



SCHEME OF STUDIES

Grade XI-XII



GUIDELINES FOR HSSC LEVEL (GRADES XI-XII)

1. Elective subjects (Theory and Lab) will be divided as 6+2 (08 periods) and marks allocation (Theory & Practical) will be 80% for theory and 20% for practical for the General Education stream. Elective subjects (Theory and Lab) time and marks allocation will be divided as per 40% for theory and 60% for practical for technical education stream and/or skill-based stream.
2. Students will appear in 04 compulsory subjects and 03 elective subjects in General education at HSSC-I and HSSC-II levels respectively from the specified groups i.e. Humanities & Social Sciences, Pre-Medical, Pre-Engg and General Science/Computer Science. Students will choose any 03 elective subjects from the list of elective subjects while Inter-tech group students will opt/take 02 trade specific subjects and choose any 01 subject from the list of elective subjects.
3. In cases where students want to choose subject(s) beyond those specified in the group, they may opt for additional subject(s) totaling 200 marks in each subject after passing HSSC examinations in any group. The additional subject(s) involving practical, a student will provide Practical Performance Certificate to the respective Board. For additional subject(s), the students may make personal arrangements for their study.
4. The marks of additional subject(s) will not be part of the total marks of Higher Secondary School Certificate (HSSC) (1200). Examination board will issue a separate transcript for the additional subject(s).
5. The translation of the Holy Quran (Grade XI-XII) as a separate compulsory subject will be assessed in Urdu/English. Reference to context questions may be part of the paper or as per practice adopted by the provinces.
6. Passport Holders / Students not studying under Pakistan Education Boards will study Pakistan Culture in Grade XI-XII in lieu of Urdu (Compulsory).
7. Annual Academic Calendar for Grades XI-XII is 110 net working days in case of 05 days a week, and 150 net working days in case of 06 days a week.
8. Total school/college time per day may be 5.00 to 5.30 hours. Time allocation for each subject may be decided at an institutional level.
9. Academic sessions for Grades XI-XII in Summer & Winter zones will be started in the first week of August.
10. Summer & Winter Vacation announcements are the discretion of the administrative departments of respective educational institutions.
11. Time allocation for Regional Languages as a compulsory subject where applicable is at the institutions' discretion. In Sindh, at Grades XI-XII, those studying Urdu (Compulsory) may take Asan Sindhi.

A	General Education: Higher Secondary School Certificate (GRADES XI-XII)							
S. No.	Subject	Subject Type	Medium of Instruction	Period (Theory + Lab) Where applicable		Marks (Theory + Lab) Where applicable		Total Marks
				XI	XII	XI	XII	
1	Urdu / Pakistan Culture for Foreign Students	Compulsory	Urdu/English	5	5	100	100	200
2	English	Compulsory	English	5	5	100	100	200
3	Islamiat / *Religious Education for Minorities	Compulsory	Urdu/English	3	-	50	-	50
4	Translation of Holy Quran, List of Surahs / Ethics for Minorities	Compulsory	Urdu/English	2	2	50	50	100
5	Pakistan Studies	Compulsory	Urdu/English	-	3	-	50	50
6	Regional Languages where applicable	Compulsory	-	-	-	-	-	-
7	Elective I	Elective	Urdu/English	6+2 (8)	6+2 (8)	100	100	200
8	Elective II	Elective	Urdu/English	6+2 (8)	6+2 (8)	100	100	200
9	Elective III	Elective	Urdu/English	6+2 (8)	6+2 (8)	100	100	200
Total Marks								1200
**	Additional Subject	-	Urdu/English	-	-	100	100	200
B	Morning Assembly							
	Morning Assembly (Recitation from the Holy Quran, Dua, and National Song & Anthem): 15 minutes NCC/ volunteer activities / Presentation on Soft skills / Games & Sports: 10 minutes	-	-	-	-	-	-	-
C	Co-curricular Activities							
	Mind Games and Sports, IT Activities, Financial and environmental literacy, character education in Project mode, Life Skills Based Education	-	-	1	1	-	-	Grade A/B/C
Total Periods				40				

Note:

- Students would be separately awarded 10 marks once at SSC/ HSSC level on imparting (Basic Literacy and Numeracy skills) to an illiterate individual under the Each One Teaches One (EOTO) initiative.
- The medium of instruction for science subjects (Pre-Engg, Pre-Med and Computer Science) will be English.
- * The minority students may select any one subject from the Religious Education i.e. Bahai/ Buddhism/ Christianity/ Hinduism/ Kalasha/ Sikhism/ Zoroastrianism.
- **The additional subject(s) may be selected from the list of elective subjects. The separate certificate will be issued for the additional passed subject(s).

