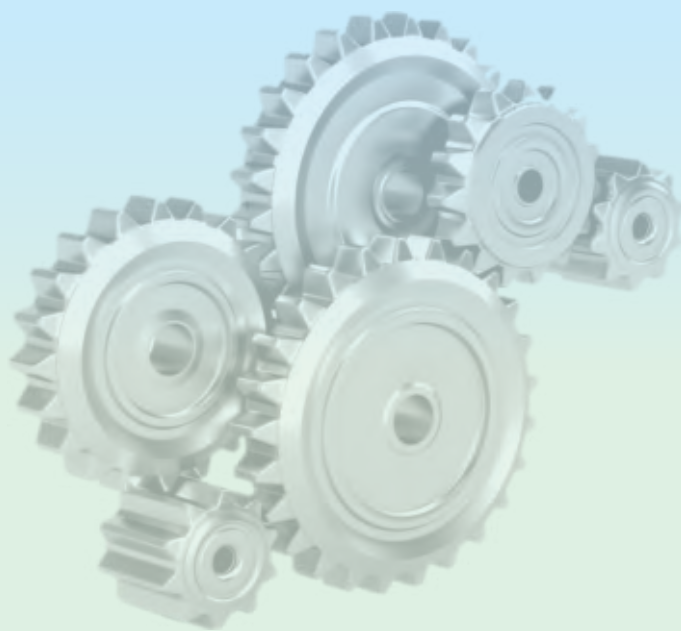


Part-IV

Scheme of Studies For Grades XI-XII



Scheme of Studies For Grades XI - XII

A student should opt for any one of the following Groups

1.	Pre-Medical Group
2.	Pre-Engineering Group
3.	Medical & Allied Health Technologies/Engineering Technologies/ Technical & Vocational Education Group
4.	Agriculture / Veterinary & Animal Sciences Group
5.	General Science Group
6.	Humanities, Social Sciences and General Group
7.	Business & Commerce Group
8.	Home Economics Group
9.	Islamic Studies Group
10.	Applied Arts Group

Note

1. Studies in Pre-Medical Group will facilitate admission in Medicine, Dentistry Medical & Allied Health Technologies or Agriculture / Veterinary & Animal Sciences at University level.
2. Studies in Pre-Engineering Group will facilitate admission in Engineering or Engineering Technologies at University level.
3. Studies in Medical & Allied Health Technologies / Engineering Technologies / Technical & Vocational Education Group will facilitate admission in Medical & Allied Health Technologies and Engineering Technologies at university level besides admission in Medical and Engineering Streams.
4. Studies in Agriculture / Veterinary & Animal Sciences Group will facilitate admission in Agriculture or Veterinary and Animal Sciences besides Medical stream at University level.
5. Studies in General Science Group and Humanities, Social Sciences & General Group for Grades XI-XII will facilitate admission in Humanities and Social Sciences subjects at University level.
6. Studies in Business & Commerce Group, Home Economics Group and Applied Arts Group will facilitate admission in respective specializations at University level.

Scheme of Studies for Grades XI - XII

1. Pre-Medical Group

Sr. No.	Subjects / Activities	Theory + Practical Periods		Theory + Practical Marks		Total Marks	Medium
A	Core Subjects	XI	XII	XI	XII		
1	Translation of Holy Quran**	3	3	50	50	100	
2	Urdu*	5	5	75	75	150	—
3	English ☉	5	5	75	75	150	—
4	• Islamiat *** • Pakistan Studies	3 —	— 3	40+10 —	— 50	50 50	Urdu / English
5	Physics	4+2	4+2	75	75+25	175	English
6	Chemistry	4+2	4+2	75	75+25	175	English
7	Biology	4+2	4+2	75	75+25	175	English
8	Computer Science & ICT / Mathematics	3+1	4+2	75	75+25	175	English
	Total^Δ	38	38	550	650	1200	
B	Co-curricular Activities						
	Tutorial (Speech, Quizzes, Critical Thinking Based Activities)	1	1	A/B/C	A/B/C	A/B/C	—
	NCC / WG, Un-armed Combat & Martial Arts, Community Service, Games & Sports	1	2	A/B/C	A/B/C	A/B/C	—
	Total:	2	2			—	—
	Grand Total	40	40	550	650	1200	

- * Including Functional Urdu. Foreign students may opt for “Pakistan Culture” in lieu of Urdu.
 ☉ Including Functional English.
 ** Translation of selected Surahs of Holy Quran in each Grade.
 *** Non-Muslim students may opt for “Religious Education” in lieu of Islamiat.
 Δ Grade A, B or C may be reflected in character certificate issued by the School

