

**SCHEME OF STUDIES**  
**12th CLASS EXAMINATION**  
**(SENIOR SECONDARY CERTIFICATE EXAMINATION-II)**  
**(VOCATIONAL STREAM) Session-2022-23**

**Subjects for Studies**

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

Sr. No.	Subject	Marks			
		Th.	Pr	CCE	Total
1.	General English	80	-	20	100
2.	General Punjabi Or Punjab History and Culture	80	-	20	100
3.	Environmental Education	45	-	5	50
4.	Computer Science	50	45	5	100
5.	Welcome life	50	40	10	100
	General Foundation Course (GFC)	45	-	5	50

Note: The question papers of the above subjects name will be supplied by the Board & it will be compulsory for the students to score at least 33%marks Grading criteria as mentioned below is same as that of academic stream. For General Foundation Course (G.F.C):

<b>Marks</b>	<b>Grading</b>
1. 90% and above	‘A+’
2. 75% & above but less than 90%	‘A’
3. 60% & above but less than 75%	‘B’
4. 45% & above but less than 60%	‘C’
5. 33% & above but less than 45%	‘D’
6. Less than 33%	‘E’

**Note:** To be declared 'Pass' a student has to clear General Foundation Course minimum with Grade 'D'.

**(b) Elective Subjects:** Every candidate shall offer any one trade relating to anyone of the following groups. (Each trade has three compulsory subjects of 90 marks each and 30 marks are for O.J.T.)

- (i) Agriculture Group
- (ii) Business and Commerce Group
- (iii) Home Science Group
- (iv) Engineering & Technology Group

**Note:-**

- Twenty one days On -the - job training (O.J.T) every year based on the instructions sent by Board from time to time .
- Punjab School Education Board Regulations for Senior Secondary Examination are also applicable to vocational stream with certain exception.
- The Board reserves the right to amend the syllabus of courses and/or scheme of studies as and when it considers necessary.

ਵੇਕੇਸ਼ਨਲ ਸਟਰੀਮ ਦੇ ਕਿਸੇ ਵੀ ਗਰੁੱਪ ਦਾ ਵਿਦਿਆਰਥੀ ਚੋਣਵੇਂ ਟਰੇਡ (ਜਿਸ ਵਿੱਚ ਤਿੰਨ ਚੋਣਵੇਂ ਵਿਸ਼ੇ ਆਉਂਦੇ ਹਨ।) ਦੇ ਨਾਲ ਅਕਾਦਮਿਕ ਸਟਰੀਮ ਦਾ ਕੋਈ ਵੀ ਵਿਸ਼ਾ ਵਾਧੂ ਵਿਸ਼ੇ ਦੇ ਤੌਰ ਤੇ ਚੁਣ ਸਕਦਾ ਹੈ।

ਅਕਾਦਮਿਕ ਸਟਰੀਮ ਦੇ ਵਿਸ਼ਿਆਂ ਦੀ ਸੂਚੀ ਹੇਠ ਲਿਖੇ ਅਨੁਸਾਰ ਹੈ:-

1. Punjabi
2. Hind
3. English
4. Urdu
5. Sanskrit
6. French
7. German
8. History
9. Economics
10. Mathematics
11. Political Science
12. Public Administration
13. Religion
14. Music (Vocal)
15. Gurmat Sangeet
16. Music (Instrumental)
17. Music (Tabla)
18. Music (Dance)
19. Philosophy
20. Geography
21. Defence Studies
22. Psychology
23. Home Science
24. . Modelling and Sculpture
25. Commercial Art
26. Drawing and Painting
27. History and Appreciation of Art
28. Physical Education and Sports
29. Media Studies
30. Physics
31. Chemistry
32. Biology
33. Computer Application
34. Business Studies
35. Accountancy
36. Fundametal of e- Business
37. Agriculture
38. National Cadet Corps (NCC)

<b>Group AGRICULTURE</b>									
<b>Trade (A01) Horticulture</b>			<b>TH. / PRAC. / INA</b>					<b>Total Marks</b>	<b>Min. Pass Marks</b>
			<b>MAX/MIN</b>		<b>MAX/MIN</b>				
074	LANDSCAPING AND FLORICULTURE	Paper - 1	30	10	50	17	10	90	30
073	COMMERCIAL CROPS	Paper - 2	30	10	50	17	10	90	30
075	POST HARVEST TECHNOLOGY & PRESERVATION	Paper - 3	30	10	50	17	10	90	30
<b>Group BUSINESS AND COMMERCE</b>									
<b>Trade (B09) Insurance</b>									
169	PRINCIPLES & PRACTICES OF INSURANCE - II	Paper - 1	30	10	50	17	10	90	30
170	INSURANCE LEGISLATION - II	Paper - 2	30	10	50	17	10	90	30
171	INSURANCE SALESMANSHIP - II	Paper - 3	30	10	50	17	10	90	30
<b>Trade (B10) Marketing</b>									
172	ADVANCED MANAGEMENT-II	Paper - 1	30	10	50	17	10	90	30
173	MARKETING MANAGEMENT - II	Paper - 2	30	10	50	17	10	90	30
174	SALESMANSHIP - II	Paper - 3	30	10	50	17	10	90	30
<b>Trade (B13) Import and Export Management</b>									
181	MANAGEMENT - II	Paper - 1	30	10	50	17	10	90	30
182	TECHNOLOGY & E-COMMERCE - II	Paper - 2	30	10	50	17	10	90	30
183	IMPORT MANAGEMENT	Paper - 3	30	10	50	17	10	90	30
<b>Trade (B15) Co-operative Management</b>									
187	BOOK KEEPING - II	Paper - 1	30	10	50	17	10	90	30
188	APPLICATION OF MANAGEMENT	Paper - 2	30	10	50	17	10	90	30
189	CO-OPERATIVE MANAGEMENT - II	Paper - 3	30	10	50	17	10	90	30
<b>Trade (B16) Taxation Practices</b>									
190	ELEMENTS OF BOOK KEEPING - II	Paper - 1	30	10	50	17	10	90	30
191	PRINCIPLES OF MANAGEMENT - II	Paper - 2	30	10	50	17	10	90	30
192	FUNDAMENTALS OF INCOME TAX - II	Paper - 3	30	10	50	17	10	90	30
<b>Trade (B17) Modern Office Practices</b>									
211	OFFICE MANAGEMENT-II	Paper - 1	30	10	50	17	10	90	30
212	TYPOGRAPHY-II (ENGLISH/PUNJABI)	Paper - 2	30	10	50	17	10	90	30
213	ACCOUNTING AND E-COMMERCE	Paper - 3	30	10	50	17	10	90	30
214	SHORTHAND-II (ENGLISH/PUNJABI)		30	10	50	17	10	90	30
<b>Trade (B18) Banking And Financial Services</b>									
216	ADVANCES AND FOREIGN EXCHANGE	Paper - 1	30	10	50	17	10	90	30
215	MANAGERIAL ECONOMICS AND STATISTICS	Paper - 2	30	10	50	17	10	90	30
217	INTRODUCTION TO COMPUTER APPLICATIONS	Paper - 3	30	10	50	17	10	90	30

