



GOVERNMENT OF SINDH  
SCHOOL EDUCATION & LITERACY DEPARTMENT

Karachi, dated: 18<sup>th</sup> February, 2020

**NOTIFICATION**

**NO.SO (Curriculum) SE&L/CA/CW/305/2019:-** In compliance to the orders of Honorable High Court of Sindh Circuit Court Hyderabad dated 02-08-2019 passed in CP No.1817/2016,2894/2017 and 1890, the School Education & Literacy Department Govt. of Sindh is pleased to approve the following Scheme of Studies and bifurcation of the subjects (Humanities Group) for Class IX and X and Uniformity in marks of Secondary School Certificate (SSC Part-I & II) in line with National Scheme of Studies developed by the Directorate of Curriculum, Assessment and Research (DCAR).

**Scheme of studies for grade IX-X  
Academic Year 2020-21**

S. No.	Subjects	Marks		
		Grade IX	Grade X	TOTAL
1	English	100	100	200
2	Sindhi (Mother Tongue)/ Urdu (MT)/ History Geography of Pakistan (foreign students only)	75	-	75
3	Sindhi (Slaees)/ Urdu (Slaees) (Non Mother Tongue)	-	75	75
4	Islamiat/ Ethics for non-Muslims	75	-	75
5	Pakistan Studies	-	75	75
6	General Science	75	75	150
7	General Mathematics	75	75	150
8	Elective I (Selected from list)	75	75	150
9	Elective II (Selected from list)	75	75	150
	<b>Total</b>	<b>550</b>	<b>550</b>	<b>1100</b>





GOVERNMENT OF SINDH  
SCHOOL EDUCATION & LITERACY DEPARTMENT

Karachi, dated: 18<sup>th</sup> February, 2020

**Candidates in Humanities Group should select any TWO Elective Subjects for Grades IX-X from the following list.**

- 1 Civics
- 2 Essentials of Home Economics
- 3 Agriculture
- 4 Physiology & Hygiene
- 5 History
- 6 Languages (Arabic/ Persian/ Chinese/ Turkish/ Punjabi with Saraiki & Pothwari /Pashto /Sindhi / Baluchi / Kashmiri/Balti Respective
- 7 Computer Science & IT
- 8 Geography
- 9 History & Geography of Pakistan (For Foreign Students)
- 10 Food & Nutrition
- 11 Textile & Clothing
- 12 Advanced Islamic Studies
- 13 Muslim History
- 14 Secretarial Practices
- 15 Business Administration
- 16 Environmental Studies
- 17 Art & Model Drawing
- 18 Urdu Literature
- 19 Education
- 20 Health & Physical Education
- 21 Economics
- 22 English Literature
- 23 History of Civilizations
- 24 Commercial Geography
- 25 Military Science
- 26 Psychology
- 27 Sociology
- 28 Philosophy



*[Handwritten signature]*



GOVERNMENT OF SINDH  
SCHOOL EDUCATION & LITERACY DEPARTMENT

Karachi, dated: 18<sup>th</sup> February, 2020

**Scheme of Studies and Bifurcation of the Existing Textbook for General Mathematics IX -X,  
Justification of Grade- wise bifurcation of General Mathematics for Academic Year 2020- 21**

<b>Change/ Rearrangement</b>	<b>Rationale:</b>
Unit- Grade- IX <b>(Unit No. One to Six)</b>	The content weightage, course workload on students and unit linkages are already in progression, therefore initial Six units are assigned in grade IX.
Unit Grade- X <b>((Unit No. Seven to Eleven)</b>	The rest of Seven units are proposed for study in grade X as the difficulty level and workload is equal to initial Six units. There is proper linkage among the units.