Scheme of Studies for Grades XI - XII

2. Pre-Engineering Group

Sr. No.	Subjects / Activities	Theory + Practical Periods		Theory + Practical Marks		Total Marks	Medium
A	Core Subjects	XI	XII	XI	XII		
1	Translation of Holy Quran**	3	3	50	50	100	—
2	Urdu*	5	5	75	75	150	—
3	English [⊙]	5	5	75	75	150	—
4	• Islamiat *** • Pakistan Studies	3 -	- 3	40+10 -	- 50	50 50	Urdu / English
4	Physics	4+2	4+2	75	75+25	175	English
6	Chemistry	4+2	4+2	75	75+25	175	English
7	Mathematics	6	6	75	100	175	English
8	Computer Science & ICT	3+1	3+1	75	75+25	175	English
	Total:	38	38	550	650	1200	
B	Co-curricular Activities Δ						
	Tutorial (Speech, Quizes, Critical Thinking Based Activities)	1	1	A/B/C	A/B/C	A/B/C	-
	• NCC / WG, Un-armed Combat & Martial Arts, Community Service, Games & Sports	1	1	A/B/C	A/B/C	A/B/C	--
	Total:	2	2	-	-		-
	Grand Total:	40	40	550	650	1200	

- * Including Functional Urdu. Foreign students may opt for "Pakistan Culture" in lieu of Urdu.
- ⊙ Including Functional English.
- ** Translation of selected Surahs of Holy Quran in each Grade.
- *** Non-Muslim students may opt for "Religious Education" in lieu of Islamiat.
- Δ Grade A, B or C may be reflected in character certificate issued by the School

Scheme of Studies for Grades XI - XII

3. Medical & Allied Health Technologies / Engineering Technologies / Technical & Vocational Education Group

Sr. No.	Subjects / Activities	Theory + Practical		Theory + Practical Marks		Total Marks	Medium
A	Core Subjects	XI	XII	XI	XII		
1	Translation of Holy Quran**	3	3	50	50	100	—
2	Urdu*	5	5	75	75	150	—
3	English [⊙]	5	5	75	75	150	—
4	• Islamiat *** • Pakistan Studies	3 -	- 3	40+10 -	- 50	50 50	Urdu / English
5	Medical & Allied Health Technologies / Engineering Technologies / Technical & Vocational Education \$	3+2	3+2	75	75+25	175	English
6	Physics	4+2	4+2	75	75+25	175	English
7	Chemistry	4+2	4+2	75	75+25	175	English
8	Biology / Mathematics	4+1	4+2	75	75+25	175	English
	Total:	38	38	550	650	1200	
B	Co-curricular Activities ^Δ						
	Tutorial (Speech, Quizes, Critical Thinking Based Activities)	1	1	A/B/C	A/B/C	A/B/C	-
	• NCC / WG, Un-armed Combat & Martial Arts, Community Service and Games & Sports	1	1	A/B/C	A/B/C	A/B/C	-
	Total:	2	2				
	Grand Total:	40	40	550	650	1200	

- * Including Functional Urdu. Foreign students may opt for “Pakistan Culture” in lieu of Urdu.
- ⊙ Including Functional English.
- ** Translation of selected Surahs of Holy Quran in each Grade.
- *** Non-Muslim students may opt for “Religious Education” in lieu of Islamiat.
- \$ Students interested in Medical & Allied Health Technologies should opt for Biology, and those interested in Engineering Technologies or Technical & Vocational Education should opt for Mathematics, Refer to Page 41.
- Δ Grade A, B or C may be reflected in character certificate issued by the School.

Scheme of Studies for Grades XI - XII

4 Agriculture / Veterinary & Animal Sciences Group

Sr. No.	Subjects / Activities	Theory + Practical Periods		Theory + Practical Marks		Total Marks	Medium
A	Core Subjects	XI	XII	XI	XII		
1	Translation of Holy Quran**	3	3	50	50	100	—
2	Urdu*	5	5	75	75	150	—
3	English [⊙]	5	5	75	75	150	—
4	• Islamiyat *** • Pakistan Studies	3 -	- 3	40+10 -	- 50	50 50	Urdu / English
5	Agriculture/Veterinary & Animal Sciences \$	5	5	75	75+25	175	English
6	Physics	4+2	-	75	75+25	175	English
7	Chemistry	4+2	4+2	75	75+25	175	English
8	Biology	4+1	4+2	75	75+25	175	English
	Total:	38	38	550	650	1200	
B	Co-curricular Activities Δ						
	Tutorial (Speech, Quizes, Critical Thinking Based Activities)	1	1	A/B/C	A/B/C	A/B/C	-
	NCC/WG, Un-armed Combat & Martial Arts, Community Service, Games & Sports	1	1	A/B/C	A/B/C	A/B/C	-
	Total:	2	2				
	Grand Total:	40	40	550	650	1200	

