



GOVERNMENT OF SINDH  
SCHOOL EDUCATION & LITERACY DEPARTMENT

Karachi, dated: 16<sup>th</sup>, December 2024.

**NOTIFICATION**

**NO.SO(Curriculum)/SELD/ERC/16/21/REDUCED-SYLLABUS/SSC/2024:** In pursuance of the decision in the meeting of Sub-Committee of Steering committee held on 28<sup>th</sup> November 2024 and with the approval of Competent Authority, the reduced syllabus for SSC Part I&II (Grade IX-X for Science/Humanities group) developed by the Directorate of Curriculum, Assessment & Research, is hereby notified for the academic year 2024-25, Annual Examination 2025.

- i. The **first half of syllabus** shall be taught completely before winter vacation.
- ii. The **second half of the syllabus** to be taught after vacation is **reduced** up to 50%.
- iii. Thus the **75% of whole syllabus** will be taught during academic session 2024-25.

**The reduced syllabus of SSC Part-I&II Science & General Group (Grade-IX-X)** 1. Sindhi (compulsory) -IX & X, 2. Sindhi (Aasan) IX-X, 3. Urdu (compulsory)-X, 4. Urdu (Salees)-X, 5. English IX, 6. English-X, 7. Mathematics IX, 8. Mathematics-X, 9. Pakistan studies-X, 10. Physics IX, 11. Physics-X, 12. Chemistry IX, 13. Chemistry-X, 14. Biology IX, 15. Biology-X, 16. Computer science IX, 17. Computer science-X, 18. Islamiyat IX, 19. Religious studies IX, 20. General Science IX, 21. General Mathematics IX, 22. Geography of Pakistan IX, 23. Economics (Elective) IX, 24. Civics (Elective) IX, 25. Commercial geography (Elective) IX, 26. Physiology & Hygiene (Elective) IX, 27. Computer studies (Elective) IX, 28. Geography (Elective) IX, 29. Food and Nutrition (for girls only) IX, 30. Essentials of Home Economics (Elective) IX, 31. Education IX, 32. Arabic (Elective) IX, 33. Clothing & Textile -ix, 34. Education, Child Development and Family Living . IX, 35. Islamic studies (Elective) IX, 36. Food and Nutrition- IX, 37. Muslim History (Elective) -IX, 38. Islamic Studies (Elective) -IX, 39. Urdu Literature (Elective) -IX, 40. General Science -X, 41. General Mathematics X, 42. Geography of Pakistan -X, 43. Economics (Elective)-X, 44. Civics (Elective)-X, 45. Commercial Geography (Elective)-X, 46. Physiology & Hygiene (Elective)-X, 47. Computer Studies (Elective)-X, 48. Geography (Elective)-X, 49. Education -X, 50. Urdu Literature (Elective) -X, are annexed at Annexure- (A) to Annexure (AX).

The SSC (Part-I&II), Annual Examination 2025 will be conducted from reduced syllabus.

**SECRETARY TO GOVT. OF SINDH**

**NO. SO(Curriculum)/SELD/ERC/16/21/REDUCED-SYLLABUS/SSC/2024/ Karachi, dated; 16<sup>th</sup>, December, 2024.**

**A copy is forwarded for information to:**

1. The Principal Secretary to Governor, Sindh Karachi
2. The Principal Secretary to Chief Minister, Sindh Karachi.
3. The Secretary, College Education Department Government of Sindh.
4. The Secretary, Universities & Boards Department Government of Sindh.
5. The Special/Additional Secretary (All) School Education & Literacy, Department, Govt. of Sindh.
6. The Deputy Secretary (Staff) to Chief Secretary, Sindh, Karachi.
7. The Director General Colleges, Sindh, Karachi.
8. The Members, Steering Committee on Education, Sindh.
9. The Chairman, Board of Intermediate & Secondary Education (All)
10. The Director General Inspection & Registration of Private Educational Institutions, Sindh. Karachi.
11. The Director School Education (Primary/ES&HS) all, for circulation and implementation.
12. The Director, Curriculum, Assessment & Research, Jamshoro.
13. The Additional Director, Teachers Training Institutions, Sindh, Hyderabad.
14. The PS to Minister for Education & Literacy, Sindh.
15. The PS to Secretary, School Education and Literacy Department Government of Sindh.
16. The website SELD.
17. The office file



*Haleem*  
SECTION OFFICER (CURRICULUM)  
For SECRETARY TO GOVERNMENT OF SINDH.



GOVERNMENT OF SINDH  
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Karachi dated the December, 2024

**REDUCED SYLLABUS FOR THE YEAR OF 2024-25**

**Annexure-A**

**English IX**

<b>Unit No.</b>	<b>Unit Name</b>	<b>Page No.</b>
4.1	<b>Reading Comprehension</b> The Great Visionaries	76 to 88
4.2	<b>Listening &amp; Speaking</b> Asking and Responding to Questions of academic nature.	89
4.3	<b>Language Practice</b> Change the voice, Prefixes.	90 to 93
4.4	<b>Writing</b> Application	96
5.1	<b>Reading Comprehension</b> Health Problems Caused by Mosquitoes	109 to 115
5.2	<b>Listening and Speaking</b> Express Satisfaction/ Dissatisfaction (fully and partially) politely.	116 to 117
5.3	<b>Language Practice</b> Narration	121 to 124
6.1	<b>Reading Comprehension</b> The Role of Women in Pakistan's Creation and Development.	131 to 142
6.3	<b>Language Practice</b> Synonyms	144 to 146
6.3	<b>Language Practice</b> Use of Since for	146 to 148
8.3	<b>Language practice</b> Degrees of Adverbs.	189 to 191
8.4	<b>Writing</b> Summarizing a poem	196 to 198



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**Annexure-B**

**English X**

<b>Unit No.</b>	<b>Unit Name</b>	<b>Page No.</b>
5.1	<b>Reading Comprehension</b> A bad dream	99
5.3	<b>Language Practice</b> Modal verbs	108
5.4	<b>Writing</b> Letter to the editor (Revision)	114
6.1	<b>Reading Comprehension</b> Speak gently	118
6.3	<b>Language Practice</b> Transitional devices showing order and reason.	123
7.1	<b>Reading Comprehension</b> My Travel Diary: Journey to the Gorakh Hills Station	135
7.2	<b>Listening and Speaking</b> Polite form to negotiate and develop consensus	144
7.3	<b>Language Practice</b> Revision of prepositions, Type 3 conditional sentences.	145
7.4	<b>Writing</b> Persuasive essay	153
8.1	<b>Reading Comprehension</b> Safety Measures That Can Save Your Life	161
8.3	<b>Language practice</b> Direct & indirect speech: command and request.	174
8.4	<b>Writing</b> Argumentative essay.	179



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**Annexure-C**

**Mathematics IX**

<b>Chapters</b>	<b>Condensed Course Topics &amp; Exercises</b>	
<b>9: Congruent Triangles</b>	<b>1. Congruent triangles 2. Related theorems</b>	Ex: 9.1 & 9.2
<b>10: Parallelograms and triangles</b>	<b>1. Parallelogram and Triangles 2. Related Theorem</b>	Ex: 10.1, 10.2 & 10.5
<b>11: Line bisectors and angles bisectors</b>	<b>1. Bisector of line 2. Right bisector of line 3. Bisector of angles 4. Related theorems</b>	Ex: 11.2 & 11.3
<b>12: Sides and angles of a triangle</b>	<b>1. Sides and angles of a triangles 2. Related theorem</b>	Ex: 12.1
<b>13: Practical geometry- Triangles</b>	<b>1. Constructions of triangles 2. Draw angles bisector, Altitudes, Perpendicular bisectors and medians</b>	Ex: 13.1 & 13.2
<b>14: Theorems related with area</b>	Excluded	
<b>15: Projection of a side of a triangle</b>	<b>1. Projection of a side of a triangle 2. Related theorem</b>	Ex: 15.2
<b>16: Introduction to coordinate geometry/analytical geometry</b>	<b>1. Collinear Points 2. Distance formula to find triangles. 3. Midpoint</b>	Ex: 16.2 & 16.3



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**REDUCED SYLLABUS FOR THE YEAR OF 2024-25**

