

# **SCHEME OF STUDIES** **from Early Childhood Education** **to Intermediate Level**



**Punjab Curriculum and  
Textbook Board**

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# **COMMITTEE FOR DEVELOPMENT OF SCHEME OF STUDIES**

<b>1.</b>	<b>Chairperson, Punjab Curriculum &amp; Textbook Board, Lahore</b>	<b>Convener</b>
<b>2.</b>	<b>Managing Director, Punjab Curriculum &amp; Textbook Board, Lahore</b>	<b>Member</b>
<b>3.</b>	<b>Representative School Education Department, Lahore</b>	<b>Member</b>
<b>4.</b>	<b>Representative Higher Education Department, Lahore</b>	<b>Member</b>
<b>5.</b>	<b>Representative Literacy and Non-Formal Education Department, Lhr</b>	<b>Member</b>
<b>6.</b>	<b>Representative Institute of Education &amp; Research, University of the Punjab, Lahore</b>	<b>Member</b>
<b>7.</b>	<b>Representative Lahore College for Women University, Lahore</b>	
<b>8.</b>	<b>Representative University of Health Sciences, Lahore</b>	<b>Member</b>
<b>9.</b>	<b>Representative University of Engineering and Technology, Lahore</b>	<b>Member</b>
<b>10.</b>	<b>Representative University of Agriculture, Faisalabad</b>	<b>Member</b>
<b>11.</b>	<b>Chairman, BISE, Lahore</b>	<b>Member</b>
<b>12.</b>	<b>CEO, Punjab Examination Commission, Lahore</b>	<b>Member</b>
<b>13.</b>	<b>Chairman, Technical and Vocational Education Authority (TEVTA), Lhr</b>	<b>Member</b>

<b>14.</b>	<b>Dr. Zafar Iqbal Quershi, Chairman, BoG, Nur International University, Lahore</b>	<b>Member</b>
<b>15.</b>	<b>Prof. Dr. Khalid Hameed Shaikh, Ex-VC, Punjab University, Lahore</b>	<b>Member</b>
<b>16.</b>	<b>Dr. Iqrar Ahmad Khan, Ex-VC, Agriculture University, Faisalabad</b>	<b>Member</b>
<b>17.</b>	<b>Gen. (R) Muhammad Aslam, Ex-VC, University of Health Sciences, Lahore</b>	<b>Member</b>
<b>18.</b>	<b>Dr. Rehan Saddiqui, Ex-Principal, FC College University, Lahore</b>	<b>Member</b>
<b>19.</b>	<b>Mr. Muhammad Shakoor, Ex-Principal, Crescent Model Higher Secondary School, Lahore</b>	<b>Member</b>
<b>20.</b>	<b>Representative QAED, Lahore</b>	<b>Member</b>
<b>21.</b>	<b>Representative Islami Nazriati Council, Islamabad</b>	<b>Member</b>
<b>22.</b>	<b>Representative Ittehad Tanzeemat Madaris, Pakistan</b>	<b>Member</b>
<b>23.</b>	<b>Representative Punjab Quran Board, Lahore</b>	<b>Member</b>
<b>24.</b>	<b>Representative Nazria Pakistan Trust, Lahore</b>	<b>Member</b>
<b>25.</b>	<b>Mr. Mushtaq Ahmad Sial, Additional DPI (SE), Punjab</b>	<b>Member</b>
<b>26.</b>	<b>Director Curriculum, PCTB, Lahore</b>	<b>Member</b>

# **Components of Scheme of Studies-2018**

**Subjects to be taught as compulsory & elective from**

**Early Childhood Education to Intermediate Level**

**Subject-Wise Weightage**

**Identification of Integrated Curriculum Approach**

**Medium of Instructions**

**Division of Periods, Time and Marks**

**Weight-age of Theory and Practical Periods**

**Co-Curricular Activities**

**Weightage of Skills & Physical Exercise / Games**

**Mode of Assessment / Evaluation**

**School Calendar and Periods**

## **Aims and Objectives of the Scheme of Studies-2018**

- 1. To prescribe the subjects to be taught at various grades so as to impart high quality student centered learning.**
- 2. To introduce emerging trends, modern developments and scientific learning in various subjects at appropriate levels.**
- 3. To promote awareness about national integration, patriotism and ideology of Islamic Republic of Pakistan with understanding to accept diverse views, beliefs and faiths.**
- 4. To produce disciplined, motivated and enlightened youth with high moral character, sound ethical values and resilience to face adversities and challenges.**
- 5. To produce creative, constructive, communicative and critical thinking youth with clear concepts and in-depth knowledge, ready to participate in the highly competitive globalized knowledge-based economy.**
- 6. To bring students of various Wafaq-ul-Madaris into mainstream of education.**