- * Including Functional Urdu. Foreign students may opt for "Pakistan Culture" in lieu of Urdu.
 ⊙ Including Functional English.
 ** Translation of selected Surahs of Holy Quran in each Grade.
 *** Non-Muslim students may opt for "Religious Education" in lieu of Islamiyat.
 \$ One of the two subjects may be opted.
 Δ Grade A, B or C may be reflected in character certificate issued by the School

Scheme of Studies for Grades XI - XII

5. General Science Group

Sr. No.	Subjects / Activities	Theory + Practical Periods		Theory + Practical Marks		Total Marks	Medium
A	Core Subjects	XI	XII	XI	XII		
1	Translation of Holy Quran	3	3	50	50	100	—
2	Urdu*	5	5	75	75	175	—
3	English [⊙]	5	5	75	75	175	—
4	• Islamiyat *** • Pakistan Studies	3 -	- 3	40+10 -	- 50	50 50	Urdu / English
5	Any one combination of three subjects from the list given at page 30	5	5	75	100	175	English
6		5	5	75	100	175	English
7		5	5	75	100	175	English
8	Education & Pedagogical Skills	6	6	75	75+25	175	English
	Total:	37	37	550	600	1100	
B	Co-curricular Activities Δ						
	Tutorial (Speech, Quizes, Critical Thinking Based Activities)	1	1	A/B/C	A/B/C	A/B/C	-
	NCC/WG, Un-armed Combat & Martial Arts, Community Service, Games & Sports	2	2	A/B/C	A/B/C	A/B/C	-
	Total:	3	3	-	-		
	Grand Total:	40	40	550	650	1200	

- * Including Functional Urdu. Foreign students may opt for "Pakistan Culture" in lieu of Urdu.
 ⊙ Including Functional English.
 ** Translation of selected Surahs of Holy Quran in each Grade.
 *** Non-Muslim students may opt for "Religious Education" in lieu of Islamiyat.
 Δ Grade A, B or C may be reflected in character certificate issued by the School

Subject Combinations for General Science Group

Combination-1:

- I. Mathematics
- ii. Economics
- iii Computer Science & ICT

Combination-2:

- I. Mathematics
- ii. Statistics
- iii Computer Science & ICT

Combination-3:

- I. Mathematics
- ii. Physics
- iii Computer Science & ICT

Combination-4:

- i. Mathematics
- ii. Economics
- iii Statistics

Combination-5:

- i. Mathematics
- ii. Physics
- iii Statistics

Scheme of Studies for Grades XI - XII

6. Humanities, Social Sciences and General Group for Grades XI-XII

Sr. No.	Subjects / Activities	Theory + Practical Periods		Theory + Practical Marks		Total Marks	Medium
A	Core Subjects	XI	XII	XI	XII		
1	Translation of Holy Quran	3	3	50	50	100	—
2	Urdu*	5	5	75	75	150	—
3	English [⊙]	5	5	75	75	150	—
4	<ul style="list-style-type: none"> • Islamiat *** • Pakistan Studies 	3	—	40+10	—	50	Urdu / English
		—	3	—	50	50	
5	<ul style="list-style-type: none"> • Any three Electives from attached list of Humanities, Social Sciences and General Group of subjects 	5	5	75	100	175	Urdu / English / Respective Language
6		5	5	75	100	175	
7		5	5	75	100	175	
8	<ul style="list-style-type: none"> • Computer Science & ICT / Education & Pedagogical Skills 	6	6	75	75+25	175	English
	Total:	37	37	550	650	1200	
B	Co-curricular Activities ^Δ						
	Tutorial (Speech, Quizes, Critical Thinking Based Activities)	1	1	A/B/C	A/B/C	A/B/C	—
	NCC / WG, Un-armed Combat & Martial Arts and Community Service, Games & Sports	2	2	A/B/C	A/B/C	A/B/C	—
	Total:	3	3	—	—	—	
	Grand Total:	40	40	550	650	1200	

- * Including Functional Urdu. Foreign students may opt for “Pakistan Culture” in lieu of Urdu.
- ⊙ Including Functional English.
- ** Translation of selected Surahs of Holy Quran in each Grade.
- *** Non-Muslim students may opt for “Religious Education” in lieu of Islamiat.
- Δ Grade A, B or C may be reflected in character certificate issued by the School.