**Annexure-D**

**Mathematics X**

<b>Chapters</b>	<b>Condensed Course Topics &amp; Exercises</b>	
<b>24. Ratio &amp; Proportion</b>	<b>1. Ratio &amp; proportion 2. Related theorems</b>	Ex: 24.2
<b>25. Chords of a circle</b>	<b>1. Chord of a circle 2. Related theorems</b>	Ex: 25.3
<b>26. Tangent of a circle</b>	<b>1. Tangents to a circle 2. Related Theorems</b>	Ex: 26.2 & 26.3
<b>27. Chord &amp; Arcs</b>	<b>1. Congruent circles</b>	Ex: 27.1
<b>28. Angle in a segment of a circle</b>	Excluded	
<b>29. Practical Geometry - Circles</b>	<b>1. Construction of circles</b>	Ex: 29.2 & 29.4
<b>30. Introduction to Trigonometry</b>	<b>1. Trigonometric Ratios 2. Trigonometric Identities 3. Angle of Elevation and Depression</b>	Ex: 30.3, 30.4 & 30.5



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**REDUCED SYLLABUS FOR THE YEAR OF 2024-25**

**Annexure-E**

**Pakistan Studies X**

<b>Chapter</b>	<b>Condensed Course Topics</b>	<b>Exercises</b>
<b>7. The Population of Pakistan</b>	<b>1. number one demography 2. Population size number 3. Urban and rural population 4. Growth of population and immigration</b>	A, B
<b>8. Culture of Pakistan</b>	1. languages of Pakistan 2. importance of national language national unity number 3. common culture manifestation in the national life	A,B
<b>9. Education in Pakistan</b>	<b>1. Importance of education for development with particular reference to Pakistan education policy 2. Formal education system 3. Scheme of studies 4. Curriculum development</b>	A,B
<b>10. Pakistan - A Welfare State</b>	<b>1. Islamic perspective of a welfare state 2. National goals of Pakistan 3. Need for sustained constructive efforts</b>	
<b>11. The Civic Life in Pakistan</b>	<b>1. Democratic government 2. Democracy is freedom of expression 3. Function of democratic government 4. Rights and duties of citizen 5. Duties are obligation of citizen</b>	
<b>12. Protection of Human Rights</b>	<b>1. Human rights 2. Obligation of citizens of Pakistan 3. Universal declaration of human heights (UDHR) 4. Developing and understanding of the human diets at the national and international level</b>	
<b>13. Protection of Citizen's Rights and the Role of Institutions</b>	1. Role of Ombudsman 2. Way of filling complaint 3. Human rights department government of Sindh	



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**REDUCED SYLLABUS FOR THE YEAR OF 2024-25**

**Annexure-F**

**Physics IX**

<b>S.No</b>	<b>Units</b>	<b>Selected Unit/ Topics</b>
1	Physical Quantities and measurement	<b>Full Unit</b>
2	Kinematics	<b>Full Unit</b>
3	Dynamics	<b>Full Unit</b>
4	Turning Effects of Forces	<b>Full Unit</b>
5	Forces and Matter	<b>1. Hooke's Law 2. Pressure</b>
6	Gravitation	<b>1. Newton's Law of Gravitation 2. Weight 3. Mass of Earth</b>
7	Properties of Matter	<b>1. Forces and Kinetic Theory 2. Gases and the Kinetic Theory</b>
8	Energy Sources and Transfer of Energy	<b>1. Work 2. Energy Forms 3. Conversation of Energy 4. Power</b>
9	Thermal Properties of Matter	<b>1. Heat and Temperature 2. Specific Heat Capacity 3. Heat of fusion and heat of Vaporization</b>



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**REDUCED SYLLABUS FOR THE YEAR OF 2024-25**

**Annexure-G**

**Physics X**

<b>S.No</b>	<b>Units</b>	<b>Topics</b>
10	General Waves Properties	<b>Full Unit</b>
11	Sound	<b>Full Unit</b>
12	Electromagnetic Spectrum	<b>Full Unit</b>
13	Geometrical Optic	<b>Full Unit</b>
14	Electrostatics	<b>Full Unit</b>
15	Current electricity	<b>1. Electric Current 2. Electromotive force 3. Ohm's Law 4. Series and Parallel combinations of Resistors in a Circuit 5. Electric Power and Joule's Law</b>
16	Electromagnetism	<b>1. Magnetic effect of a steady current 2. Force on current carrying conductor in a magnetic field 3. A.C generator 4. Transformer</b>
17	Introductory Electronics	<b>1. Difference between Analogue and Digital Electronics 2. Deflection of Electron by Electric field 3. Deflection of Electron by magnetic field 4. Analog and Digital Electronic 5. Logic Gates</b>
18	Information and Communication Technology ICT	<b>1. Components of Computer based Information System (CBIS) 2. Flow of information 3. Transmission of light signals through optical fibers 4. Word processing, Data Management and Control</b>
19	Atomic Structure	<b>1. Atom and Atomic Nucleus 2. Elements and Isotopes</b>
20	Nuclear Structure	<b>1. Natural Radioactivity 2. Background Radiation 3. Fission and Fusion</b>





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**REDUCED SYLLABUS FOR THE YEAR OF 2024-25**

**Annexure-H**

**Chemistry IX**

<b>Chapters</b>	<b>Condensed Topics</b>
<b>5: Physical states of matter</b>	<b>1. Gaseous state, Liquid state, Solid state. 2. Laws related to gaseous. 3. Allotropy</b>
<b>6: Solutions</b>	<b>1. Saturated, Unsaturated and super saturated solutions and dilute solutions. 2. Solubility and concentrations of solutions with units 3. Comparison of solutions, suspension and colloids</b>
<b>7: Electrochemistry</b>	<b>1. Oxidation and reduction  2. Electrochemical cells  3. Alloy formation</b>
<b>8: Chemical reactivity</b>	<b>1. Metals  2. Non metals</b>



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**Annexure-I**

**Chemistry X**

**Note: From Chapter 1 to 4, all the concepts will be included in Final Exam. However, from Chapter 5 onwards, the exam of only following concepts/ exercises will be conducted.**

<b>Chapters</b>	<b>Condensed Topics</b>
<b>5: Environmental Chemistry-I (The Atmosphere)</b>	<b>1. Composition of atmosphere 2. Pollutants, acid rain and its effects. 3. Green house effects.</b>
<b>6: Environmental Chemistry-II (Water)</b>	<b>1. Soft and hard water 2. Water pollutants and water born disease</b>
<b>7: Analytical Chemistry</b>	<b>1. Qualitative and quantitative analysis 2. Advanced instrumental methods.</b>
<b>8: Industrial Chemistry</b>	<b>1. Preparation of soap, and soft drinks. 2. Petroleum industry 3. Pharmaceutical Industry.</b>



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**REDUCED SYLLABUS FOR THE YEAR OF 2024-25**

**Annexure-J**

**Biology IX**

		<b>Chapters</b>	<b>Condensed Topics</b>
<b>First half syllabus</b>	1	Introduction to biology	<ul style="list-style-type: none"><li>• Divisions and branches of biology.</li><li>• Relation of biology to other sciences.</li></ul>
	2	Solving a biological problem	<ul style="list-style-type: none"><li>• Biological method.</li></ul>
	3	Biodiversity	<ul style="list-style-type: none"><li>• Definition and introduction of biodiversity.</li><li>• Aims and principles of classification.</li><li>• History of classification.</li><li>• The five kingdoms</li><li>• Binomial nomenclature.</li><li>• Conservation of biodiversity.</li></ul>
	4	Cells and tissues	<ul style="list-style-type: none"><li>• Microscopy and the emergence of cell theory.</li><li>• Cellular structures and functions.</li><li>• Passage of molecules into and out of cells.</li><li>• Tissues (types of plant tissues and types of animal tissues)</li></ul>
<b>Second half reduce syllabus</b>	5	Cell cycle	<ul style="list-style-type: none"><li>• Chromosomes structure and functions.</li><li>• Cell cycle (interphase and division).</li><li>• Mitosis.</li><li>• Necrosis and apoptosis.</li><li>• Meiosis.</li></ul>
	6	Nutrition	<ul style="list-style-type: none"><li>• Nutrition in plants.</li><li>• Nutrition in man.</li><li>• Digestion in man.</li></ul>
	7	Transport	<ul style="list-style-type: none"><li>• Transport in animals.</li><li>• Transport in plants.</li><li>• Transport in man.</li><li>• Human heart.</li><li>• Blood vessels.</li></ul>