# **Examination System**

a. Students will be assessed in various subjects at the end of each academic year by the concerned educational institution. However, for Class V and VIII , examination shall be conducted by Punjab Examination Commission (PEC) and Secondary & Higher Secondary Examinations by the BISEs / respective Wafaq-ul-Madaris.

b. The existing examination system shall gradually be transformed to Curriculum based evaluation under a phased programme:-

**Phase-I:** All science subjects of Grades III to XII shall be assessed on Curriculum based exams.

**Phase-II:** All Science subjects and all Compulsory / Core subjects shall have curriculum based exams.

**Phase-III:** All elective subjects shall also have curriculum based exams.

# **Textbooks**

**Initially there shall be one textbook for every subject. However, with the introduction of curriculum based examination system, multiple textbooks shall also be introduced under a phased programme:-**

**Phase-I: Multiple textbooks shall be introduced for Science Subjects of Grades III to XII.**

**Phase-II: Multiple textbooks shall be introduced for all compulsory / core subjects.**

**Phase-III: Multiple textbooks shall also be introduced for all elective subjects.**

**Part-I**

**Scheme of Studies**

**From**

**Early Childhood Education To  
Grade-V / Darja Ibtadaya 1-5**

# For Early Childhood Education (2 Year Program)

Sr. No.	Subject / Activities	Period per Week	Grade/Oral Assessment	Medium
Recitation from the Holy Quran, Dua and National Anthem (During Morning Assembly)				
<b>A</b>	<b>Core Subjects</b>			
1.	<b>Language &amp; Numeracy Block (Native Language / Urdu / English)</b> <ul style="list-style-type: none"> <li>□ Phonics – Alphabet</li> <li>□ Rhymes – Single Syllable Words</li> <li>□ Conversation in Simple Sentences</li> <li>□ Written work (Recording Oral Language)</li> <li>□ Basic Numeracy, Number Line</li> </ul>	6	<b>A, B, C, D</b>	<b>U/E</b>
2.	<b>Heritage Block</b> <ul style="list-style-type: none"> <li>□ Folk tales from regional, National and Islamic Sources</li> <li>□ Heroes of our History and contemporary world</li> <li>□ Creative Arts and Drawing</li> <li>□ Patriotism</li> <li>□ Shared Cultural Values and norms of conduct</li> </ul>	6	<b>A, B, C, D</b>	<b>U/E</b>

Sr. No.	Subject / Activities	Period per Week	Grade-Oral Assessment	Medium
3.	<b>Environment Block</b> <input type="checkbox"/> Community Studies (Home, Village, City) <input type="checkbox"/> Nature Studies (Plants, Animals, Life Cycle) <input type="checkbox"/> Seasons	6	A, B, C, D	Urdu
B	<b>Co-curricular Activities</b>			
	Tutorial (Good Manners, Etiquettes and Art & Drawing)	2	A, B, C, D	
	Sports & Games	2		
	Total:	22	A, B, C, D	

## For Grades I-II / Darja Ibtadaya 1-2

Sr. No.	Subject / Activities	Period per Week	Marks / Grades	Medium
<b>Recitation from the Holy Quran, Dua and National Anthem (During Morning Assembly)</b>				
<b>A</b>	<b>Core Subjects</b>			
1.	Urdu	6	100	---
2.	English	6	100	---
3.	Mathematics	6	100	English
4.	General Knowledge (Islamiyat / General Science & Social Studies)	6	100	Urdu
<b>B</b>	<b>Co-curricular Activities</b>			
	Tutorial (Good Manners, Etiquettes and Art & Drawing)	1	A/B/C/D	
	Library Qurani Qaida for Darja Ibtadaya 1-2	1		
	Physical Education, Sports & Games	1	A/B/C/D	
	Total:	27	400	

# For Grades III-V Darja Ibtadaya 3-5

Sr. No.	Subject / Activities	Period per Week	Marks / Grades	Medium
Recitation from the Holy Quran, Dua and National Anthem (During the Morning Assembly)				
<b>A</b>	<b>Core Subjects</b>			
1.	Urdu	6	100	---
2.	English	6	100	---
3.	Mathematics	6	100	English
4.	Islamiyat / Ethics & Morality*/ <b>Al-Quran</b>	5	100	Urdu
5.	Science & Technology	6	100	U / E
6.	Social Studies	5	100	U / E
<b>B</b>	<b>Co-curricular Activities</b>			
	Tutorial (Good Manners, Etiquettes, Critical Thinking based Activities and Art & Drawing)	1	<b>A/B/C/D</b>	
	Library / <b>Al-Quran</b>	1		
	Physical Education, Sports & Games	1	<b>A/B/C/D</b>	
	<b>Total:</b>	<b>37</b>	<b>600</b>	

## LIST OF TECHNICAL THEMES

### Grade-III

1. Technical Drawing
2. Technical Craft Making
3. Technical Model Making
4. Miscellaneous Technical Activities

### Grade-IV

1. Art, Craft, Painting & Photography
2. Making Technical Models
3. Using Technical Instruments
4. First Aid & Personal Hygiene