**Proposed Units of Mathematics for Grade IX**

Unit 1	Number Systems
Unit 2	Real Numbers and Co-ordinate System
Unit 3	Laws of Exponents and Logarithm
Unit 4	Statistics
Unit 5	Ratio, Proportion, Inheritance and Partnership
Unit 6	Percentage

**Proposed Units of General Mathematics for Grade X**

Unit 7	Fundamental Operations on Polynomials
Unit 8	Formulae and Factors
Unit 9	Algebraic Sentences, Matrices and Equations
Unit 10	Geometry
Unit 11	Practical Geometry

*[Handwritten signature]*





GOVERNMENT OF SINDH  
SCHOOL EDUCATION & LITERACY DEPARTMENT  
Karachi, dated: 18<sup>th</sup> February, 2020

**Scheme of Studies and Bifurcation of the Existing Textbook for General Science IX - X,  
Justification of Grade- wise bifurcation of General Science for the Academic Year 2020- 21**

Units	Rationale:
Unit- Grade- IX <b>(Unit No.One to Six)</b>	The content weightage, course workload on students and unit linkages are already in progression, therefore initial Six units are assigned in grade IX.
Unit Grade- X <b>((Unit No.Seven to Eleven)</b>	The rest of Five units are proposed for study in grade X as the difficulty level and workload is equal to initial Six units. There is proper linkage among the units.

**Proposed Units for Grade IX**

Unit 1	Introduction and Role of Science
Unit 2	Our Life and Chemistry
Unit 3	Biochemistry and Biotechnology
Unit 4	Man and Health
Unit 5	Disease Causes and Prevention
Unit 6	Environment and Natural Resources

**Proposed Units for Grade – X**

Unit 7	Energy
Unit 8	Current Electricity
Unit 9	Basic Electronics
Unit-10	Science & Technology
Unit 11	The Space & Nuclear Programme of Pakistan

*Sami*





GOVERNMENT OF SINDH  
SCHOOL EDUCATION & LITERACY DEPARTMENT  
Karachi, dated: 18<sup>th</sup> February, 2020

**Scheme of Studies and Bifurcation of the Existing Textbook for Civics IX - X,  
Justification of Grade- wise bifurcation of Civics for Academic Year 2020- 21**

Units	Rationale:
Unit- Grade- IX (Unit No.One to Six)	The content weightage, course workload on students and unit linkages are already in progression, therefore initial Six units are assigned in grade IX.
Unit Grade- X (Unit No.Seven to Ten )	The rest of Four units are proposed for study in grade X as the difficulty level and workload is equal to initial Six units. There is proper linkage among the units.

**Proposed Units for Grade IX (Part-I)**

Unit 1	Introduction to Civics
Unit 2	Individuals in Interaction
Unit 3	State
Unit 4	Government
Unit 5	Citizen and Citizenship
Unit 6	Rights and Duties

**Proposed Units for Grade – X (Part-II)**

Unit 7	Ideology of Pakistan and Pakistan Movement
Unit 8	Constitutional Development of Pakistan
Unit 9	Local Government of Pakistan
Unit 10	Pakistan & its Neighbours

*Spmj*





GOVERNMENT OF SINDH  
SCHOOL EDUCATION & LITERACY DEPARTMENT

Karachi, dated: 18<sup>th</sup> February, 2020

**Scheme of Studies and Bifurcation of the Existing Textbook for Economics IX – X.  
Justification of Grade- wise bifurcation of Economics for the Academic Year 2020- 21**

Units	Rationale:
Unit- Grade- IX (Unit No. One to Seven)	The content weightage, course workload on students and unit linkages are already in progression, therefore initial Seven units are assigned in grade IX.
Unit Grade- X (Unit No.Eight to Fourteen)	The rest of Seven units are proposed for study in grade X as the difficulty level and workload is equal to initial Seven units. There is proper linkage among the units.

**Proposed Units for Grade IX**

Unit 1	Evolution of Economics Life
Unit 2	Economics Legacy of Pakistan
Unit 3	Subject matter of Economics
Unit 4	Basic Concepts
Unit 5	Demand
Unit 6	Supply
Unit 7	Price Determination

**Proposed Units for Grade – X**

Unit 8	Production and Distribution
Unit 9	Money
Unit 10	Banks
Unit11	Trade
Unit 12	Public and Private Finance
Unit 13	Economic Development in Pakistan since Independence
Unit 14	Islamic Economic System



*[Handwritten signature]*



GOVERNMENT OF SINDH  
SCHOOL EDUCATION & LITERACY DEPARTMENT  
Karachi, dated: 18<sup>th</sup> February, 2020

National Curriculum 2007 for General Mathematics Grade – IX – X  
Subject: General Mathematics

Grade – IX.