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**Annexure-K**

**Biology X**

		<b>Chapters</b>	<b>Condensed Topics</b>
<b>First half syllabus</b>	1	Gaseous exchange	<ul style="list-style-type: none"><li>• <b>Introduction</b></li><li>• <b>Gaseous exchange in animals.</b></li><li>• <b>Gaseous exchange in plants.</b></li><li>• <b>Gaseous exchange in man.</b></li><li>• <b>Effect of smoking.</b></li></ul>
	2	Homeostasis	<ul style="list-style-type: none"><li>• <b>Homeostasis in plants.</b></li><li>• <b>Homeostasis in man.</b></li><li>• <b>Homeostasis in animals.</b></li><li>• <b>Urinary system of man.</b></li></ul>
	3	Coordination and Control	<ul style="list-style-type: none"><li>• <b>Types of coordination (nervous and chemical coordination)</b></li><li>• <b>Human nervous system.</b></li><li>• <b>Receptors of man.</b></li><li>• <b>Endocrine system of man</b></li></ul>
	4	Support and movement	<ul style="list-style-type: none"><li>• <b>Concept of movement.</b></li><li>• <b>Concept of support and its requirement.</b></li><li>• <b>Types of skeletons.</b></li><li>• <b>Human skeleton (axial and appendicular skeleton)</b></li><li>• <b>Ball-n-socket and hinge joints.</b></li><li>• <b>Action of antagonistic muscles at a hinge (elbow) joint.</b></li></ul>
<b>Second half reduce syllabus</b>	5	Reproduction	<ul style="list-style-type: none"><li>• <b>Reproduction in plants.</b></li><li>• <b>Asexual reproduction in animals.</b></li><li>• <b>Sexual reproduction in rabbit.</b></li></ul>
	6	Man and his Environment	<ul style="list-style-type: none"><li>• <b>The ecosystem: levels of ecological organization; components.</b></li><li>• <b>Flow of materials and energy in the ecosystem</b></li><li>• <b>Conservation of nature</b></li></ul>
	7	Biotechnology	<ul style="list-style-type: none"><li>• <b>Fermentation and baking industry.</b></li><li>• <b>Genetic engineering.</b></li></ul>



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**REDUCED SYLLABUS FOR THE YEAR OF 2024-25**

**Annexure-L**

**Computer Science IX**

Ch.#	Topic #	Topic
01	1.1, 1.1.1, 1.1.2	Introduction to computer Evolution of computers Classification of computers
01	1.3, 1.3.1, 1.3.2, 1.3.3, 1.3.4	Computer hardware System unit Input devices Output devices Storage devices
01	1.4 1.5 1.5.1 1.5.2	Basic operations of a computer Computer software System software Application software
02	2.1 2.1.1 2.1.2	Introduction of operating system Function of OS Types of interface
02	2.2, 2.2.1 2.2.2 2.2.3 2.2.4	Types of operating system Single user and multi user operating system Batch processing operating system Time sharing operating system Real time processing OS.
02	2.3 2.3.1	Software installation Installing windows operating system.
03	3.1 3.1.1 3.1.2 3.1.3	MS Word Page layout tab Table of contents Typing in Urdu and Sindhi languages
03	3.2 3.2.1 3.2.2 3.2.3 3.2.4	MS Excel 2010 MS Excel user interface Sorting Formulas Charts
04	4.1 4.1.1 4.1.2 4.1.3	Basics of data communication Basic terminologies of data Communication Components of a communication system Properties of a good communication system
04	4.2 4.2.1 4.2.2 4.2.3	Transmission medium Guided media Unguided media Transmission impairments
04	4.3 4.3.1 4.3.2 4.3.3 4.3.4	Communication devices Switch Router Modem Network interface card



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04	4.4 4.4.1 4.4.2	Basics of computer networks Computer network and networking Types of computer networks
04	4.5 4.5.1 4.5.2 4.5.3	Fundamentals of topologies Bus topology Ring topology Star topology
04	4.6 4.6.1 4.6.2 4.6.3	Standard organizations International organization for standardization Institute of electrical and electronic engineering International engineering task force International telecommunication Union American national standards institute
04	4.7 4.7.1 4.7.2	Network architecture ISO's OSI model TCP/ IP model
04	4.8 4.8.1	Network addressing IPV4 Address
05	5.1 5.1.1 5.1.2 5.1.3 5.1.4	Computer security Importance of computer security Cybercrime Computer crime in real life Cyber attack
05	5.2 5.2.1 5.2.2 5.2.3	Malware Different Malware Ways of viruses spread Antivirus
05	5.3 5.3.1	Authentication mechanism Types of security mechanism
06	6.1 6.1.1 6.1.2	Basic terminologies of web development Definition of terms Types of website
06	6.2 6.2.1 6.2.2 6.2.3	Introduction to HTML HyperText Markup Language Steps involved in creating webpage in HTML HTML tags
06	6.3 6.3.1 6.3.2 6.3.3 6.3.4	Designing and formatting Titles and footers Paragraphs and line breaks Headings Text formatting
06	6.4 6.4.1 6.4.2 6.4.3	Creating lists Unordered list Ordered list Description list



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	6.4.4	Nested lists
06	6.5 6.5.2 6.5.3	Images Attributes of image tag Backgrounds
06	6.6 6.6.1	Hyperlinks Definition
06	6.7 6.7.1 6.7.2 6.7.3 6.7.4 6.7.5	Tables Rows and columns Table heading Table data Table attributes Cell attributes
06	6.8 6.8.1	Frames Framesets
06	6.9	Web designing tools
07	7.1 7.1.1 7.1.2	Database Database management system Flat file system Advantages of database management system over the flat file system.
07	7.2	Basic components of DBMS
07	7.3 7.3.1 7.3.2 7.3.3 7.3.4	Data modelling Entity Relationship Referential keys Entity Relationship or ER model



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**Annexure-M**

**Computer Science X**

Unit#	Descriptions	Topics
01	PROBLEM SOLVING AND ALGORITHM DESIGNING	Problem solving Algorithm Flowchart Data structure
02	BASIC OF PROGRAMING IN C++	Computer program Programming environment of C++ C++ programing language Constant and variables
03	INPUT/OUTPUT HANDLING IN C++	Basic structure of C++ Comment statement C++ Operators
04	CONTROL STRUCTURE	Control statements Selections/decision making structure. Iteration/loop.
06	DIGITAL LOGIC AND DESIGN	Data presentation in a computer. Logic gates.
07	INTRODUCTION TO SCRATCH	Scratch Understanding scratch environment.





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**Annexure-N**

**Islamiyat IX**

نمبر	ڪتاب	ڪلاس	نصاب	ڪيفيت
1	اسلاميات	نائون	<p>باب پهريون: قرآن مجيد الف. قرآن مجيد؛ تعارف ۽ فضيلتون ب؛ چونڊ آيتن جو ترجمو ۽ تشريح باب ٻيو: حديث شريف الف؛ حديث ۽ سنت جو تعارف ۽ ان جا عملي زندگي تي اثرات ب؛ چونڊ حديثن جو ترجمو ۽ تشريح باب ٽيون: موضوعاتي مطالعو الف؛ ايمانيات: 1. عقيدہ توحيد 2. عقيدہ رسالت ب؛ عبادات: 1. عبادت جي اهميت ۽ افاديت 2. جهاد</p>	مڪمل ٿيل
2	اسلاميات	نائون	<p>باب ٽيون: موضوعاتي مطالعو ج؛ سيرت طيبه دعوت ۽ تبليغ هجرتِ مدينه ۽ غزوات مناقب صحابه ڪرام ۽ عشره مبشره د : اخلاق ۽ آداب علم جي اهميت ۽ فضيلت اجتماعي عدل باب چوٿون: هدايت جا سرچشما ۽ مشاهير اسلام سيدنا حضرت امام حسين رضي الله عنه حضرت محمد راشد روضي ٽٽي رحمہ الله</p>	اختصار ڪيل نصاب



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Annexure-O

SINDHI (COMPULSORY) GRADE-IX & X

نثر جو پاڻو

نوٽ:

1. ڪلاس نائين ۽ ڏهين درجي جي سنڌي درسي ڪتاب جي نثر جي پاڻي ۾ مضمونن جو اڌ حصو نمبر 1 کان مضمون نمبر 7 تائين مڪمل مشقن سميت پڙهايو ويندو، جڏهن ته باقي رهيل اڌ حصي ۾ هيٺ ڏنل تجويز ڪيل مضمون مشقن سميت پڙهايا ويندا.
2. افسانوي ادب ۾ پهريون اڌ حصو جنهن ۾ پهريون ٻه ڪهاڻيون مڪمل مشقن سميت پڙهايون وينديون. باقي رهيل اڌ حصي مان هيٺ ڏنل تجويز ڪيل هڪ ڪهاڻي ۽ هڪ ناول مشقن سميت پڙهايو ويندو.
3. ڊرامون، آتم ڪهاڻي، سفرنامو، طنزومزح ۽ ادبي خط جو پهريون اڌ حصو يعني ڊرامو ۽ آتم ڪهاڻي مڪمل مشقن سميت پڙهايا ويندا جڏهن ته باقي اڌ حصي ۾ هيٺ ڏنل تجويز ڪيل سفرنامو ۽ ادبي خط مشقن سميت پڙهايا ويندا.