### Grade-V

1. Operating Technical Equipments
2. Making Technical Devices
3. First Aid & Disaster Management

# **Part-II**

## **Scheme of Studies**

**For**

**Grades VI-VIII / Darja  
Mutawasat 6-8**

# For Grades VI-VIII / Darja Mutawasat 6-8

Sr. #	Subject / Activities	Period per Week	Marks / Grades	Medium
Recitation from the Holy Quran, Dua and National Anthem (In the Morning Assembly)				
<b>A</b>	<b>Core Subjects</b>			
1.	Urdu	5	100	---
2.	English	5	100	---
3.	Mathematics	6	100	English
4.	Islamiyat / Ethics & Morality* / <b>Islamic Ibadat</b>	3	75	Urdu
5.	Arabic / Persian / Punjabi / Saraiki / Pothwari	3	75	---
6.	Computer Education	4	100	English
7.	Science & Technology	6	100	U / E
8.	History / <b>Al-Quran</b>	3	75	U / E
9.	Geography / <b>Al-Hadith</b>	3	75	U / E
10.	Additional Sub Civics / Home Eco / Agri / Drawing (Op)			
<b>B</b>	<b>Co-curricular Activities</b>			
	Library, Tutorial (Speech, Quizzes, Critical Thinking and Spoken English / <b>Qirrat</b> )	1	<b>A/B/C/D</b>	
	Boy Scouts / Girl Guides, Bazm-e-Adab, Physical Education, Sports & Games / <b>Hifz-e-Quran</b>	1	<b>A/B/C/D</b>	
	<b>Total:</b>	<b>40</b>	<b>800</b>	

## LIST OF TECHNICAL THEMES

### Grade-VI

1. Farming and Agriculture
2. Food Processing and Preservation
3. Operating Electrical & Electro-Mechanical Technical Equipments
4. Making Electrical & Electro-Mechanical Technical Devices

### Grade-VII

1. Farming and Agriculture (For Boys)
2. Embroidery, Dress Making & Fashion Designing (For Girls)
3. Making Electrical & Electro-Mechanical Technical Devices
4. Technical and Computer Drawing

### Grade-VIII

1. Elementary Construction Technology
2. Making Techno-Chemical Products
3. Making Electrical & Electro-Mechanical Technical Devices
4. Miscellaneous Technical Activities

**Part-III**  
**Scheme of Studies**  
**For**  
**Grades IX-X**

- 1. Science Group**
- 2. Humanities and General Group / Sanvia Aama 9-10**
- 3. Technology / Technical & Vocational Education Group**
- 4. General Science / Business Administration Group**

# SSC For Grades IX-X (Science Group)

Sr. #	Subject / Activities	Th. + Prac. Periods		Th. + Practical Marks		Total Marks / Grades	Medium
A	Recitation from the Holy Quran, Dua and National Anthem	IX	X	IX	X		
1.	Urdu	5	5	75	75	150	---
2.	English	5	5	75	75	150	---
3.	Islamiat / Ethics & Morality*	2	2	50	50	100	U / E
4.	Pakistan Studies	2	2	50	50	100	U / E
5.	Mathematics	6	6	75	75	150	U / E
6.	Physics	4+2	4+2	60+15	60+15	150	U / E
7.	Chemistry	4+2	4+2	60+15	60+15	150	U / E
8.	Biology / Computer Science & IT	4+2	4+2	60+15	60+15	150	U / E
9.	Additional Subject Computer & IT / Tech & Comp Drawing (Op)	4+1	4+1	60+15	60+15	150**	U / E
B	Co-curricular Activities						
	Tutorial (Debates, Spoken English, Library)		1	1	A/B/C/D		
	Civil Defense, Nursing, First Aid, Community Services, PT, Sports and Games		1	1	A/B/C/D		
	Total:		40	40	550+550=1100		

# SSC For Grades IX-X Humanities & General Group / Sanvia Aama

9-10

Sr. #	Subject / Activities	Theory / Practical Periods		Theory / Practical Marks		Marks / Grades	Medium
A	Recitation from the Holy Quran, Dua and National Anthem	IX	X	IX	X		
1.	Urdu	5	5	75	75	150	---
2.	English	5	5	75	75	150	---
3.	Islamiyat / Ethics & Morality* / Tajweed, Sarf-o-Nahv	2	2	50	50	100	U / E
4.	Pakistan Studies	2	2	50	50	100	U / E
5.	General Mathematics	6	6	75	75	150	U / E
6.	Science & Technology	6	6	75	75	150	U / E
7.	Humanities Elective 1** / Al-Quran	6	6	75	75	150	U / E
8.	Humanities Elective 2*** / Aquaid, Fiqa & Mantaq	6	6	75	75	150	U / E
9.	Additional Subject Computer Sc. & IT / Environmental Studies / Arbi Adab (Optional)	5	5	75	75	150****	U / E
B	Co-curricular Activities						
	Tutorial (Debates, Spoken English & Library)			1	1	A/B/C/D	
	Civil Defense, Nursing / First Aid, Community Services, PT, Sports and Games			1	1	A/B/C/D	
	Total:			40	40	550+550=1100	