General Education: Groups and Elective Subjects (Grades XI-XII)

Any three subjects will be selected from one group as mentioned against their group name

Pre-Medical Group	Physics (Th+Pr)	Chemistry (Th+Pr)	Biology (Th+Pr)	-	-
Pre-Engineering Group	Physics (Th+Pr)	Chemistry (Th+Pr)	Mathematics	-	-
*General Science/Computer Science Group	Physics (Th+Pr)	Mathematics	Economics	Computer Science (Th+Pr)	Statistics (Th+Pr)
	* Those students who will be opting Computer Science as one of the elective subjects will be placed in the sub-group of Computer Science while those students who are opting without Computer Science will be placed in the sub-group of General Science.				
Humanities & Social Sciences Group	Any three subjects will be selected from list of elective subjects*				

* List of elective subjects for Humanities & Social Sciences and Inter-Tech Group (Grades XI-XII)

1. Clothing & Textile (Th+Pr) (Grade 11-12) (to be developed)	2. Home Economics (Skill based) (Grade 9-12)	3. Philosophy (Grade 11-12)	4. Art, Model Drawing & Fine Arts (Skill based) (Grade 1-12)	5. Computer Science (Th+Pr) (Grade9-12)
6. Computer Graphics & Animation (Skill based) (Grade 9-12)	7. English Literature (Grade 9-12)	8. Urdu (Elective) (Grade 9-12)	9. Civics (Grade 11-12)	10. Foreign Languages: Persian, Chinese, French, Arabic, German (Grade 11-12)
11. Economics (Grade 9-12)	12. Psychology Theory + Practical	13. Library Sciences (skill based) (Grade 11-12)	14. Health & Physical Education	15. History of Modern World (Grade 11-12)

	(Grade 11-12)		(Th+Pr) (Grade 9-12)	
16. History of Muslim India(Grade 11-12)	17. Islamic Culture (Grade 11-12)	18. Islamic History (Grade 9-12)	19. Islamic Studies (Grade 9-12)	20. Sociology (Grade 11-12)
21. Statistics (Th+Pr) (Grade 11-12)	22. Environmental Studies (Grade 9-12) (to be developed)	23. Archeology (Grade 9-12) (to be developed)	24. Geography (Th+Pr) (Grade 9-12) (to be revised)	25. Regional Languages Balochi, Pushto, Saraiki etc. (Grade 9-12) (to be developed)
26. Marketing (Skill based) (Grade 11-12)	27. Entrepreneurship (Skill based) (Grade 9-12)	28. Event Management (Skill based) (Grade 11-12)	29. Human Resource Management (Skill based) (Grade 11-12)	30. Computer Application (Skill based) (Grade 11-12)
31. Punjabi (Grade 11-12)	32. Computer Hardware (Skill based) (Grade 11-12) (to be developed)	33. Sindhi (To be revised)	34. Automation & Robotics Technology (Grade 11-12)	35. Advertising (Skill based) (Grade 9-12)
36. Education (Grade 9-12)	-----	-----	-----	-----

General Education: Groups and Elective Subjects (Grades XI-XII)