نمبر	عنوان	نمبر
مضمون نمبر 13	ڪڇي جو سير	1.
	(افسانوي ادب ڪهاڻيون ۽ ناول)	2.
ڪهاڻي نمبر 18	سورٺ ۽ راءِ ڏياچ	3.
ناول نمبر 19	اونداهي ڌرتي روشن هٿ	4.
	(سفر نامو)	5.
سفر نامو نمبر 22	سنگار پور ۾ ست ڏينهن	6.
	(ادبي خط)	7.
ادبي خط نمبر 24	چانڊوڪي ۽ مان	8.

(نظم جو پاڻو)

نوٽ: نظم واري پاڻي جو پهريون اڌ حصو يعني نمبر 19 مان 9 شاعرن جي زندگيءَ جو احوال سندن شاعريءَ بابت مشقن سميت مڪمل پڙهايو ويندو جڏهن ته باقي رهيل 10 شاعرن مان هيٺ ڏنل تجويز ڪيل شاعرن ۽ سندن شاعري بابت مشقن سميت پڙهايو ويندو.

نمبر	عنوان	نمبر
(نمبر 33) نظم نمبر 1	عبدالڪريم گدائي	1.
(نمبر 36) ڪافي نمبر 1	مخدوم محمد زمان (طالب الموليٰ)	2.
(نمبر 37) غزل نمبر 1	شيخ اياز	3.
(نمبر 39) غزل نمبر 1	شمشير الحيدري	4.
(نمبر 42) غزل نمبر 1	مريم مجيدي	5.

استادن لاءِ هدايت:

- ❖ استاد ڪورس جو پهريون اڌ حصو ۽ تجويز ڪيل ڪورس مشقن سميت پڙهائين ۽ جائزو وٺندا رهن ته جيئن بهتر نتيجا حاصل ڪري سگهجن.
  - ❖ استاد ٻارن کي گهرو ڪم به ڏين ته جيئن شاگرد ۽ شاگردياتيون پنهنجين صلاحيتن کي بهتر نموني سان اجاگر ڪري سگهن.
  - ❖ ڪورس جي پهرئين اڌ حصي ۽ تجويز ڪيل نثر، نظم ۽ گرامر مان امتحان ورتو وڃي.
- وقت جي گهٽتائيءَ سبب ڪجهه نثر ۽ نظم گهٽ ڪيا ويا آهن



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**Annexure-P**

**SINDHI (ASAN) IX- X**

**نثر جو پاڻو**

ڪلاس نائين ۽ ڏهين جي آسان سنڌي ڪتاب جي نثر واري پاڻي ۾ ڪل 18 سبق آهن جن جو اڌ حصو يعني 9 سبق مڪمل مشقن سميت پڙهايا ويندا جڏهن ته باقي رهيل اڌ حصي جي 9 سبقن مان هيٺ ڏنل تجويز ڪيل سبق مشقن سميت پڙهايا ويندا.

سبق نمبر	عنوان	نمبر شمار
10	بين الاقوامي عدالت	1
11	اجرڪ	2
12	ميرن جي دربار	3
13	ڪينجهر ڀنڊ	4
14	سنڌي ادب جي مختصر تاريخ	5

**نظم جو پاڻو**

ڪلاس نائين ڏهين جي آسان سنڌي ڪتاب ۾ ڪل 8 نظم آهن جن جو اڌ حصو يعني 4 نظم مڪمل مشقن سميت پڙهايا ويندا جڏهن ته باقي رهيل اڌ حصي مان هيٺ ڏنل تجويز ڪيل نظم مشقن سميت پڙهايا ويندا.

نظم نمبر	عنوان	نمبر شمار
24	بڻايون سڪ جو ڪو سنسار (نظم)	1
25	پيارا وطن (نظم)	2

استادن لاءِ هدايت:

1. استاد آسان سنڌي ڪتاب جي نثر ۽ نظم جي پهرئين اڌ حصي ۽ تجويز ڪيل نثر ۽ نظم مشقن سميت پڙهائين ۽ جائزو وٺندا رهن ته جيئن بهتر نتيجا حاصل ڪري سگهجن.
2. استاد ٻارن کي گهرو ڪم به ڏين ته جيئن شاگرد/ شاگردياڻيون پنهنجين صلاحيتن کي بهتر نموني سان اجاگر ڪري سگهن.
3. ڪتاب جي پهرئين اڌ حصي جي نثر نظم ۽ تجويز ڪيل نثر نظم ۽ گرامر مان امتحان ورتو وڃي.
4. وقت جي گهٽتائيءَ سبب ڪجهه نثر ۽ نظم گهٽ ڪيا ويا آهن.



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Annexure-Q

Urdu (Compulsory) X

جماعت وار اختصار کردہ مجوزہ عنوانات  
برائے نویں دسویں جماعت تصورات نصاب اردو کے مطابق  
(حصہ نثر) اسباق

صفحہ نمبر	عنوان	نمبر شمار
<u>ڈراما / مقابلہ</u>		
۷۲	شہید (میرزا ادیب)	6.
۸۳	خاکہ / آپ بیٹی (مولوی عبدالحق) نامع دیو مالی	7.
<u>طنز و مزاح</u>		
۹۹	اُونھ (مرزا فرحت اللہ بیگ)	8.
<u>سفر نامہ</u>		
۱۰۵	کچھ ورق تاریخ سے (حکیم محمد سعید)	9.
<u>مکاتیب</u>		
۱۱۲	بہ نام پر گویاں تفتہ	10.
<u>(حصہ نظم)</u>		
۱۱۸	حمد : خُدا یا نہیں کوئی تیرے سوا (ماخوذ از کُلیات اسماعیل میرٹھی)	11.
۱۲۳	نعت : (خلق کے سرور امیر مینائی)	12.
<u>غزلیات</u>		
۱۶۵	ہر ایک بات پہ کہتے ہو تم کہ "تو کیا ہے" (غالب)	18.
۱۸۳	ہونٹوں پہ کبھی ان کے مرا نام بھی آئے (ادا جعفری)	19.
<p>برائے اساتذہ کرام : تنظیم وقت کی دقتوں کے پیش نظر اساتذہ و طلبہ کی ضروریات کے مطابق تعلیمی سال میں باقی رہ جانے والے اسباق میں سے چند اہم ترین اسباق کو تدریس و تعلّم کے لیے مخصوص کر دیا ہے اس لیے اساتذہ کرام سے گزارش ہے کہ دوران تدریس مشقی سوالات پر خصوصی توجّہ دیجیئے جن میں مہارت پڑھنا، لکھنا، زبان شناسی (قواعد) اور تخلیقی تحریر شامل ہیں۔</p> <p>امتحانی نقطہ نگاہ سے طلبہ کی تیاری کے لیے مضمون نویسی، خلاصہ نگاری، اشعار کی تشریح و توضیح، قواعد کی تعریفیں مع امثال، سبقی اقتباسات کی تشریح و توضیح پر مبنی معروضی و موضوعی سوالات کی بھی مسلسل مشق کروائیے تاکہ نصابی ضرورتوں کی تکمیل کے ساتھ ساتھ امتحانی کامیابی بھی ممکن بنائی جاسکے۔</p>		



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**Annexure-R**

**URDU (SALEES)**

جماعت وار اختصار کردہ مجوزہ عنوانات/ تصورات  
آسان اردو برائے دسویں جماعت

(حصہ نثر)