# Humanities Elective Subjects Lists for Grades IX-X

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

# SSC For Grades IX-X (Technology / Technical & Vocational Edu. Group)

Sr. #	Subject / Activities	Th. + Prac. Periods		Th. + Practical Marks		Total Marks / Grades	Medium
A	Recitation from the Holy Quran, Dua and National Anthem	IX	X	IX	X		
1.	Urdu	5	5	75	75	150	---
2.	English	5	5	75	75	150	---
3.	Islamiyat / Ethics & Morality*	2	2	50	50	100	U / E
4.	Pakistan Studies	2	2	50	50	100	U / E
5.	Physics	4+2	4+2	60+15	60+15	150	U / E
6.	Chemistry	4+2	4+2	60+15	60+15	150	U / E
7.	Biology / Mathematics**	4+2	4+2	60+15	60+15	150	U / E
8.	Intro. to Med & Allied Health / Engg Technologies / Tech & Voc. Edu.	4+2	4+2	60+15	60+15	150	U / E
9.	Additional Sub. Computer Sc. & IT, Maths / Tech. & Comp Drawing (Op)	4+1	4+1	60+15	60+15	150**	U / E
B	Co-curricular Activities						
	Tutorial (Debates, Spoken English, Library)			1	1	A/B/C/D	
	Civil Defense, Nursing, First Aid, Community Services, PT, Sports and Games			1	1	A/B/C/D	
	Total:			40	40	550+550=1100	

# Themes for Grades IX-X

	Themes for Medical & Allied Health Technologies
1	Introduction to Pharmaceutical Technology
2	Introduction to Medical Laboratory Technology
3	Introduction to Physiotherapy Technology
4	Introduction to Bio-Medical Technology
	Themes for Engineering Technologies
1	Introduction to Chemical Technology
2	Introduction to Agriculture Technology
3	Introduction to Energy Technology
4	Introduction to Computer & Information Technology
	Themes for Technical & Vocational Education
1	Technical Applications of Electricity & Electronics
2	Technical Applications of Mechanical Technology & RAC
3	Technical Applications of Basic Construction Technology
4	Technical Applications of Chemical & Agriculture Technology

# SSC For Grades IX-X (General Science / Business Administration Group)

Sr. #	Subject / Activities	Th. + Prac. Periods		Th. + Practical Marks		Total Marks / Grades	Medium
A	Recitation from the Holy Quran, Dua and National Anthem	IX	X	IX	X		
1.	Urdu	5	5	75	75	150	---
2.	English	5	5	75	75	150	---
3.	Islamiyat / Ethics & Morality*	2	2	50	50	100	U / E
4.	Pakistan Studies	2	2	50	50	100	U / E
5.	General Mathematics	6	6	75	75	150	U / E
6.	Science & Technology	6	6	75	75	150	U / E
7.	Economics / Business Administration	6	6	75	75	150	U / E
8.	Statistics / Accounting	6	6	75	75	150	U / E
9.	Additional Subject Computer Sc. & IT	4+1	4+1	60+15	60+1 5	150**	U / E
B	Co-curricular Activities						
	Tutorial (Debates, Spoken English, Library)		1	1	A/B/C/D		
	Civil Defense, Nursing, First Aid, Community Services, PT, Sports and Games		1	1	A/B/C/D		
	Total:		40	40	550+550=1100		

# **Part-IV**

## **Scheme of Studies**

**For**

**Grades XI-XII**

# **Scheme of Studies For Grades XI-XII**

- 1. Pre-Medical Group**
- 2. Pre-Medical & Allied Health Technologies Group**
- 3. Pre-Engineering Group**
- 4. Pre-Engineering Technologies / Technical & Vocational Education Group**
- 5. Pre-Agriculture / Veterinary & Animal Sciences Group**
- 6. General Science Group**
- 7. Humanities and General / Sanvi Khasa Group**
- 8. Commerce and Business Administration Group**
- 9. Home Economics Group**
- 10. Islamic Studies / Sanvia Khasa Group**
- 11. Fine Arts Group**