Elective Subjects for Humanities, Social Sciences & General Group for Grades XI-XII

A student should choose three elective subjects out of any one of the following sub Groups:-

Social Sciences I.	1	Public Health Administrates	Urdu/ English
	2	Psychology	Urdu/ English
	3	Education & Pedagogical Skills	Urdu/ English
	4	Sociology	Urdu/ English
	5	Civics	Urdu/ English
	6	Philosophy / Health & Physical Education	Urdu/ English
History & Languages II.	1	History of Sub Continent	Urdu/ English
	2	Islamic History & Culture	Urdu/ English
	3	British History/ European History	Urdu/ English
	4	American History	Urdu/ English
	5	Regional Languages: Punjabi/Saraiki/Pothoari/Sindhi/Baluchi/Pashto/Kashmiri/Balti	Respective Language
	6	Modern Languages: Arabic/Persian/French/German/Chinese/Turkish/ Russian	Respective Language
Leadership & Management III.	1	Leadership & Management	Urdu/ English
	2	Foundation of Leadership	Urdu/ English
	3	Decision Making	Urdu/ English
	4	Leadership & Management in Civil Services	Urdu/ English
	5	Leadership & Management in Military Services	Urdu/ English
	6	Military History	Urdu/ English
Computer Science IV.	1	Computer Programming & Languages	Urdu/ English
	2	Database Management System	Urdu/ English
	3	Computer Graphics & Animation	Urdu/ English
	4	Telecommunication	Urdu/ English
	5	Mathematics / Statistics	Urdu/ English
	6	Artificial Intelligence & Machine Learning	Urdu/ English
Legal Studies V.	1	Introduction to Law & Judicial System	Urdu/ English
	2	Criminology	Urdu/ English
	3	Islamic Laws	Urdu/ English
	4	Jurisprudence / Mass Communication	Urdu/ English
	5	Constitution of Pakistan	Urdu/ English
	6	Governance in Pakistan	Urdu/ English
Miscellaneous VI.	1	Management	Urdu/ English
	2	Business Administration	Urdu/ English
	3	Agriculture & Farming	Urdu/ English
	4	Military Science / Economics	Urdu/ English
	5	Commerce	Urdu/ English
	6	Mass Communication	Urdu/ English

Scheme of Studies for Grades XI - XII

7. Business and Commerce Group

Sr. No.	Subjects / Activities	Theory + Practical Periods		Theory + Practical Marks		Total Marks	Medium
A	Core Subjects	XI	XII	XI	XII		
1	Translation of Holy Quran	3	3	50	50	100	—
2	Urdu*	5	5	75	75	150	—
3	English [⊙]	5	5	75	75	150	—
4	• Islamiat *** • Pakistan Studies	3 -	- 3	40+10 -	- 50	50 50	Urdu / English
5	Business & Commerce	6	6	75	100	175	Urdu / English
6	Banking, Accounting & Finance	6	6	75	100	175	Urdu / English
7	Management & Marketing	5	5	75	100	175	Urdu / English
8	Computer Science & ICT	3+2	3+2	75	100	175	English
	Total:	38	38	550	650	1200	
B	Co-curricular Activities ^Δ						
	Tutorial (Speech, Quizes, Critical Thinking Based Activities)	1	1	A/B/C	A/B/C	A/B/C	-
	NCC / WG, Un-armed Combat & Martial Arts, Community Service, Games & Sports	1	1	A/B/C	A/B/C	A/B/C	-
	Total:	2	2				-
	Grand Total:	40	40	550	650	1200	-

- * Including Functional Urdu. Foreign students may opt for "Pakistan Culture" in lieu of Urdu.
- ⊙ Including Functional English.
- ** Translation of selected Surahs of Holy Quran in each Grade.
- *** Non-Muslim students may opt for "Religious Education" in lieu of Islamiat.
- Δ Grade A, B or C may be reflected in character certificate issued by the School