Subjects will be taken from one group as mentioned against their group name

	Group – Subjects				
Media & Communication Studies Group (Curricula of this group to be developed)	Journalism (Skill based)	Film & Broadcasting (Skill based)	Media & Communication (Skill based)	-----	
Business & Commerce Group (Curricula of this group to be revised) Note:- The previous curricula will be followed till the revision and marks allocation will be considered accordingly as per previous practice i.e. 75 marks for each subject only for this group.	1. Principles of accounting (Grade-11) 2. Principles of accounting (Grade-12)	1. Principles of Economics (Grade-11) 2. Statistics (Grade-12)	1. Business Mathematics (Grade-11) 2. Computer Studies / Banking (Grade-12)	1. Principles of Commerce (Grade-11) 2. Commercial Geography (Grade-12)	
Pre-Home-Economics Group (Curricula of this group to be revised) Note:- The previous curricula will be followed till the revision and marks allocation will be considered accordingly as per previous practice i.e. 75 marks for each subject only for this group.	1. Fundamentals of Food and Nutrition (Grade-11) 2. Home management and Interiors (Grade -12)	1. Introduction to Art and Design (Grade- 11) 2. Child development (Grade-12)	1. Home Nursing (Grade-11)/ Science for Home Economics (Grade-11) 2. Computer Applications for Home Economics (Grade-12)	1. Clothing and Personality Development (Grade-11) 2. Principles of Economics/ Principles of Accounting (Grade-12)	
Agriculture Group (Curricula of this group to be developed)	Agriculture (Agribusiness and Farm Management)	Forestry & Soil Sciences	Integrated Sciences (biology, chemistry, physics, and environmental sciences)	-----	

Veterinary Group (Curricula of this group to be developed)	Veterinary Health and Animal Care	Animal Anatomy and Physiology	Integrated Sciences (biology, chemistry, physics, and environmental sciences)	-----	
Dars E Nizami		Those students of Dars E Nizami who have acquired Shahadat-us-Sanwia (Khaasa) (خاصہ شہادت ثانویہ) will have to appear and qualify in the following subjects to have equivalence of HSSC 1. English/Functional English 2. Urdu/Functional Urdu 3. Pakistan Studies 4. Any two Elective subjects from the list of elective subjects for Humanities and Social Sciences Group			

Note:

Board(s) may continue to follow the previous curriculum/curricula where the new curriculum/curricula have yet to be developed/revised.

A	Technical Education: Higher Secondary School Certificate (Grades XI-XII)							
S. No	Subject	Subject Type	Medium of Instruction	Period (Theory + Lab) Where applicable		Marks (Theory + Lab) Where applicable		Total Marks
				XI	XII	XI	XII	
1	Functional Urdu / Pakistan Culture for Foreign Students	Compulsory	Urdu/English	5	5	100	100	200
2	Functional English	Compulsory	English	5	5	100	100	200
3	Islamiyat /*Religious Education for Minorities	Compulsory	Urdu/English	3	-	50	-	50
4	Translation of Holy Quran, List of Surahs / Ethics for Minorities	Compulsory	Urdu/English	2	2	50	50	100
5	Pakistan Studies	Compulsory	Urdu/English	-	3	-	50	50
6	Regional Languages where applicable	Compulsory	-	-	-	-	-	-
7	Subject I	Trade	Urdu/English	3+5 (8)	3+5 (8)	100	100	200
8	Subject II		Urdu/English	3+5 (8)	3+5 (8)	100	100	200
9	Subject III (to be selected from the list of elective subjects)	Elective	Urdu/English	3+5 (8)	3+5 (8)	100	100	200
								1200
**	Additional Subject	Marks to be 200 for additional subject-	Urdu/English	-		100	100	200
B Morning Assembly								
	Morning Assembly (Recitation from the Holy Quran, Dua, and National Song & Anthem): 15 minutes	-	-	-	-	-	-	-

	NCC/ volunteer activities / Presentation on Soft skills / Games & Sports: 10 minutes							
C	Co-curricular Activities							
	Mind Games and Sports, IT Activities, character education in Project mode	-	-	1	1	-	-	Grade A/B/C
Total Periods				40				

Note:

- Students would be separately awarded 10 marks once at SSC/HSSC level on imparting (Basic Literacy and Numeracy skills) to an illiterate individual under the Each One Teaches One (EOTO) initiative.
- The functional Urdu and Functional English will be implemented from academic session 2026-27. However, English Compulsory and Urdu Compulsory curricula will be followed for the academic session 2025-26 only.
- * The minority students may select any one from the Religious Education i.e. Bahai/ Buddhism/ Christianity/ Hinduism/ Kalasha/ Sikhism/ Zoroastrianism.
- **The additional subject(s) may be selected from the list of elective subjects. The separate certificate will be issued for the additional passed subject(s).