# For Grades XI-XII (Pre-Medical Group)

Sr. #	Subject / Activities	Th. + Practical Periods		Th. + Practical Periods		Total Marks	Medium
A	Core Subjects	XI	XII	XI	XII		
1.	Urdu*	6	6	100	100	200	---
2.	English	6	6	100	100	200	---
3.	Islamiyat / Ethics & Morality**	3	---	50	---	50	U / E
4.	Pakistan Studies	---	3	---	50	50	U / E
5.	Physics	4+2	4+2	85+15	85+15	200	English
6.	Chemistry	4+2	4+2	85+15	85+15	200	English
7.	Biology	4+2	4+2	85+15	85+15	200	English
8.	Additional Subject Mathematics / Computer Science & IT (Optional)	4+1	4+1	85+15	85+15	200** *	English
B	Co-curricular Activities						
	Tutorial (Functional English, Debates, Speech & Library)		1	1	A/B/C/D		= 1100
	NCC / WG, Un-armed Combat, Martial Arts, Community Services, Sports & Games		1	1	A/B/C/D		
	Total:		40	40	550	550	

**For Grades XI-XII (Pre-Medical & Allied Health Technologies**

Sr. #	Subject / Activities	Th. + Practical Periods		Th. + Practical Periods		Total Marks	Medium
<b>A</b>	<b>Core Subjects</b>	<b>XI</b>	<b>XII</b>	<b>XI</b>	<b>XII</b>		
1.	Urdu*	6	6	100	100	200	---
2.	English	6	6	100	100	200	---
3.	Islamiyat / Ethics & Morality**	3	---	50	---	50	U / E
4.	Pakistan Studies	---	3	---	50	50	U / E
5.	Biology	4+2	4+2	85+15	85+15	200	English
6.	Physics	4+2	---	85+15	---	100	English
7.	Chemistry	---	4+2	---	85+15	100	English
8.	Introduction to Medical & Allied Health Technologies	4+2	4+2	85+15	85+15	200	English
9.	Additional Subject Computer Science & IT / Mathematics (Optional)	4+1	4+1	85+15	85+15	200** *	English
<b>B</b>	<b>Co-curricular Activities</b>						
	Tutorial (Functional English, Debates, Speech and Library)	1	1	<b>A/B/C/D</b>			
	NCC / WG, Un-armed Combat, Martial Arts, Community Services, Sports & Games	1	1	<b>A/B/C/D</b>			
	<b>Total</b>	<b>42</b>	<b>42</b>	<b>550</b>	<b>550</b>	<b>= 1100</b>	

## **Themes for Medical Technologies**

- |           |                                      |
|-----------|--------------------------------------|
| <b>1.</b> | <b>Pharmaceutical Technology</b>     |
| <b>2.</b> | <b>Medical Laboratory Technology</b> |
| <b>3.</b> | <b>Imaging Technology</b>            |
| <b>4.</b> | <b>Bio-Medical Technology</b>        |
| <b>5.</b> | <b>Ophthalmology Technology</b>      |
| <b>6.</b> | <b>Physiotherapy Technology</b>      |
| <b>7.</b> | <b>Dental Hygiene Technology</b>     |

# For Grades XI-XII (Pre-Engineering Group)

Sr. #	Subject / Activities	Th. + Practical Periods		Th. + Practical Periods		Total Marks	Medium
<b>A</b>	<b>Core Subjects</b>	<b>XI</b>	<b>XII</b>	<b>XI</b>	<b>XII</b>		
1.	Urdu*	6	6	100	100	200	---
2.	English	6	6	100	100	200	---
3.	Islamiyat / Ethics & Morality**	3	---	50	---	50	U / E
4.	Pakistan Studies	---	3	---	50	50	U / E
5.	Physics	4+2	4+2	85+15	85+15	200	English
6.	Chemistry	4+2	4+2	85+15	85+15	200	English
7.	Mathematics	6	6	100	100	200	English
8.	Additional Subject Comp Sc & IT / Tech & Comp Drawing (Optional)	4+1	4+1	85+15	85+15	200** *	English
<b>B</b>	<b>Co-curricular Activities</b>						
	Tutorial (Functional English, Debates, Speech and Library)	1	1	<b>A/B/C/D</b>			
	NCC / WG, Un-armed Combat, Martial Arts, Community Services, Sports & Games	1	1	<b>A/B/C/D</b>			
	<b>Total:</b>	<b>40</b>	<b>40</b>	<b>550</b>	<b>550</b>	<b>= 1100</b>	

