

ਪੰਜਾਬ ਸਕੂਲ ਸਿੱਖਿਆ ਬੋਰਡ



ਸੈਸ਼ਨ 2024-25

ਸਕੀਮ ਆਫ ਸਟਡੀਜ਼

(ਵੇਕੇਸ਼ਨਲ ਸਟਰੀਮ)

SCHEME OF STUDIES
12th CLASS EXAMINATION
(SENIOR SECONDARY CERTIFICATE EXAMINATION-II)
(VOCATIONAL STREAM) Session-2024-25

Subjects for Studies

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

Sr. No.	Subject	Marks			
		Th.	Pr	CCE	Total
1.	General English (001)	80	-	20	100
2.	General Punjabi (002) Or Punjab History and Culture (003)	80	-	20	100
3.	Environmental Education (Grade)	40	-	10	
4.	Computer Science (146) (Grade)	50	45	5	
5.	General Foundation Course (GFC) (138) (Grade)	45	-	5	
6.	On job training (ojt)	-	30	-	30
7.	Paper-1 (Elective Subject)	30	50	10	90
8.	Paper-2(Elective Subject)	30	50	10	90
9.	Paper-3(Elective Subject)	30	50	10	90

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.

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

Important Notes:

- It is mandatory to get minimum 33% marks in theory and practical separately, No minimum marks are required in internal assessment but it is mandatory to get 33% marks in theory, practical and internal assessment in aggregate.
- Every candidate shall opt Computer Science as compulsory subject. Examination and Evaluation of this subject shall be done at Board level and result in the form of Grades as well as marks will be reflected on the certificate.
- Examination and Evaluation of Environmental Education will be done at school level and the marks obtained by the students will be sent to Board by schools.
- A candidate who has passed the Matriculation Examination from a Board other than Punjab School Education Board can opt Punjab History and Culture in lieu of the compulsory General Punjabi Subject. Such students furnish proof of not having studied Punjabi at Matriculation level.
- A candidate who has passed Matriculation Examination from 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 class 12th class.

6. Twenty one days On The Job Training (O.J.T) every year in the month of November-December 30 marks are for O.J.T.
7. 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):

Marks	Grading
1. Above 90% marks	'A+'
2. Above 80% marks and upto 90% marks	'A'
3. Above 70% marks and upto 80% marks	'B+'
4. Above 60% marks and upto 70% marks	'B'
5. Above 50% marks and upto 60% marks	'C+'
6. Above 40% marks and upto 50% marks	'C'
7. Marks 33% and upto 40% marks	'D'
8. Below 33% marks	'E'

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

Note:- 1. Punjab School Education Board Regulations for Senior Secondary Examination are also applicable to vocational stream with certain exception.

2. The Board reserves the right to amend the syllabus of courses and/or scheme of studies as and when its considered 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. Hindi
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. Modeling 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 Applicatio
34. Business Studies
35. Accountancy
36. Fundametal of e- Business
37. Agriculture
38. National Cadet Corps (NCC)

1. Group AGRICULTURE									
Trade (A01) Horticulture			TH. / PRAC. / INA					Total Marks	Min. Pass Marks
			MAX/MIN	MAX/MIN					
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
2. Group BUSINESS AND COMMERCE									
Trade (B09) Insurance									
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
Trade (B10) Marketing									
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
Trade (B13) Import and Export Management									
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
Trade (B15) Co-operative Management									
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
Trade (B16) Taxation Practices									
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
Trade (B17) Modern Office Practices									
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
Trade (B18) Banking And Financial Services									
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

3. Group HOME SCIENCE									
Trade (C01) Food Preservation									
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
Trade (C02) Garment Making									
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
Trade (C03) Knitting									
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
Trade (C04) Textile (Weaving)									
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
Trade (C05) Textile Designing									
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
4. Group ENGINEERING & TECHNOLOGY									
Trade (D01) Electrical									
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
Trade (D02) Electronics									
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
Trade (D03) Architecture									
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
Trade (D04) Mechanical									
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

<i>Trade (D06) Automobile Engineering</i>									
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
<i>Trade (D07) Computer Science</i>									
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