

**A. SCHEME OF STUDIES**  
**12th CLASS EXAMINATION**  
**(SENIOR SECONDARY CERTIFICATE EXAMINATION-II)**  
**(VOCATIONAL STREAM)**  
**ADMISSION YEAR 2021-22... ONWARD**

**Subjects for Studies**

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

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

**Note:** For the subjects mentioned at '\*' examination will be conducted at school level, grades will be assigned and sent to Board. But the question papers of the said subjects will be supplied by the Board & it will be compulsory for the students to score at least 33%marks/'D' grade in these subjects to declare them pass. Grading criteria as mentioned below is same as that of academic stream.

For General Foundation Course (G.F.C):

Marks	Grading
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
- (v) Humanities and Others Group

**Broad distribution of marks and periods per week.**

	Marks					Periods			
	Th.	P.	InA	OJT.	Total	Th.	P.	Total	OJT.
Elective Subject - I	30	50	10	10	100	2	6	8	3 Months
Elective Subject - II	30	50	10	10	100	2	6	8	
Elective Subject - III	30	50	10	10	100	2	6	8	

- Note:**
1. Six period are for Library Studies/Extra Curricular Activities/Optional/ Tutorials/ Assignments.
  2. Three months are for On-the-job training (O.J.T) every year based on the instructions sent by the Board from time to time .
  3. Punjab School Education Board Regulations for Senior Secondary Examination are also applicable to vocational stream with certain exceptions.
  4. The Board reserves the right to amend syllabus courses and/or scheme of studies as and when it considers necessary.

**\* InA : Internal Assesment**

<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

**Note:**

1. On-the-job training (O.J.T) is under discussion with DGSE office .
2. In any subject if there is only one paper either of theory or of practical, the total marks for that subject will be 90 and the periods allotted will be ten.
3. Punjab School Education Board Regulations for Senior Secondary Examination are also applicable to vocational stream with certain exceptions.
4. The Board reserves the right to amend syllabus courses and/or scheme of studies as and when it considers necessary.