ELECTIVE SUBJECTS FOR INTER-TECH (GRADE XI-XII)

S. No.	Name of Trade for Inter-Tech	Technical Education within Trade	
1.	Fashion Designing	Introduction to Fashion Design	(Grade 9-12)
		Fashion, Fabrication & Construction	(Grade 9-12)
2.	Graphic Designing, and Media Production	Graphic Designing	(Grade 9-12)
		Media Production	(Grade 9-12)
3.	Hospitality & Tourism Management	Hospitality & Hotel Management	(Grade 9-12)
		Tourism Management	(Grade 9-12)
4.	IOT & Data Coding	IoT Advanced Solutions	(Grade 9-12)
		Cloud Computing Fundamentals	(Grade 11-12)
5.	Beautician and Cosmetology	Beautician & Cosmetology	(Grade 9-12)
		Aesthetic Science and Health (to be developed)	(Grade 9-12)
6.	Professional Cooking & Chef	Professional Chef and Cooking	(Grade 9-12)
		Culinary Arts and Food Science (to be developed)	(Grade 9-12)
7.	HVACR	i. Basic HVACR (Heating, Ventilation, Air Conditioning and Refrigeration)	(Grade 9-12)
		ii. Applied HVACR (Heating, Ventilation, Air Conditioning and Refrigeration) (To be revised)	(Grade 9-12)
8.	Industrial Electrician	Applied Electrician (General and Industrial Electrician)	(Grade 9-12) (to be revised)
		Industrial installation (to be revised)	(Grade 9-12)
9.	Plumbing and Solar water Heating System	Plumbing and Solar Water Heating system	(Grade 9-12)
		Technical Drawing and Plumbing Design (To be revised)	(Grade 9-12)
10.	Civil Construction and Technology	Road and Bridge Construction Technology	(Grade 11-12)
		Construction Materials, Testing, and Surveying Techniques (to be developed)	

*** List of elective subjects for Humanities & Social Sciences and Inter-Tech Group (Grades XI-XII)**

1. Clothing & Textile (Th+Pr) (Grade 11-12) (to be developed)	2. Home Economics (Skill based) (Grade 9-12)	3. Philosophy (Grade 11-12)	4. Art, Model Drawing & Fine Arts (Skill based) (Grade 1-12)	5. Computer Science (Th+Pr) (Grade9-12)
6. Computer Graphics & Animation (Skill based) (Grade 9-12)	7. English Literature (Grade 9-12)	8. Urdu (Elective) (Grade 9-12)	9. Civics (Grade 11-12)	10. Foreign Languages: Persian, Chinese, French, Arabic, German (Grade 11-12)
11. Economics (Grade 9-12)	12. Psychology Theory + Practical (Grade 11-12)	13. Library Sciences (skill based) (Grade 11-12)	14. Health & Physical Education (Th+Pr) (Grade 9-12)	15. History of Modern World (Grade 11-12)
16. History of Muslim India(Grade 11-12)	17. Islamic Culture (Grade 11-12)	18. Islamic History (Grade 9-12)	19. Islamic Studies (Grade 9-12)	20. Sociology (Grade 11-12)
21. Statistics (Th+Pr) (Grade 11-12)	22. Environmental Studies (Grade 9-12) (to be developed)	23. Archeology (Grade 9-12) (to be developed)	24. Geography (Th+Pr) (Grade 9-12) (to be revised)	25. Regional Languages Balochi, Pushto, Saraiki etc. (Grade 9-12) (to be developed)
26. Marketing (Skill based) (Grade 11-12)	27. Entrepreneurship (Skill based) (Grade 9-12)	28. Event Management (Skill based) (Grade 11-12)	29. Human Resource Management (Skill based) (Grade 11-12)	30. Computer Application (Skill based) (Grade 11-12)
31. Punjabi (Grade 11-12)	32. Computer Hardware (Skill based) (Grade 11-12) (to be developed)	33. Sindhi (To be revised)	34. Automation & Robotics Technology (Grade 11-12)	35. Advertising (Skill based) (Grade 9-12)
36. Education (Grade 9-12)	-----	-----	-----	-----