Scheme of Studies for Grades XI - XII

8. Home Economics Group

Sr. No.	Subjects / Activities	Theory + Practical Periods		Theory + Practical Marks		Total Marks	Medium
A	Core Subjects	XI	XII	XI	XII		
1	Translation of Holy Quran**	3	3	50	50	100	—
2	Urdu*	5	5	75	75	150	—
3	English⊙	5	5	75	75	150	—
4	• Islamiat *** • Pakistan Studies	3 -	- 3	40+10 -	- 50	50 50	Urdu / English
5	• Household Management and Resource Development • Shelter & Housing - Design & Technology	6 -	- 6	75 -	- 100	175	Urdu / English
6	• Human Development, Education & Career Planning • Food Science, Health & Hospitality	6 -	- 6	75 -	- 100	175	Urdu / English
7	• Consumerism and Consumer Science • Textile Clothing and Handicrafts	6 -	- 6	75 -	- 100	175	Urdu / English
8	Computer Science & ICT / Mathematics	5	5	75	75+25	175	English
	Total:	37	37	550	650	1200	
B	Co-curricular Activities Δ						
	Tutorial (Speech, Quizes, Critical Thinking Based Activities)	1	1	A/B/C	A/B/C	A/B/C	-
	NCC / WG, Un-armed Combat & Martial Arts, Community Service, Games & Sports	2	2	A/B/C	A/B/C	A/B/C	-
	Total:	3	3				-
	Grand Total:	40	40	550	650	1200	-

* Including Functional Urdu. Foreign students may opt for “Pakistan Culture” in lieu of Urdu.

⊙ Including Functional English.

** Translation of selected Surahs of Holy Quran in each Grade.

*** Non-Muslim students may opt for “Religious Education” in lieu of Islamiat.

Δ Grade A, B or C may be reflected in character certificate issued by the School.

Scheme of Studies for Grades XI - XII

9. Islamic Studies Group

Sr. No.	Subjects / Activities	Theory + Practical Periods		Theory + Practical Marks		Total Marks	Medium
A	Core Subjects	XI	XII	XI	XII		
1	Translation of Holy Quran**	3	3	50	50	100	
2	Urdu*	5	5	75	75	150	—
3	English	5	5	75	75	150	—
4	•Islamiat *** •Pakistan Studies	3	—	40+10	—	50	Urdu / English
		—	3	—	50	50	
5	•Arabic & Quranic Studies	6	6	75	100	175	Urdu / Respective Language
6	•Advanced Islamic Studies	6	6	75	100	175	Urdu
7	Muslim History & Culture	6	6	75	100	175	Urdu
8	Computer Science & ICT	4	3+1	75	75+25	175	English
	Total:	38	38	550	650	1200	
B	Co-curricular Activities Δ						
	Tutorial (Speech, Quizes, Critical Thinking Based Activities)	1	1	A/B/C	A/B/C	A/B/C	—
	• Civil Defence / Nursing, First Aid, Community Service, Games & Sports	1	1	A/B/C	A/B/C	A/B/C	—
	Total:	2	2				
	Grand Total:	40	40	550	650	1200	

- * Including Functional Urdu. Foreign students may opt for “Pakistan Culture” in lieu of Urdu.
 ◎ Including Functional English.
 ** Translation of selected Surahs of Holy Quran in each Grade.
 *** Non-Muslim students may opt for “Religious Education” in lieu of Islamiat.
 Δ Grade A, B or C may be reflected in character certificate issued by the School

Scheme of Studies for Grades XI - XII

10. Applied Arts Group

Sr. No.	Subjects / Activities	Theory + Practical Periods		Theory + Practical Marks		Total Marks	Medium
A	Core Subjects	XI	XII	XI	XII		
1	Translation of Holy Quran**	3	3	50	50	100	—
2	Urdu*	5	5	75	75	150	—
3	English [⊙]	5	5	75	75	150	—
4	• Islamiat *** • Pakistan Studies	3 -	- 3	40+10 -	- 50	50 50	Urdu / English
5	• Interior Design & Decoration • Fashion Design	6 -	- 6	75 -	- 100	175	Urdu / English
6	• Graphic Design & Animations • Product & Industrial Design	6 -	- 6	75 -	- 100	175	Urdu / English
7	• Photography, Videos & Digital Signage • Architecture	6 -	- 6	75 -	- 100	175	Urdu / English
8	Computer Science & ICT	3+1	3+1	75	100	175	English
	Total:	38	38	550	650	1200	
B	Co-curricular Activities ^Δ						
	Tutorial (Speech, Quizes, Critical Thinking Based Activities)	1	1	A/B/C	A/B/C	A/B/C-	-
	• NCC / WG, Un-armed Combat & Martial Arts, Community Service, Games & Sports	1	1	A/B/C	A/B/C	A/B/C	-
	Total:	3	3				-
	Grand Total:	40	40	550	650	1200	-

- * Including Functional Urdu. Foreign students may opt for "Pakistan Culture" in lieu of Urdu.
 ⊙ Including Functional English.
 ** Translation of selected Surahs of Holy Quran in each Grade.
 *** Non-Muslim students may opt for "Religious Education" in lieu of Islamiat.
 Δ Grade A, B or C may be reflected in character certificate issued by the School.