Unit No.	Name of Unit
01	Percentage, Ratio and Proportion
02	Zakat, Usher and Inheritance
03	Business Mathematics
04	Financial Mathematics
05	Consumer Mathematics
06	Exponents and Logarithms
07	Arithmetic and Geometric Sequences
08	Sets and Functions
09	Linear Graphs
10	Basic Statistics

Grade – X.

Unit No.	Name of Unit
11.	Algebraic Formulas and Applications
12	Factorization
13	Algebraic Manipulation
14	Linear Equations and Inequalities
15	Quadratic Equations
16	Matrices and Determinants
17	Fundamentals of Geometry
18	Practical Geometry
19	Areas and Volumes
20	Introduction to Co-ordinate Geometry



GOVERNMENT OF SINDH  
SCHOOL EDUCATION & LITERACY DEPARTMENT  
Karachi, dated: 18<sup>th</sup> February, 2020

**National Curriculum 2009 for General Science Grade – IX – X**  
**Subject: General Science**

**Grade – IX.**

Unit No.	Name of Unit
01	History and Nature of Science
02	Chemistry and Life
03	Health, Diseases & Prevention
04	Population and Environment
05	Energy Sources

**Grade-X**

Unit No.	Name of Unit
06	Electricity and Every Day Life
07	Chemical Reactions and their Practical Applications
08	Biotechnology
09	Water Resources
10	Environmental Problems and Management
11	Science, Technology and Development

*[Handwritten signature]*







GOVERNMENT OF SINDH  
SCHOOL EDUCATION & LITERACY DEPARTMENT

Karachi, dated: 18<sup>th</sup> February, 2020

National Curriculum 2009 for Civics Grade – IX – X

Subject: Civics

Grade – IX.

Unit No.	Themes
01	• Introduction of Civics
	• State
	• Islamic State
	• Democracy
	• Democracy in Pakistan
02	• Citizenship
	• Rights and responsibilities
03	• Role of Government in the Economics
	• Economic Growth
04	• Conflict and conflict resolution
	• Structured ways of resolving
	• Anger
05	• Inquiry and knowledge based Inquiry
	• Critical thinking skills
	• Distinguish between facts and opinion
	• Information gathering skills
06	• Presentation Skills
	• Media
07	• Civil society & NGOs
07	• Environmental Care
08	• Election campaign
	• School council

Grade – X.

Unit No.	Themes
01	• Institutions that facilitate government
	• Legislature
	• Executive: Political and Civil
	• Judiciary
	• Presidential and parliamentary system
02	• Civil society
	• Advocacy
03	• Economic rights of citizen
04	• Problem solving
	• Mediation
05	• Inquiry
	• Critical thinking skills
	• Presentation Skills
06	• Political party
	• Social movement
07	• Diversity
	• Tolerance
08	• Local government
	• Community service





GOVERNMENT OF SINDH  
SCHOOL EDUCATION & LITERACY DEPARTMENT  
Karachi, dated: 18<sup>th</sup> February, 2020

**National Curriculum 2002 for Economics – IX – X**  
**Subject: Economics**

**Grade – IX.**

Unit No.	Name of Unit
01	Introduction
02	Subject matter of Economics
03	Demand
04	Supply
05	Market & Production
06	Equilibrium and Price Determination
07	Economics Problems of Pakistan and Remedial Measures

**Grade-X**

Unit No.	Name of Unit
08	Basic Concepts of Income
09	Money
10	Banks
11	Trade
12	Public Finance
13	Economic Development
14	Economics System of Islam



**KHALID HYDER SHAH**  
**SECRETARY TO GOVT. OF SINDH**

**NO.SO (Curriculum) SE&L/CA/CW/305/2019**

Karachi, dated: 18<sup>th</sup> February, 2020

**A copy is forwarded and necessary action to:-**

1. The Registrar, High Court of Sindh Circuit Court Hyderabad.
2. The Chairman, Sindh Textbook Board Jamshoro.
3. The Director, Directorate of Curriculum Assessment & Research @ Jamshoro.
4. The Chief Adviser, Curriculum wing SE&LD.
5. The Staff officer of Secretary, SE&LD Govt. of Sindh.

**SECTION OFFICER (CURRICULUM)**