

**(A) SCHEME OF STUDIES
(ACADEMIC STREAM)**

FOR

Senior Secondary (12th Class) Examination

(a) Compulsory Subjects: Every candidate shall offer the following subjects:

Sr. No.	Subject	Th		Prac		CCE		Total Marks	Min Pass Marks
		Max/Min		Max/Min		Max/Min			
1.	General English	50	17			25	08	75	25
2.	General Punjabi Or Punjab History and Culture	50	17			25	08	75	25
3.	Environmental Education	35	12			15	5	50	17
4.	Computer Science	30	10	40	13	30	10	100	33

***Important Note:** Every candidate shall offer 'Environmental Education and Computer Science' as compulsory subjects. Examination of these subjects will be conducted at the school level. Evaluation also shall be done at school level and result in the form of Grades as shown in the Pass Formula will be sent to the Board and same will be reflected on the Certificate.

Note: 1. A candidate who has passed the Matriculation examination from a Board other than the Punjab School Education Board can have Punjab History and Culture in lieu of the Compulsory Punjabi Subject in the 11th/12th classes. Such students will furnish proof of not having studied Punjabi at the Matric level.

2. A candidate who has passed Matriculation examination from the Punjab School Education Board with 'Punjab History and Culture' as a subject can opt for Punjab History and Culture in lieu of compulsory Punjabi in the 11th and 12th classes.

(b) Elective Subjects:

In addition to the compulsory subjects every candidate shall offer any of the following groups:

Group I Humanities

Group II Science

Group III Commerce

Group IV Agriculture

Group V Technical

(c) Additional Subjects:

In addition to three elective subjects offered by a candidate out of the group (only in case of Humanities, Science and Agriculture groups) a student may offer one additional subject from the same group.

HUMANITIES GROUP

Every candidate shall offer any three elective subjects from the following:

Sr. No.	Subject	Th		Prac		CCE		Total Marks	Min Pass Marks
		Min/Max		Min/Max		Min/Max			
1.	Language (anyone)								
i.	Punjabi (Elective)	70	23			30	10	100	33
ii.	Hindi	70	23			30	10	100	33
iii.	English(Elective)	70	23			30	10	100	33
iv.	Urdu	70	23			30	10	100	33

2.	Classical/Foreign Language (anyone)								
i.	Sanskrit	70	23			30	10	100	33
ii.	Arabic	70	23			30	10	100	33
iii.	Persian	70	23			30	10	100	33
	OR								
iv.	French	50	17	20	06	30	10	100	33
v.	German	50	17	20	06	30	10	100	33
vi.	Russian	50	17	20	06	30	10	100	33
vii.	Korean	50	17	20	06	30	10	100	33
3.	History	70	23			30	10	100	33
4.	Economics	70	23			30	10	100	33
5.	Mathematics	70	23			30	10	100	33
6.	Business Organisation & Management	70	23			30	10	100	33
7.	Book Keeping and Accountancy	70	23			30	10	100	33
8.	Political Science	70	23			30	10	100	33
9.	Sociology	70	23			30	10	100	33
10.	Public Administration	70	23			30	10	100	33
11.	Philosophy	70	23			30	10	100	33
12.	Education	70	23			30	10	100	33
13.	Religion	70	23			30	10	100	33
14.	Geography	50	17	20	06	30	10	100	33
15.	Defence Studies	50	17	20	06	30	10	100	33
16.	Psychology	50	17	20	06	30	10	100	33
17.	History and Appreciation of Art	70	23			30	10	100	33
18.	Geometrical Perspective and Architectural Drawing	70	23			30	10	100	33
19.	Rural Development and Environment	70	23			30	10	100	33
20.	Insurance	70	23			30	10	100	33
21.	Computer Application	50	17	20	06	30	10	100	33
22.	Agriculture	50	17	20	06	30	10	100	33
23.	Home Science	40	13	30	10	30	10	100	33
24.	Music (Vocal)	30	10	40	13	30	10	100	33
25.	Gurmat Sangeet	30	10	40	13	30	10	100	33
26.	Music (Instrumental)	30	10	40	13	30	10	100	33
27.	Music (Tabla)	30	10	40	13	30	10	100	33
28.	Music (Dance)	30	10	40	13	30	10	100	33
29.	Physical Education & Sports	30	10	40	13	30	10	100	33
30.	Drawing & Painting			70	23	30	10	100	33
31.	Commercial Art	70	23			30	10	100	33
32.	Modeling and Sculpture			70	23	30	10	100	33
33.	Media Studies	50	17	20	06	30	10	100	33

Note: (1) Candidates taking up Home Science as an elective subject may choose atleast one subject from Sociology, Psychology and Economics if they wish to seek admission to higher courses in Home Science.

(2) The syllabus of computer application will be same as prescribed in the Science Group.