# For Grades XI-XII (Pre-Engineering Technologies/T&V Edu. Group)

Sr. #	Subject / Activities	Th. + Practical Periods		Th. + Practical Periods		Total Marks	Medium
<b>A</b>	<b>Core Subjects</b>	<b>XI</b>	<b>XII</b>	<b>XI</b>	<b>XII</b>		
1.	Urdu*	6	6	100	100	200	---
2.	English	6	6	100	100	200	---
3.	Islamiyat / Ethics & Morality**	3	---	50	---	50	U / E
4.	Pakistan Studies	---	3	---	50	50	U / E
5.	Mathematics	6	6	100	100	200	English
6.	Physics	4+ 2	---	85+15	---	100	English
7.	Chemistry	---	4+2	---	85+15	100	
8.	Introduction to Engineering Technologies / Tech & Vocational Edu	4+ 2	4+2	85+15	85+15	200	English
9.	Additional Subject Comp Sc & IT / Tech & Computer Drawing (Optional)	4+ 1	4+1	85+15	85+15	200** *	English
<b>B</b>	<b>Co-curricular Activities</b>						
	Tutorial (Functional English, Debates, Speech and Library)	1	1	A/B/C/D			
	NCC / WG, Un-armed Combat, Martial Arts, Community Services, Sports & Games	1	1	A/B/C/D			

## **Themes for Pre-Engineering Technologies**

1. Fundamentals of Power Engineering Technology
2. Fundamentals of Robotics Engineering Technology
3. Fundamentals of Chemical Engineering Technology
4. Fundamentals of Agriculture Engineering Technology
5. Fundamentals of Computer Engineering Technology
6. Fundamentals of High Tech Technologies

## **Themes for Technical & Vocational Education**

1. Technical Applications of Electricity & Electronics
2. Technical Applications of Mechanical & RAC Technology
3. Technical Applications of Basic Construction Technology
4. Technical Applications of Agriculture Technology
5. Entrepreneurship Training in Technical Applications of Various Technologies

# For Grades XI-XII (Pre-Agriculture / Veterinary & Animal Sc. Group)

Sr. #	Subject / Activities	Th. + Practical Periods		Th. + Practical Periods		Total Marks	Medium
A	Core Subjects	XI	XII	XI	XII		
1.	Urdu*	6	6	100	100	200	---
2.	English	6	6	100	100	200	---
3.	Islamiyat / Ethics & Morality**	3	---	50	---	50	U / E
4.	Pakistan Studies	---	3	---	50	50	U / E
5.	Biology	4+2	4+2	85+15	85+15	200	English
6.	Physics	4+2	---	85+15	---	100	English
7.	Chemistry	---	4+2	---	85+15	100	English
8.	Mathematics	6	6	100	100	200	English
9.	Additional Subject Agriculture / Veterinary & Animal Sciences (Op)	4+1	4+1	85+15	85+15	200** *	English
B	Co-curricular Activities						
	Tutorial (Functional English, Debates, Speech and Library)		1	1	A/B/C/D		= 1100
	NCC / WG, Un-armed Combat, Martial Arts, Community Services, Sports & Games		1	1	A/B/C/D		
	Total:		40	40	550	550	

## For Grades XI-XII (General Science Group)

Sr. #	Subject / Activities	Th. + Practical Periods		Th. + Practical Periods		Total Marks	Medium
A	Core Subjects	XI	XII	XI	XII		
1.	Urdu*	6	6	100	100	200	---
2.	English	6	6	100	100	200	---
3.	Islamiyat / Ethics & Morality**	3	---	50	---	50	U / E
4.	Pakistan Studies	---	3	---	50	50	U / E
5.	Any One Combination of three subjects from the given List	4+2	4+2	85+15	85+15	200	English
6.		4+2	4+2	85+15	85+15	200	English
7.		6	6	100	100	200	English
8.	Additional Subject Computer Science & IT / Economics, Phy. / Stat. / (Optional)	4+1	4+1	85+15	85+15	200** *	English
B	Co-curricular Activities						
	Tutorial (Functional English, Debates, Speech and Library)		1	1	A/B/C/D		= 1100
	NCC / WG, Un-armed Combat, Martial Arts, Community Services, Sports & Games		1	1	A/B/C/D		
	Total:		40	40	550	550	

## **Subject Combinations**

**Combination-1:**

**Mathematics, Economics, Computer Science & IT**

**Combination-2:**

**Mathematics, Statistics, Computer Science & IT**

**Combination-3:**

**Mathematics, Physics, Computer Science & IT**

**Combination-4:**

**Mathematics, Economics, Statistics**

**Combination-5:**

**Mathematics, Physics, Statistics**

**Combination-6:**

**Statistics, Economics, Computer Science & IT**

# For Grades XI-XII (Humanities and General Group / Sanvia Khasa)

Sr. #	Subject / Activities	Th. + Practical Periods		Th. + Practical Periods		Total Marks	Medium
<b>A</b>	<b>Core Subjects</b>	<b>XI</b>	<b>XII</b>	<b>XI</b>	<b>XII</b>		
1.	Urdu*	6	6	100	100	200	---
2.	English	6	6	100	100	200	---
3.	Islamiyat / Ethics & Morality** / Al-Quran	3	---	50	---	50	U / E
4.	Pakistan Studies	---	3	---	50	50	U / E
5.	Humanities Elective 1 / Hadith & Asool-e-Hadith	6	6	100	100	200	U / E
6.	Humanities Elective 2 / Fiqa and Assol-e-Fiqa	6	6	100	100	200	U / E
7.	Humanities Elective 3 / Arbi Adab	6	6	100	100	200	U / E
8.	Additional Subject Computer Science & IT / Mantaq & Balaghat (Optional)	4+1	4+1	85+15	85+15	200***	U / E
<b>B</b>	<b>Co-curricular Activities</b>						
	Tutorial (Functional English, Debates, Speech and Library)	1	1	A/B/C/D			
	NCC / WG, Un-armed Combat, Martial Arts, Community Services, Sports & Games	1	1	A/B/C/D			
	Total:	40	40	550	550	= 1100	