صفحہ نمبر	مصنف/ شعرا	عنوان	نمبر شمار
۳۵	از: مختار مسعود	قائد اعظم سے پہلی و آخری ملاقات	.5
۳۱	از: آغا محمد اشرف	فضول رسمیں	.6
۳۸	از: علامہ شبلی نعمانی	ایک دل چسپ سفر	.7
۵۱	از: ڈاکٹر اسلم فرخی	ہم سب ایک ہیں	.8
<b>حصہ نظم</b>			
۷۸	از: حفیظ جالندھری	حمد باری تعالیٰ	.9
۸۰	از: بہزاد لکھنوی	نعت شریف	.10
<b>غزلیں</b>			
		خواجہ میر درد	.11
		مرزا غالب	.12
<b>نظمیں</b>			
۸۳	از: علامہ شبلی نعمانی	اہل بیت رسول صلی اللہ علیہ وآلہ واصحابہ وسلم کی زندگی	.13
۸۷	از: علامہ اقبال	حضرت ابوبکر صدیق رضی اللہ عنہ	.14
<p>زبان شناسی / قواعد</p> <ul style="list-style-type: none"><li>○ رموز اوقاف کا درست استعمال کرسکیں۔</li><li>○ عام موضوعات پر سادہ اور مختصر کہانی لکھ سکیں۔</li><li>○ مختلف موضوعات پر تین سے چار پیرا گراف لکھ سکیں جو مربوط اور منظم ہوں۔</li><li>○ مختلف پیشوں سے متعلق اپنے احساسات و خیالات (گیارہ سے پندرہ) جملوں میں تحریر کرسکیں۔</li></ul> <p><b>برائے اساتذہ کرام :</b> تنظیم وقت کی دقتوں کے پیش نظر اساتذہ و طلبہ کی ضروریات کے مطابق تعلیمی سال میں باقی رہ جانے والے اسباق میں سے چند اہم ترین اسباق کو تدریس و تعلم کے لیے مخصوص کر دیا ہے اس لیے اساتذہ کرام سے گزارش ہے کہ دوران تدریس مشقی سوالات پر خصوصی توجہ دیجیئے جن میں مہارت پڑھنا، لکھنا، زبان شناسی (قواعد) اور تخلیقی تحریر شامل ہیں۔</p> <p>امتحانی نقطہ نگاہ سے طلبہ کی تیاری کے لیے مضمون نویسی، خلاصہ نگاری، اشعار کی تشریح و توضیح، قواعد کی تعریفیں مع امثال، سبقی اقتباسات کی تشریح و توضیح پر مبنی معروضی و موضوعی سوالات کی بھی مسلسل مشق کروائیے تاکہ نصابی ضرورتوں کی تکمیل کے ساتھ ساتھ امتحانی کامیابی بھی ممکن بنائی جاسکے۔ ساتھ امتحانی کامیابی بھی ممکن بنائی جاسکے۔</p>			



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**Annexure-S**

**Religious Studies IX**

مڪمل ٿيل	باب پهريون: الف: مذهبن جو تعارف مذهب جي ذاتي ۽ نفسياتي اهميت مذهب جي سماجي ۽ اخلاقي اهميت بحرانن جي حل ڪرڻ ۾ مذهب جو ڪردار گناه ۽ جرم جو تصور باب پهريون: ب: دنيا جا مذهب: جين ٽرم مهاوير باب ٻيو: سماجي ۽ اخلاقي قدر مالڪ حقيقي جي وڏائي مڪيه مذهبن جون عبادت گاهون ۽ عبادت جا طريقا مذهبن ۾ پرهيزگاري، رحمدلي، همدردي ۽ سچائي جو تصور احتساب ۽ انساني ڪردار تي ان جو اثر مذهبي اعتبار سان وقت ۽ ان جي پابندي جي اهميت	نائون	مذهبي تعليمات	1
اختصار ڪيل نصاب	باب ٽيون: سماجي آداب آداب عبادت گاهن جا آداب باب چوٿون: اهم شخصيتون امام غزالي رحمة الله عليه فلورينس نائينگل	نائون	مذهبي تعليمات	2



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**Annexure-T**

**GENERAL SCIENCE IX**

S.#	Chapter	Topics
1	<b>MAN, AND HEALTH</b>	1 Major Components Of Food (4.1.1 To 4.1.6) 4.4 Nervous System Importance Of Exercise For Physical Fitness And Healthy Living First Aid And Its Administration (First Aid For Snake Bite & First Aid For Heart Attack)
2	<b>DISEASES, CAUSES AND PREVENTION</b>	Diseases Disease Causing Organisms --- Viral Diseases Influenza & HIV Aids 5.1.3 Bacterial Disease (Tuberculosis & Typhoid) Diseases Caused By Protozoans (Malaria) Worms Diseases Precautionary Measures To Be Taken To Avoid Infection Smoking
3	<b>ENVIRONMENT AND NATURAL RESOURCES</b>	<b>Environment Different Layers Of Atmosphere</b> <b>6.1 Climate And Weather</b> 6.1.1---Climate Factor 6.1.2---Green House Effect 6.1.3---Climate Region 6.2.1---Global Wanning 6.2.2---Ozone Layer Depletion 6.3 Natural Resources 6.3.1---Minerals 6.3.2---Fossil Fuels



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Annexure-U

**GENERAL MATHEMATICS IX**

S.#	Chapter	Topics
1	Unit 4: Statistics	Introduction Collection of Data Ungrouped Data Grouped Data Class Interval Class Frequency Lower Limit and Upper Limit Magnitude of Class Interval Frequency Distribution To prepare Frequency Distribution Table from ungrouped data (Exercise4.1) Measures of Central Tendency Arithmetic Mean (Exercise4.2) Median Mode (Exercise4.3)
2	Unit 5: Ratio, Proportion, Inheritance and Partnership	Proportion Proportion between two sets Exercise5.2 Inverse Exercise5.3 Proportion Compound Proportion Exercise5.4 Continued ratios Proportional Division Exercise5.5 Inheritance Exercises.7 Partnership Exercise5.8
3	Unit 6: Percentage	Percent Problems of Percent (Exercise6.1) Zakat Tax Income Tax Property Tax Custom Duty Other Taxes (Exercise6.2) Discount, Reduction Commission, Brokerage (Exercise6.3)





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**Annexure-V**

**GEOGRAPHY OF PAKISTAN CLASS IX**

<b>S.#</b>	<b>Chapter</b>	<b>Topics</b>
1	Agriculture	1. Cash crops 3. Fruits
2	Minerals	2. Chief Minerals of Pakistan
3	Hydro- Electric Projects	1. Mangla Dam Project 2. Tarbela Hydra! Power Station 3. Natural Gas
4	Industries	1. Cotton Textiles 2. Sugar Mills 3. Cottage Industries
5	Map of Pakistan	3. To insert the required information in given out line map of Pakistan



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**Annexure-W**

**ECONOMICS (Elective) CLASS IX**

S.#	Chapter	Topics
1	Basic Concepts of Economics	<ul style="list-style-type: none"><li>▶ Income</li><li>▶ Personal Income</li><li>▶ Gross National Product (GNP)</li><li>▶ Net National Product (NNP)</li></ul> Gross Domestic Product (GDP)
2	Demand	<b><u>Demand</u></b> Definition, meaning, conditions for Demand, Law of Demand, Assumption of Law of Demand, Factors affecting Demand
3	Supply	<b><u>Supply</u></b> ; Definition, meaning, Law of Supply and Explanation, Assumptions of Law of Supply, Schedule and explanation of Supply Curve
4	Price Determination	<b><u>Equilibrium</u></b> Equilibrium between Demand and Supply, Price determination schedule.



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**Annexure-X**

**CIVICS (Elective) CLASS IX**

<b>S.#</b>	<b>Chapter</b>	<b>Topics</b>
1	<b>Government</b>	<ul style="list-style-type: none"><li>i. Define Government and its elements:<ul style="list-style-type: none"><li>a) Legislature or Legislative Council</li><li>b) Executive</li><li>c) Judiciary</li></ul></li><li>ii. Forms of Government as Democracy and Dictatorship</li></ul>
2	<b>Citizen and Citizenship</b>	<ul style="list-style-type: none"><li>i. Definition of Citizen</li><li>ii. Qualities of good Citizenship</li></ul>
3	<b>Rights and Duties</b>	<ul style="list-style-type: none"><li>i. Definition and Characteristics of Rights</li><li>ii. Duties of the Citizens</li></ul>



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**Annexure-Y**

**COMMERCIAL GEOGRAPHY (Elective) CLASS IX**

S.#	Chapter	Topics
1	<b>Bases of Commercial Activities</b>	Need for Commercial Activities
2	<b>Definition of Economic Activities</b>	<ul style="list-style-type: none"><li>▶ <b>Economic Activities</b><ul style="list-style-type: none"><li>a) Primary</li><li>b) Secondary</li><li>c) Tertiary</li></ul></li><li><b>Population</b> Problems of Rural &amp; Urban population</li></ul>
3	<b>Agriculture</b>	<ul style="list-style-type: none"><li>▶ Crops</li><li>▶ Live Stock</li></ul>
4	<b>Mineral &amp; Power</b>	<ul style="list-style-type: none"><li>▶ Metals (Basic Minerals)</li><li>▶ Power Resources</li><li>▶ Dams</li></ul>