A	Technical Education: Higher Secondary School Certificate for Allied Health Sciences (Grade XI-XII)							
S. No	Subject	Subject Type	Medium of Instruction	Period (Theory + Lab) Where applicable		Marks (Theory + Lab) Where applicable		Total Marks
				XI	XII	XI	XII	
1	Functional Urdu / Pakistan Culture for Foreign Students	Compulsory	Urdu/English	5	5	100	100	200
2	Functional English	Compulsory	English	5	5	100	100	200
3	Islamiyat /*Religious Education for Minorities	Compulsory	Urdu/English	3	-	50	-	50
4	Translation of Holy Quran, List of Surahs / Ethics for Minorities	Compulsory	Urdu/English	2	2	50	50	100
5	Pakistan Studies	Compulsory	Urdu/English	-	3	-	50	50
6	Regional Languages where applicable	Compulsory	-	-	-	-	-	-
7	One Group containing three subjects will be selected from the list of *Elective Subjects For Allied Health Sciences (Grade XI-XII)	Compulsory	Urdu/English	3+5 (8)	3+5 (8)	100	100	200
			Urdu/English	3+5 (8)	3+5 (8)	100	100	200
			Urdu/English	3+5 (8)	3+5 (8)	100	100	200
								1200
**	Additional Subject	Marks to be 200 for additional subject-	Urdu/English	-		100	100	200
B Morning Assembly								
	Morning Assembly (Recitation from the Holy Quran, Dua, and National Song & Anthem): 15 minutes NCC/ volunteer activities / Presentation on Soft skills / Games & Sports: 10 minutes	-	-	-	-	-	-	-

C Co-curricular Activities								
	Mind Games and Sports, IT Activities, character education in Project mode	-	-	1	1	-	-	Grade A/B/C
Total Periods				40				

Note:

- Students would be separately awarded 10 marks once at SSC/HSSC level on imparting (Basic Literacy and Numeracy skills) to an illiterate individual under the Each One Teaches One (EOTO) initiative.
- The functional Urdu and Functional English will be implemented from academic session 2026-27. However, English Compulsory and Urdu Compulsory curricula will be followed for the academic session 2025-26 only.
- * The minority students may select any one from the Religious Education i.e. Bahai/ Buddhism/ Christianity/ Hinduism/ Kalasha/ Sikhism/ Zoroastrianism.
- **The additional subject(s) may be selected from the list of elective subjects. The separate certificate will be issued for the additional passed subject(s).

*** ELECTIVE GROUP(S) (SUBJECTS) FOR ALLIED HEALTH SCIENCES (GRADE XI-XII)**

S. No.	GROUPS	SUBJECT NAME AT HSSC-I LEVEL	SUBJECT NAME AT HSSC-II LEVEL
1	Medical Laboratory Science	Elementary Chemistry and Ch-Pathology-I:	Hematology & Blood Bank
		Elementary Anatomy & Micro Technique	Clinical Pathology & Serology
		Micro Biology-I	Micro Biology-II
2	Dental Hygiene Science	Dental Hygiene –I	Dental Hygiene-II
		Basic Medical Science –I	Basic Medical Science –II
		Applied Science-I	Applied Science-II
3	Operation Theatre Science	Operation Theater Technique-I	Operation Theater Technique-II
		Basic Medical Science –I	Basic Medical Science –II
		Applied Science-I	Applied Science-II
4	Medical Imaging & Ultrasound Science	Radiographic Technique-I	Radiographic Technique-II
		Basic Medical Sciences-I	Basic Medical Sciences-II
		Applied Sciences-I	Applied Sciences-II
5	Physiotherapy Science	Physiotherapy Technique-I	Physiotherapy Technique-II
		Basic Medical Sciences-I	Basic Medical Sciences-II
		Applied Sciences-I	Applied Sciences-II
6	Optometry Science	Ophthalmic Techniques-I (To be developed)	Ophthalmic Techniques-II (To be developed)
		Basic Medical Sciences-I	Basic Medical Sciences-II
		Applied Sciences-I	Applied Sciences-II
7	Cardiac Care Science	Cardiovascular Technology-I	Cardiovascular Technology-II
		Basic Medical Sciences-I	Basic Medical Sciences-II
		Applied Sciences-I	Applied Sciences-II

