (اشتہار، عبارت، کثیرالانتخابی)۔

2 نکات سازی۔

3 خلاصہ نویسی

4 ای میل نویسی۔

پرچہ دوم

1 جملوں میں تبدیلی۔

2 مخفی عبارت۔

3 مضمون نویسی۔

4 ترجمہ نویسی۔