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**Annexure-Z**

**PHYSIOLOGY & HYGIENE (Elective) CLASS IX**

<b>S.#</b>	<b>Chapter</b>	<b>Topics</b>
1	<b>OUR FOOD AND EATING HABITS</b>	Food Essentials (Constituents) Carbohydrates, Proteins, Vitamins Balanced Diet
2	<b>THE STRUCTURES OF HUMAN BODY</b>	Chemical Composition of Protoplasm Tissue and Their Types (Including Diagrams) Organs
3	<b>TYPES OF MICRO ORGANISMS</b>	Microbes Bacteria (Including Diagrams) Viruses
4	<b>DIGESTIVE SYSTEM</b>	Teeth (Including Diagrams) Tongue Stomach Liver (Including Diagrams) Diagram of Digestive System
5	<b>CIRCULATORY SYSTEM</b>	Structure of Heart (Including Diagrams) Composition of Blood
6	<b>RESPIRATORY SYSTEM</b>	Diagram of Respiratory System Lungs
7	<b>EXCRETORY SYSTEM</b>	Excretion Diagram of Kidney



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**Annexure-AA**

**COMPUTER STUDIES (Elective) CLASS IX**

S.#	Chapter	Topics
1	<b>CHAPTER NO 4: Introduction to computer Software</b>	<ul style="list-style-type: none"><li>▶ Data and Data types</li></ul> Computer Languages
2	<b>CHAPTER NO 5: Operating Systems</b>	<ul style="list-style-type: none"><li>▶ Software Packages</li></ul> DOS and its Internal and External Commands
3	<b>CHAPTER NO 6: Number Systems</b>	<ul style="list-style-type: none"><li>▶ Number System and its types</li><li>▶ Conversion of Binary Numbers into Decimal</li><li>▶ Conversion of Decimal into Binary</li><li>▶ Conversion of Octal</li></ul> Conversion of Hexadecimal
4	<b>CHAPTER NO 7: Problem Solving and Flow Charting</b>	<ul style="list-style-type: none"><li>▶ Problem Solving process or steps</li><li>▶ Flow charts and its types</li></ul>



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**Annexure-AB**

**GEOGRAPHY (Elective) CLASS IX**

S.#	Chapter	Topics
1	Section-I Introduction	<ul style="list-style-type: none"><li>• Concept of Geography<ul style="list-style-type: none"><li>a) Brief General Introduction</li><li>b) Geography Concerned with man</li></ul></li><li>• Mathematical and general Aspects of Geography<ul style="list-style-type: none"><li>a) Location in Geography Latitudes, Longitudes</li><li>b) Solar System</li></ul></li></ul> Major Relief features of the earth.
2	Section-II Elements of Physical Geography	<ul style="list-style-type: none"><li>• Atmosphere<ul style="list-style-type: none"><li>a) Atmosphere composition etc</li><li>b) Atmosphere- pressure of winds</li></ul></li><li>• The land<ul style="list-style-type: none"><li>a) Earth's Crust Rocks and its types (reference to Pakistan)</li><li>b) Land forms: Mountains, Plains, Plateaus</li></ul></li></ul> Agents of change: Wind, Glacier, Running Water
3	Section-III Elements of Human Geography	<ul style="list-style-type: none"><li>• Introduction: Human Geography</li><li>• Population and its effects</li><li>• Settlements: Rural and Urban</li><li>• Economic Activities:<ul style="list-style-type: none"><li>a) Primary Economic Activities</li><li>b) Secondary Economic Activities</li></ul></li></ul> Tertiary Economic Activities



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Annexure-AC

**FOOD AND NUTRITION (For Girls Only) CLASS IX**

S.#	Chapter	Topics
	<b>Theory</b>	<ul style="list-style-type: none"><li>• Nutrition and Health</li><li>• What is nutrition?</li><li>• Signs of good nutrition</li><li>• Importance of cultivating desirable food habits</li><li>• Food groups</li><li>• Food Nutrients and Body requirements: -</li><li>• Food nutrients carbohydrates, fats, proteins, vitamins, minerals and water</li><li>• Sources of food nutrients, functions and deficiency diseases</li><li>• Balanced diet</li></ul> <p>Dietary requirements of infants, pre-school and adolescence</p>





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**Annexure-AD**

**ESSENTIALS OF HOME ECONOMICS (Elective) CLASS IX**

S. #	Chapter	Topics
1	Behavioral Problems of Children	Definition & types of Behavioral Problems
2	Role of Family & Community in Human Development	<b>I. Parent &amp; Child relationship</b>
3	Introduction to Textile & Clothing	<b>1. Definition &amp; importance of Textiles &amp; Clothing</b> <b>2. Fibers</b>
4	Dress Making	<b>1. Equipment of Tailoring</b>
5	Clothing Requirements of Different Age Groups	<b>1. Suitability of Materials for Different groups</b>
6	Introduction to Management	1. Concept of Management 2. <b>Values &amp; Goals</b>  3. <b>Management of Resources (Time, Energy, Money)</b>
7	Environment & Management	Healthy Environment 2. <b>Sanitation &amp; Waste Management</b> 3. <b>Safety in the Home</b>
8	Art & Design	<b>1. Understanding Elements &amp; Principles of Design</b>
9	<b>Art in Everyday Life</b>	Application of Design in the Home & Environment



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**Annexure-AE**

**EDUCATION CLASS IX**

CHAPTER NAME	CONTENT AREA
3. Human Development and Growth	<ol style="list-style-type: none"><li>1. Meaning and definition of development</li><li>2. Early childhood</li><li>3. Adolescence (i) Physical and (ii) mental development</li></ol>
4. Learning	<ol style="list-style-type: none"><li>1. Learning (meaning and definition)</li><li>2. Biological factors influence learning</li><li>3. Individual differences in learning</li></ol>
5. Homes, School and Society	<ol style="list-style-type: none"><li>1. Meaning and definition of home, school and society</li><li>2. Relationship between school , community and society</li><li>3. Ways to promote home, school and community relationship.</li></ol>



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**Annexure-AF**

**ARABIC (LECTIVE) GRADE-IX**

سبق کا نام	سبق نمبر	نمبر شمار
صلاح الدين الايوبى	الدرس الثانى عشر	۷-
پاكستان	الدرس الثالث عشر	۸-
ذكاء القاضى اياس	الدرس الخامس عشر	۹-
كتاب الى صديق	الدرس السادس عشر	۱۰-
الحكم (نظم)	الدرس ثامن عشر	۱۱-
الوطن (نظم)	الدرس التاسع عشر	۱۲-



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**Annexure-AG**

**CLOTHING & TEXTILE GRADE-IX**

عنوانات	باب
لباس کی منصوبہ بندی ○ لباس کی منصوبہ بندی سے مراد ○ لباس کا بجٹ اور اس کا صحیح استعمال	.5
لباس کی حفاظت ○ لباس کی حفاظت کا طریقہ ○ اونی کپڑوں کی حفاظت ○ سوٹی اور لینن کے ھ کپڑوں کی حفاظت	.6
پارچہ بافی کے ریشوں کی اقسام اور تیاری ○ ریشہ کیا ہے؟ ○ کپڑا بننے کے لیے ریشوں کی تیاری	.7
ریشم ○ ریشم کے وسائل ○ ریشم کے ریشہ کی تیاری ○ ریشمی کپڑوں کی خصوصیات	.11



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**Annexure-AH**

**EDUCATION, CHILD DEVELOPMENT AND FAMILY LIVING CLASS-IX**

عنوانات	باب
معروضی سوالات	-۱
علم نفسیات کی اہمیت	-۲
اپنے خاندان کو سمجھنا اور ہر ایک کی قدر و منزلت کو پہچاننا ○ نئے ماحول اور خاندان میں گھل مل جانا ○ خاندان کی تعریف ○ والدین کے ساتھ خوش گوار تعلقات ○ دوستوں کے ساتھ تعلقات ○ استاد کے ساتھ تعلقات، ہمسایوں کے ساتھ تعلقات ○ مشترکہ خاندان اور انفرادی خاندان	-۳



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**Annexure-AI**

**ISLAMIC STUDIES (ELECTIVE) GRADE IX**

عنوان	باب	نمبر شمار
۱۔ افضل الرسل حضرت محمد ﷺ کی رسالت ۲۔ دوسروں کے کام آنا ۳۔ انبیاء علیہم السلام کی تبلیغی کوششیں، حضرت نوح علیہ السلام ۴۔ آن حضرت ﷺ کا پاکیزہ کردار، عہد شباب ۵۔ سادگی اور بے تکلفی	باب چہارم ، سیرت طیبہ:	۴۔
۱۔ کلمہ اور اس کی قسمیں ۲۔ اسم معرفہ و نکرہ	باب پنجم، عربی زبان کے قواعد:	۵۔



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**Annexure-AJ**

**FOOD AND NUTRITION-GRADE IX**

نمبر شمار	عنوانات
.7	مختلف لوگوں کی غذائی ضروریات
.9	خانا پیش کرنا
.12	غذاؤں کا انتخاب اور خرید و فروخت
.14	صاف ستھری اور محفوظ غذا
.15	کھانا پکانے کے اصول