8	Dispensing & Pharmacy Science	Dispensing Technology-I (To be developed)	Dispensing Technology-II (To be developed)
		Basic Medical Sciences-I	Basic Medical Sciences-II
		Applied Sciences-I	Applied Sciences-II
9	Nursing	Basic Medical Science –I	Basic Medical Science –II
		Applied Science-I	Applied Science-II
		Nursing Technique-I	Nursing Technique-II
10	Public Health	Basic Medical Science –I	Basic Medical Science –II
		Applied Science-I	Applied Science-II
		Public Health I (To be developed)	Public Health II (To be developed)
11	Emergency Technology [ER]	Basic Medical Science –I	Basic Medical Science –II
		Applied Science-I	Applied Science-II
		Emergency Technology – I	Emergency Technology - II (Mortuary Assistant) will be included in this subject in part II
12	MID WIFERY	Basic Medical Science -I	Basic Medical Science –II
		Applied Science-I	Applied Science-II
		Midwifery - I [Child & Neonatal] (To be developed)	Midwifery - II [Mother and Child Health] (To be developed)
13	Anesthesia Technology	Basic Medical Science -I	Basic Medical Science –II
		Applied Science-I	Applied Science-II
		Anesthesia Technique – I (To be developed)	Anesthesia Technique – II [Anesthesia

			Technician] (To be developed)
14	Endoscopy Technology	Basic Medical Science -I	Basic Medical Science –II
		Applied Science-I	Applied Science-II
		Endoscopy Technique - I [Gastroenterology] (To be developed)	Endoscopy Technique - II [Endoscopy Technician] (To be developed)
15	Dialysis Technology	Basic Medical Science –I	Basic Medical Science –II
		Applied Science-I	Applied Science-II
		Dialysis TECHNIQUE – I (To be developed)	Dialysis TECHNIQUE – II (To be developed)
16	Respiratory Therapy	Basic Medical Science –I	Basic Medical Science –II
		Applied Science-I	Applied Science-II
		Respiratory Therapy Technique - I [Pulmonology] (To be developed)	Respiratory Therapy Technique - II [Pulmonology] (To be developed)
17	Neurophysiology	Basic Medical Science –I	Basic Medical Science –II
		Applied Science-I	Applied Science-II
		Neurophysiology Technique – I (To be developed)	Neurophysiology Technique – II (To be developed)
18	CSSD technician	Basic Medical Science –I	Basic Medical Science –II
		Applied Science-I	Applied Science-II
		Sterilization Technology - I [CSSD technician] (To be developed)	Sterilization Technology – II (To be developed)
19	Dental Technology	Basic Medical Science –I	Basic Medical Science –II
		Applied Science-I	Applied Science-II
		Dental Technique - I [Dental technician]	Dental Technique - I [Dental technician]

		(To be developed)	(To be developed)
20	Sports and Fitness	Basic Medical Science –I	Basic Medical Science –II
		Applied Science-I	Applied Science-II
		Foundations of Exercise & Sports Science	Fitness & Sports Training

ELECTIVE SUBJECTS FOR UNANI & AYURVEDIC SYSTEM OF MEDICINE (GRADE XI-XII)

Subject Type	Subject offered in XI	Elective subject XII
Basic Unani Tibb	Basic Medical Science –I	Basic Medical Science –II
	Ilmul Advia (To be developed)	Dawasazi(Pharmacy) (To be developed)
	Kuliyat e Qanoon (Philosophy of Tibb) (To be developed)	Kuliyat e Qanoon (Unani Tibb) (To be developed)

List of Surahs (Grades XI-XII)

Grade XI	Grade XII
SURAHS	
1. Surah Al-Baqarah 2. Surah Aal-e-Imran 3. Surah Al-Anfal 4. Surah Al-Tawbah	1. Surah Al-Nisa 2. Surah Al-Ma'ida 3. Surah An-Nur 4. Surah Al-Ahzab 5. Surah Muhammad 6. Surah Al-Fath 7. Surah Al-Hujurat 8. Surah Al-Hadeed 9. Surah Al-Mujadalah 10. Surah Al-Hashr 11. Surah Al-Mumtahinah 12. Surah As-Saff 13. Surah Al-Jumu'ah 14. Surah Al-Munafiqoon 15. Surah Al-Taghaabun 16. Surah Al-Talaq 17. Surah Al-Tahrim