<b>Group HOME SCIENCE</b>									
<b>Trade (C01) Food Preservation</b>									
092	FOOD PROCESSING	Paper - 1	30	10	50	17	10	90	30
093	PLANT MANAGEMENT	Paper - 2	30	10	50	17	10	90	30
094	FOOD PACKAGING	Paper - 3	30	10	50	17	10	90	30
<b>Trade (C02) Garment Making</b>									
095	DRESS MAKING	Paper - 1	30	10	50	17	10	90	30
096	COMMERCIAL CLOTHING	Paper - 2	30	10	50	17	10	90	30
097	UNIT MANAGEMENT	Paper - 3	30	10	50	17	10	90	30
<b>Trade (C03) Knitting</b>									
100	TEXTILE YARN CALCULATIONS & GARMENT MAKING	Paper - 1	30	10	50	17	10	90	30
099	CIRCULAR KNITTING	Paper - 2	30	10	50	17	10	90	30
098	FASHIONED KNITWEAR	Paper - 3	30	10	50	17	10	90	30
<b>Trade (C04) Textile (Weaving)</b>									
101	FABRIC STRUCTURE AND DESIGNING	Paper - 1	30	10	50	17	10	90	30
102	TEXTILE TESTING AND DYEING	Paper - 2	30	10	50	17	10	90	30
103	POWER LOOM MECHANICS AND OPERATIONS	Paper - 3	30	10	50	17	10	90	30
<b>Trade (C05) Textile Designing</b>									
105	TEXTILE TESTING AND FINISHING	Paper - 1	30	10	50	17	10	90	30
104	TEXTILE DESIGNING AND PRINTING - II	Paper - 2	30	10	50	17	10	90	30
106	TEXTILE DYEING - II	Paper - 3	30	10	50	17	10	90	30
<b>Group ENGINEERING &amp; TECHNOLOGY</b>									
<b>Trade (D01) Electrical</b>									
107	ELEMENTS OF ELECTRICAL TECHNOLOGY	Paper - 1	30	10	50	17	10	90	30
108	ELECTRICAL DOMESTIC APPLIANCES - II	Paper - 2	30	10	50	17	10	90	30
109	MATERIALS & WORKSHOP PRACTICE - II	Paper - 3	30	10	50	17	10	90	30
<b>Trade (D02) Electronics</b>									
110	DIGITAL ELECTRONICS AND COMMUNICATION	Paper - 1	30	10	50	17	10	90	30
111	TEST AND MEASURING INSTRUMENTS	Paper - 2	30	10	50	17	10	90	30
112	ELECTRONICS DEVICE AND CIRCUITS	Paper - 3	30	10	50	17	10	90	30
<b>Trade (D03) Architecture</b>									
113	ENGINEERING DRAWING - II	Paper - 1	30	10	50	17	10	90	30
114	WORKSHOP PRACTICE - II	Paper - 2	30	10	50	17	10	90	30
115	CONSTRUCTION MATERIAL AND ESTIMATE	Paper - 3	30	10	50	17	10	90	30
<b>Trade (D04) Mechanical</b>									
116	FITTING AND WELDING	Paper - 1	30	10	50	17	10	90	30
117	MACHINE TOOL OPERATION	Paper - 2	30	10	50	17	10	90	30
118	MECHANICAL DRAWING - II	Paper - 3	30	10	50	17	10	90	30

<b>Trade (D06) Automobile Engineering</b>									
122	WORKSHOP TECHNOLOGY	Paper - 1	30	10	50	17	10	90	30
123	GARAGE PRACTICE AND MANAGEMENT	Paper - 2	30	10	50	17	10	90	30
124	AUTOMOBILE SUSPENSION AND CONTROLS	Paper - 3	30	10	50	17	10	90	30
<b>Trade (D07) Computer Science</b>									
126	DESK TOP PUBLISHING	Paper - 1	30	10	50	17	10	90	30
125	OBJECT ORIENTED PROGRAMMING IN C++	Paper - 2	30	10	50	17	10	90	30
127	NETWORKING	Paper - 3	30	10	50	17	10	90	30