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**Annexure-AK**

**MUSLIM HISTORY (ELECTIVE) GRADE-IX**

حصہ اول (عہد نبوی ﷺ)		
حضرت علی رضہ بن ابی طالب	نواں باب	۵۔
حصہ سوئم خلفائے بنو امیہ (دمشق)		
امیر معاویہ رضہ بن ابی سفیان رضہ	دسواں باب	۶۔
یزید بن معاویہ	گیارہواں باب	۷۔
حضرت عبداللہ بن زبیر اور مروان بن حکم	بارہواں باب	۸۔
شلیمان بن عبدالملک	پندرہواں باب	۹۔
حضرت عمر رضہ بن عبدالعزیز	سولہواں باب	۱۰۔
حصہ چہارم بنو امیہ (اندلس)		
فتح کے وقت اندلس کی حالت	بیسواں باب	۱۱۔
عبدالرحمن اول اور اموی حکومت	اکیسواں باب	۱۲۔
عبدالرحمن ثانی	تئیسواں باب	۱۳۔
محمد بن عامر (نحاجب المنصور)	پچیسواں باب	۱۴۔



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**Annexure-AL**

**ISLAMIC STUDIES (ELECTIVE) GRADE-IX**

ابواب	باب نمبر	نمبر شمار
ابتدائی اسباق رسالت ○ انبیاء علیہم السلام کی تبلیغی کوششیں ○ حضرت نوح علیہ السلام ○ حضرت ابراہیم علیہ السلام ○ حضرت موسیٰ علیہ السلام ○ آن حضرت صلی اللہ علیہ وآلہ واصحابہ وسلم کا ○ تکمیل فریضہ رسالت اور ختم نبوت	باب چہارم، سیرت طیبہ:	۴-
○ کلمہ اور اس کی قسمیں ○ اسم معرفہ نکرہ ○ مذکر و مؤنث	باب پنجم، عربی زبان کے قواعد:	۵-



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**Annexure-AM**

**URDU LITERATURE (ELECTIVE) GRADE-IX**

مصنف	عنوان	ابواب
سر سید احمد خان	رسم و رواج	مضامین
خواجہ الطاف حسین حالی	زبان گویا	
محمد حسین آزاد	انشاء اللہ خاں انشاء	
شیخ عبدالقادر	دنیا کی نیرنگیاں	
بیگم اختر ریاض الدین	جاپان کی سیر	
غالب	مکتوبات	
○ میر تقی میر ○ خواجہ حیدر علی آتش ○ مرزا اسد اللہ خان غالب ○ شیخ محمد ابراہیم ذوق	غزلیات	
میر حسن	وارد ہوتا ہے نظیر کا باغ میں بدر منیر کے	مثنوی
نظیر اکبر آبادی ، ”برسات اور پھسلن“	مخمس	
میر انیس ، ”حضرت علی اکبر کی جنگ“	مرثیہ	
میر انیس ، سید الطاف حسین حالی	رباعیات	
اکبر الہ آبادی	قطععات	
علامہ اقبال ”فاطمہ بنت عبداللہ“	نظمیں	
اختر شیرانی ”وطن کا سپاہی“	قومی نغمے	



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**Annexure-AN**

**GENERAL SCIENCE CLASS X**

Chapter theme	Topic(s)
<b>1. Energy</b>	7.1 What is Energy? 7.1.1 Different forms of Energy 7.1.2 Inter-conversion of Energy from one form to another form 7.3 Sources of Energy 7.3.1 Solar Energy 7.3.2 Energy from Wind 7.3.3 Tidal Energy 7.3.4 Geothermal Energy 7.3.5 Bio-mass energy 7.3.6 Nuclear Energy
<b>2. Current Electricity</b>	8.1 Electric Current (Voltage, Resistance, Ohm's Law) 8.2 Components of Circuits their working and use in Electrical circuits 8.3 Electric Circuit and Combination of Resistance 8.4 Direct Current and Alternating Current
<b>3. Basic Electronics</b>	9.1.1 Electronics 9.1.2 n-type and p-type substances 9.1.3 P-n Junction Diode 9.2.1 Radio 9.2.2 Television



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<b>4. Science and Technology</b>	10.1.2 Science and Technology in Pakistan 10.2.1 Lasers 10.3.1 Radio-activity Properties of Radio-active rays 10.4.1 X-rays 10.4.2 Ultrasound 10.4.3 Electrocardiograph (ECG) 10.4.5 Magnetic Resonance Imaging (MRI) 10.4.6 Computerized Tomography Scan (C.T Scan) 10.4.7 Angiography
<b>5. Space and Nuclear Programme of Pakistan</b>	11.2 Pakistan's Space Programme 11.3 Pakistan's Nuclear Programme 11.3.1. Misuse of Nuclear Energy 11.3.2. Peaceful uses of Nuclear Energy



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Annexure-AO

**GENERAL MATHEMATICS CLASS X**

CHAPTER NAME	CONTENT AREA
<b>9. Algebraic Sentences, Matrices and Equations</b>	9.3. Matrices $2 \times 2$ 9.4. Addition of Matrices <b>Exercises: 9.3</b> 9.5. Multiplication of Matrices <b>Exercises: 9.4</b> 9.7. Properties of simultaneous equations and their Algebraic solution. <b>Exercises: 9.7</b>
<b>10. Geometry</b>	<ul style="list-style-type: none"><li>• Important Results about Angles. <b>Exercises: 10.3</b></li><li>• Alternat angles, corresponding Angles, (Transversal, Interior and Exterior Angles, Corresponding Angles, Alternate Angles) <b>Exercises: 10.5</b></li><li>• Congruent triangles (Congruent segments and congruent Angles</li><li>• Correspondence between two triangles.</li><li>• Congruence of Triangles. <b>Exercises: 10.7</b></li><li>• Theorem about Congruent Triangles (Experiments 1-4</li><li>• Theorem 1-4 with examples) <b>Exercises: 10.8,</b></li></ul>
<b>11. Practical Geometry</b>	<ul style="list-style-type: none"><li>• Pythagoras Theorem <b>Exercises: 11.2</b></li><li>• Two Special right angled Triangles <b>Exercises: 11.3</b></li><li>• The slope of a line and its equation</li><li>• Slope Or Gradient of a line</li><li>• Slope of Collinear line segments</li><li>• Slope of Parallel Lines <b>Exercises: 11.6</b></li><li>• Theorems About Circle (1-4) <b>Exercises: 11.9</b></li><li>• Length of an arc and area of a sector of a circle <b>Exercises: 11.10</b></li></ul>



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**Annexure-AP**

**Geography of Pakistan CLASS X  
FOR FOREIGNERS ONLY**

Chap. No.	Name of CHAPTER	TOPICS
1-	Communication and Transport	<ul style="list-style-type: none"><li>• Railways</li><li>• Roads</li></ul>
2	Trade and Commerce	<ul style="list-style-type: none"><li>• Internal and foreign Trade</li></ul>
3	Distribution of Population	<ul style="list-style-type: none"><li>• Important Cities of Pakistan</li></ul>
4	Characteristics of Urban and Rural Life	<ul style="list-style-type: none"><li>• Problems of Urban and Rural Life</li></ul>
5	Neighbours of Pakistan	<ul style="list-style-type: none"><li>• Afghanistan</li><li>• China</li><li>• Iran</li></ul>
6	Map of Pakistan	<b>To insert the required information in given out-line map of Pakistan</b>



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Annexure-AQ

**ECONOMICS (elective) X**

SNO	CHAPTERS	QUESTIONS TO BE DONE
1	Demand	Demand; Definition, meaning, conditions for Demand, Law of Demand, Assumption of Law of Demand, Factors affecting Demand
2	Supply	Supply: Definition, meaning, Law of Supply and Explanation, Assumption of Law of Supply, Schedule and explanation of Supply Curve
3	Price Determination	Equilibrium: Equilibrium between Demand and Supply, Price determination schedule.
4	Production and Distribution	Definition of Production and Distribution Agents/Factors of Production
5	Money	Definition and function of Money Kinds of Money
6	Banks	Origin and Definitions Kinds of Bank
7	Trade	Importance of Trade Difference between domestic and Foreign trade
8	Public and Private Finance	Meaning of Public and Private Finance Budget (Definition and Explanation)
9	Economic Development in Pakistan since independence	Principal Economic sectors of Pakistan
10	Islamic Economic System	Zakat