(3) The syllabus of Agriculture will be same as prescribed in the Agriculture Group.

Imp. Note : If a candidate wants to appear in a language other than Punjabi, Hindi, English, Sanskrit, Urdu, Arabian, Persian and French, he/she shall have to take prior permission from Director Academics.

SCIENCE GROUP

Every candidate shall offer the following subjects:

Sr. No.	Subject	Th		Prac		CCE		Total Marks	Min Pass Marks
		Min/Max		Min/Max		Min/Max			
1.	Physics	50	17	20	06	30	10	100	33
2.	Chemistry	50	17	20	06	30	10	100	33
3.	Biology	50	17	20	06	30	10	100	33
	Or Mathematics	70	23			30	10	100	33
A candidate can offer an additional subject out of the following:									
I.	Geology	50	17	20	06	30	10	100	33
II.	Geography	50	17	20	06	30	10	100	33
III.	Home Science	40	13	30	10	30	10	100	33
IV.	Agriculture	50	17	20	06	30	10	100	33
V.	Biology	50	17	20	06	30	10	100	33
	Or Mathematics	70	23			30	10	100	33
VI.	Computer Application	50	17	20	06	30	10	100	33
VII.	Elements of Electronic Engg.	30	10	40	13	30	10	100	33
VIII	Economics	70	23			30	10	100	33
IX.	Biotechnology	50	17	20	06	30	10	100	33

Note: (1) In addition to three elective subjects offered by a candidate out of Science group a candidate desiring higher studies in Ayurveda, may offer Sanskrit as an additional language. The syllabus of Sanskrit will be the same as prescribed in the Humanities Group.

(ii) The Syllabi in subjects of Economics, Geography, Home Science and Mathematics will be the same as prescribed in the Humanities Group.

(iii) The syllabus in the subject of Agriculture will be same as prescribed in the Agriculture Group.

COMMERCE GROUP

Sr. No.	Subject	COMMERCE GROUP						Total Marks	Min Pass Marks
		Th		Prac		CCE			
		Min/Max		Min/Max		Min/Max			
1.	Business Studies-II	50	17			25	08	75	25
2.	Accountancy II	35	12	15	5	25	08	75	25
3.	Business Economics & Quantitative Methods-II	50	17			25	08	75	25
4.	Fundamentals of E-Business	35	12	15	5	25	08	75	25

A candidate can also offer an additional subject out of the following:

(a) Computer Application

(b) Mathematics

- Note:** (i) All the four Elective subjects i.e. Sr. No. 1 to 4 are compulsory.
- (ii) The syllabus of Computer Application will be the same as prescribed in Science and Humanities Group.
- (iii) The syllabus of Mathematics will be the same as prescribed in Humanities Group.

AGRICULTURE GROUP

Sr. No	Subject	Th		Prac		CCE		Total Marks	Min Pass Marks
		Min/Max		Min/Max		Min/Max			
1.	Agriculture	50	17	20	06	30	10	100	33
2. & 3. Any two of the following:									
(i)	Physics	50	17	20	06	30	10	100	33
(ii)	Chemistry	50	17	20	06	30	10	100	33
(iii)	Economics	70	23			30	10	100	33
(iv)	Rural Development & Environment	70	23			30	10	100	33
(v)	Geography	50	17	20	06	30	10	100	33
A candidate can offer an additional subject out of the following:									
(a)	Mathematics	70	23			30	10	100	33
(b)	Computer Application	50	17	20	06	30	10	100	33

Note: The Syllabi in the subjects of Physics, Chemistry and Computer Application will be same as prescribed in the Science Group and that of Geography, Mathematics, Economics and Rural Development & Environment will be the same as in the Humanities Group.

Abbreviations :

- Th - Theory
- Pr - Practical
- CCE - Continuous Comprehensive Evaluation.

TECHNICAL GROUP

Every candidate shall offer the following subjects:

Sr. No.	Subject	Th		Prac		CCE		Total Marks	Min Pass Marks
		Min/Max		Min/Max		Min/Max			
(i)	Elements of Building Construction	15	5	35	12	25	8	75	25
(ii)	Elements of Electronics engineering	15	5	35	12	25	8	75	25
(iii)	Elements of Mech. engineering	15	5	35	12	25	8	75	25
(iv)	Elements of Elect. Engineering	15	5	35	12	25	8	75	25
(v)	Engineering Drawing	15	5	35	12	25	8	75	25
2.	Physics	35	12	15	5	25	8	75	25
3.	Chemistry	35	12	15	5	25	8	75	25
4.	Mathematics	50	17	-	-	25	8	75	25

Note: 1 A candidate can offer computer application as an additional subjects also. The syllabus of computer application will be the same as prescribed in Science Group.

Note: 2 The syllabus for Technical Group can be obtained from Director Academics, Punjab School Education Board, Mohali.