## **Humanities Elective Subjects for Grades XI-XII**

<b>History of Islam / History of Modern World</b>	<b>Pakistan Culture (For Foreign Students)</b>	<b>Archeology</b>
<b>History of Pakistan / History of Muslim India</b>	<b>Advanced Islamic Studies</b>	<b>Commercial Practices</b>
<b>Geography</b>	<b>General Maths/Mathematics</b>	<b>Geology</b>
<b>Health &amp; Physical Education</b>	<b>Computer Science &amp; IT</b>	<b>Home Economics</b>
<b>Economics</b>	<b>Education</b>	<b>Nursing</b>
<b>Major Languages (Spanish / Arabic / Chinese / Japanese / German / Turkish / French / Russian / Persian / Bengali)</b>	<b>Regional Languages (Punjabi / Sindhi / Baluchi / Pashto / Kashmiri / Balti / Saraiki)</b>	<b>Muslim History &amp; Culture</b>
<b>Statistics</b>	<b>Urdu Literature</b>	<b>Philosophy</b>
<b>Sociology</b>	<b>English Literature</b>	<b>Architecture</b>
<b>Psychology</b>	<b>Fine Arts</b>	<b>Military Science</b>
<b>Journalism</b>	<b>Agriculture</b>	<b>Civics</b>
<b>Library Science</b>	<b>Environmental Studies</b>	

## For Grades XI-XII (Commerce & Business Administration Group)

Sr. #	Subject / Activities	Th. + Practical Periods		Th. + Practical Periods		Total Marks	Medium
A	Core Subjects	XI	XII	XI	XII		
1.	Urdu*	6	6	100	100	200	---
2.	English	6	6	100	100	200	---
3.	Islamiyat / Ethics & Morality**	3	---	50	---	50	U / E
4.	Pakistan Studies	---	3	---	50	50	U / E
5.	Commerce & Commercial Geography	6	6	100	100	200	English
6.	Banking, Accounting & Finance	6	6	100	100	200	English
7.	Business Mathematics & Statistics	6	6	100	100	200	English
8.	Additional Subject Economics / Computer Science & IT (Optional)	4+1	4+1	100	100	200** *	English
B	Co-curricular Activities						
	Tutorial (Functional English, Debates, Speech and Library)	1	1	A/B/C/D		= 1100	
	NCC / WG, Un-armed Combat, Martial Arts, Community Services, Sports & Games	1	1	A/B/C/D			
	Total:	40	40	550	550		

# For Grades XI-XII (Home Economics Group)

Sr. #	Subject / Activities	Th. + Practical Periods		Th. + Practical Periods		Total Marks	Medium
A	Core Subjects	XI	XII	XI	XII		
1.	Urdu*	6	6	100	100	200	---
2.	English	6	6	100	100	200	---
3.	Islamiyat / Ethics & Morality**	3	---	50	---	50	U / E
4.	Pakistan Studies	---	3	---	50	50	U / E
5.	Any one combination of three subjects from the given list	6	6	100	100	200	English
6.		6	6	100	100	200	English
7.		6	6	100	100	200	English
8.	Additional Subject Computer Science & IT (Optional)	4+1	4+1	85+15	85+15	200** *	English
B	Co-curricular Activities						
	Tutorial (Functional English, Debates and Library)		1	1	A/B/C/D		= 1100
	NCC / WG, Un-armed Combat, Martial Arts, Community Services, Sports and Games		1	1	A/B/C/D		
	Total:		40	40	550	550	

## **List of Elective Subjects for Home Economics Group (200 marks each)**

<b>1.</b>	<b>Home Management</b>
<b>2.</b>	<b>Textile, Clothing and Related Arts</b>
<b>3.</b>	<b>Child Development and Family Life</b>
<b>4.</b>	<b>Applied Art</b>
<b>5.</b>	<b>Budgeting and Accounting</b>
<b>6.</b>	<b>Interior Designing</b>
<b>7.</b>	<b>Computer Applications in Home Economics</b>
<b>8.</b>	<b>Food and Nutrition</b>