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**Annexure-AR**

**Civics (elective) X**

CHAPTER NUMBER	CHAPTERS NAME	QUESTIONS TO BE DONE
Chapter# 5	Citizen and Citizenship	<ul style="list-style-type: none"><li>• Definition of Citizen</li><li>• Qualities of good Citizenship</li></ul>
Chapter# 6	Rights and Duties	<ul style="list-style-type: none"><li>• Definition and Characteristics of Rights</li><li>• Duties of the Citizens</li></ul>
Chapter# 7	Pakistan Ideology & Pakistan Movement	<ul style="list-style-type: none"><li>• Two Nation theory and establishment of Pakistan</li><li>• Importance of Two Nation Theory</li><li>• National Integration and collection</li><li>• Great Leaders of Pakistan Movement<ul style="list-style-type: none"><li>a) Sir Syed Ahmed Khan</li><li>b) Allama Iqbal</li><li>c) Quaid-e-Azam</li></ul></li><li>• Fourteen points of Quaid-e-Azam</li><li>• Initial Problems of Pakistan</li></ul>
Chapter# 8	Constitutional Development in Pakistan	<ul style="list-style-type: none"><li>• Objectives Resolution</li><li>• The Constitution of 1956, 1962 and 1973</li></ul>
Chapter# 9	Local Government in Pakistan	<ul style="list-style-type: none"><li>• Structure and functions of Local Govt.</li><li>• Brief History of Local Govt. in Pakistan</li></ul>
Chapter# 10	Pakistan and its Neighbours	Principle of Foreign Policy of Pakistan Afghanistan, India and China



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Annexure-AS

**Commercial geography (elective) X**

CHAPTER NUMBER	CHAPTERS NAME	QUESTIONS TO BE DONE
Chapter# 6	<b>Industry</b>	<ul style="list-style-type: none"><li>▶ Favorable factors for localization of any Industry</li><li>▶ Main Industries of Pakistan</li></ul>
Chapter# 7	<b>Transportation &amp; Communication</b>	<ul style="list-style-type: none"><li>▶ Means of Transportation</li><li>▶ Means of Communication</li></ul>
Chapter# 8	<b>Banks and Foreign Trades</b>	<ul style="list-style-type: none"><li>▶ Banking System of Pakistan</li><li>▶ Major Exports and Imports of Pakistan</li></ul>
Chapter# 9	<b>Major Commercial Cities and Ports</b>	<ul style="list-style-type: none"><li>▶ Major Commercial Cities and Ports of Pakistan</li><li>▶ Big Cities of the World and their main commercial activities.</li></ul>
Chapter# 10	<b>Commercial Geography and National Integration</b>	<ul style="list-style-type: none"><li>▶ Meanings of National Integration</li><li>▶ Commercial Activity and Integration</li></ul> <p style="text-align: center;">}..</p>



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**Annexure-AT**

**Physiology & Hygiene (elective) X**

CHAPTER #	CHAPTER NAME	TOPICS
6	RESPIRATORY SYSTEM	<ul style="list-style-type: none"><li>• Diagram of Respiratory System</li><li>• Lungs</li></ul>
7	EXCRETORY SYSTEM	<ul style="list-style-type: none"><li>• Excretion</li><li>• Diagram of Kidney</li></ul>
8	NERVOUS SYSTEM	<ul style="list-style-type: none"><li>• Central Nervous System</li><li>• The Brain</li><li>• Neuron and its types (Including Diagrams)</li><li>• Autonomic Nervous System</li><li>• Eye (Only Diagram)</li></ul>
9	HORMONES	<ul style="list-style-type: none"><li>• Important Hormones of the Body</li><li>• Growth Hormones</li></ul>
10	SUPPORT AND LOCOMOTION	<ul style="list-style-type: none"><li>• How Muscles Produce Energy</li><li>• Vitamin D</li><li>• Calcium</li></ul>
11	PHYSIOLOGY AND EXERCISE	<ul style="list-style-type: none"><li>• Oxygen Requirements</li><li>• Respiratory Adjustment</li></ul>
12	HYGIENE OF LIVING IN RURAL AND URBAN AREAS	<ul style="list-style-type: none"><li>• Air</li><li>• (Composition, Importance, Contamination)</li><li>• Water</li><li>• (Composition, Importance, Sources, Contamination)</li></ul>



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Annexure-AU

**COMPUTER STUDIES (Elective) X**

Chapter	TOPIC
<b>CHAPTER NO 5: Operating Systems</b>	<ul style="list-style-type: none"><li>▶ Software Packages</li><li>▶ DOS and its Internal and External Commands</li></ul>
<b>CHAPTER NO 6: Number Systems</b>	<ul style="list-style-type: none"><li>▶ Number System and its types</li><li>▶ Conversion of Binary Numbers into Decimal</li><li>▶ Conversion of Decimal into Binary</li><li>▶ Conversion of Octal</li><li>▶ Conversion of Hexadecimal</li></ul>
<b>CHAPTER NO 7: Problem Solving and Flow Charting</b>	<ul style="list-style-type: none"><li>▶ Problem Solving process or steps</li><li>▶ Flow charts and its types</li></ul>
<b>CHAPTER NO 8: Programming in Basic Language</b>	<ul style="list-style-type: none"><li>▶ Basic Character Set</li><li>▶ Basic Reserved Words</li><li>▶ Variable and Constant</li></ul>
<b>CHAPTER NO 9: Input and Output Statement</b>	<ul style="list-style-type: none"><li>▶ INPUT Statement</li><li>▶ READ DATA Statement</li><li>▶ PRINT Statement</li></ul>
<b>CHAPTER NO 10: Transfer of Control statement</b>	<ul style="list-style-type: none"><li>● GOTO Statement</li><li>● ON GOTO Statement</li><li>● IF-THEN-ELSE Statement</li></ul>
<b>CHAPTER NO 11: Repetitive Statements</b>	<ul style="list-style-type: none"><li>▶ Loop and its types</li></ul>



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**REDUCED SYLLABUS FOR THE YEAR OF 2024-25**

**Annexure-AV**

**GEOGRAPHY (elective) X**

Chap. No.	Name of CHAPTER	TOPICS
4-	<b>Section-IV Selected Region</b>	Group A <ul style="list-style-type: none"><li>• Bari Doab</li><li>• Lower Indus Plain Group B</li><li>• Peshawar Basin</li><li>• Potohar Plateau</li><li>• Baluchistan Plateau</li></ul>
5-	<b>Section-V Map and Map Reading</b>	1. Scales and Maps a) Small Scale b) Large Scale c) Scale and their usage d) Types of Maps and Measurements between places or given maps 2. Conventional signs and Maps Key 3. Elementary Map Reading Techniques Note: Drawing outline map of Pakistan showing required information.. "



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Annexure-AW

**EDUCATION CLASS X**

CHAPTER NAME	CONTENT AREA
<b>6. Education in Pakistan</b>	<b>1. Types of Education</b> <ul style="list-style-type: none"><li>• General Education</li><li>• Professional education</li></ul> <b>2. Stages of Education:</b> <ul style="list-style-type: none"><li>• Elementary</li><li>• Secondary</li><li>• Tertiary</li></ul>
<b>7. Curriculum</b>	<b>1. Meaning and definition of Curriculum</b> <b>2. Elements of Curriculum:</b> <ul style="list-style-type: none"><li>• Objective</li><li>• Content</li><li>• Teaching methodology</li><li>• Teaching Aids</li><li>• Evaluation</li></ul>
<b>8. Organization of School Activities</b>	<b>1. Importance of Co- Curriculum activities in school</b> <b>2. Role of Co- Curricular activities in the development of an individual.</b>
<b>9. Guidance and Counseling</b>	<b>1. Meaning and Definition of guidance and counseling.</b> <b>2. Role of guidance</b>



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**Annexure-AX**

**URDU LITERATURE (ELECTIVE) GRADE-X**

حصہ نثر		
مصنف	عنوان	ابواب
شیخ عبدالقادر	دنیا کی نیرنگیاں	
بیگم اختر ریاض الدین	جاپان کی سیر	
غالب	مکتوبات	
فہرست حصہ نظم		
○ میر تقی میر ○ خواجہ حیدر علی آتش ○ مرزا اسد اللہ خان غالب ○ شیخ محمد ابراہیم ذوق	غزلیات	
میر حسن	وارد ہوتا ہے نظیر کا باغ میں بدر منیر کے	مثنوی
نظیر اکبر آبادی، "برسات اور پھسلن"	مخمس	
میر انیس، "حضرت علی اکبر کی جنگ"	مرثیہ	
میر انیس، سید الطاف حسین حالی	رباعیات	
اکبر الہ آبادی	قطعات	
علامہ اقبال "فاطمہ بنت عبداللہ"	نظمیں	
اختر شیرانی "وطن کا سپاہی"	قومی نغمے	