# For Grades XI-XII (Islamic Studies Group / Sanvia Khasa)

Sr. #	Subject / Activities	Th. + Practical Periods		Th. + Practical Periods		Total Marks	Medium
<b>A</b>	<b>Core Subjects</b>	<b>XI</b>	<b>XII</b>	<b>XI</b>	<b>XII</b>		
1.	Urdu*	6	6	100	100	200	---
2.	English	6	6	100	100	200	---
3.	Islamiyat / Ethics & Morality** / <b>Al-Quran</b>	3	---	50	---	50	U / E
4.	Pakistan Studies	---	3	---	50	50	U / E
5.	Arabic / <b>Hadith &amp; Assol-e-Hadith</b>	6	6	100	100	200	U / E
6.	Advanced Islamic Studies / <b>Fiqa &amp; Assol-e-Fiqa</b>	6	6	100	100	200	U / E
7.	Muslim History and Culture	6	6	100	100	200	U / E
8.	Additional Subject Computer Science & IT / Economics / <b>Advanced Sarf-o-Nahv</b> (Optional)	4+1	4+1	85+15	85+15	200***	U / E
<b>B</b>	<b>Co-curricular Activities</b>						
	Tutorial (Functional English, Debates and Library)	1	1	<b>A/B/C/D</b>			
	NCC / WG, Un-armed Combat, Martial Arts, Community Services, Sports & Games	1	1	<b>A/B/C/D</b>			
	Total:	40	40	<b>550</b>	<b>550</b>	<b>= 1100</b>	

# For Grades XI-XII (Fine Arts Group)

Sr. #	Subject / Activities	Th. + Practical Periods		Th. + Practical Periods		Total Marks	Medium
A	Core Subjects	XI	XII	XI	XII		
1.	Urdu*	6	6	100	100	200	---
2.	English	6	6	100	100	200	---
3.	Islamiyat / Ethics & Morality**	3	---	50	---	50	U / E
4.	Pakistan Studies	---	3	---	50	50	U / E
5.	Any one combination of three subjects from the given list	6	6	100	100	200	English
6.		6	6	100	100	200	English
7.		6	6	100	100	200	English
8.	Additional Subject Computer Science & IT / Architecture (Optional)	4+1	4+1	85+15	85+15	200***	English
B	Co-curricular Activities						
	Tutorial (Functional English, Debates, Speech and Library)			1	1	A/B/C/D	
	NCC / WG, Un-armed Combat, Martial Arts, Community Services, Sports & Games			1	1	A/B/C/D	
	Total:			40	40	550	550
							= 1100

## **List of Elective Subjects for Fine Arts Group (200 marks each)**

**1.**

**Miniature Painting**

**2.**

**Calligraphy and Naqashi**

**3.**

**Ceramics and Related Arts**

**4.**

**Visual Arts**

**5.**

**Computer Designing**

**6.**

**Advertising**

**7.**

**Printing and Publishing**

**8.**

**Drawing, Sketching and Painting**

# **Part-V**

## **Standard School Calendar Yearly Working Days**

**and**

## **Daily Break Down of Periods**

# Standard School Calendar and Yearly Working Days)

Months	Days	Sundays	Working Days
April	30	5	25
May	31	5	27
August (2 <sup>nd</sup> half)	15	2	13
September	30	4	26
October	31	5	26
November	30	4	26
December	31	5	26
January	31	4	27
February	28	4	24
March	31	4	27
Total Working Days	288	42	246
Public Holidays			- 13
Winter Vacation			- 10
Miscellaneous Holidays			- 7
Net Working Days in a Year			216
Academic Year			210

## Daily Breakdown of Periods

Grades I – X (40 Minutes)			Grades XI – XII (50 Minutes)	
Morning Assembly 8:00	Week Days	Friday	Week Days	Friday
Physical Education	8:15–8:30	8:15–8:30		
1st Period	8:30–9:10	8:30–9:10	8:00–8:50	8:00–8:50
2nd Period	9:10–9:50	9:10–9:50	8:50–9:40	8:50–9:40
3rd Period	9:50–10:30	9:50–10:30	9:40–10:30	9:40–10:30
4th Period	10:30–11:10	10:30–11:10	10:30–11:20	10:30–11:20
Recess (30 Minutes)	11:10–11:40	---	11:20–12:10	Nil
5th Period	11:40–12:20	11:10–11:50	12:10–13:00	11:20–12:10
6th Period	12:20–13:00	---	13:00–13:50	Nil
7th Period	13:00–13:40	---	13:50–14:40	Nil
8th Period	13:40–14:30	---	---	---

## **Term Wise Break Down**

**Term 1**

**1<sup>st</sup> April to 31<sup>st</sup> August  
with end Term Exams and Summer Vacation**

**Term 2**

**1<sup>st</sup> September to 20<sup>th</sup> December  
with end Term Exams**

**Term 3**

**21<sup>st</sup> December to 31<sup>st</sup> March  
with Final Exams and Winter Vacation**

***Thanks***

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