



# **BOARD OF SCHOOL EDUCATION HARYANA**

## **Syllabus and Unit Wise Division of Marks (2025-26)**

**Class- 10th      Plumbing (NSQF)      Code: PLM 985**

### **General Instructions:**

1. There will be an Annual Examination Based on the Entire Syllabus.
2. The Annual Examination will be (60/2) 30 Marks and, External Assessment (Practical) Examination will be 50 Marks and 20 Marks weightage shall be for Internal Assessment.
3. For External Assessment (Practical) Examination:
  - (i) External Assessment- Hand on Skill of 25 (Written 10, Practical 15).
  - (ii) External Assessment- Portfolio of 10.
  - (iii) External Assessment- Viva of 15.
4. For Internal Assessment:
  - (i) For 4 Marks- Two SAT Exams will be conducted and will have a weightage of 04 Marks towards the Final Internal Assessment.
  - (ii) For 2 Marks- Half Yearly Exam will be conducted and will have a weightage of 02 Marks towards the Final Internal Assessment.
  - (iii) For 2 Marks- Pre-Board Yearly Exam will be conducted and will have a weightage of 02 Marks towards the Final Internal Assessment.
  - (iv) For 2 Marks- Subject Teacher will Assess and give Maximum 02
  - (v) For 5 Marks- A Project Work to be Done by Students and will have a weightage of 05 Marks towards the Final Internal Assessment.
  - (vi) For 5 Marks- Attendance of Student will be Awarded 05 Marks as:

75% to 80%	- 01 Marks
Above 80% to 85%	- 02 Marks
Above 85% to 90%	- 03 Marks
Above 90% to 95%	- 04 Marks
Above 95%	- 05 Marks



## NSQF Course Structure (2025-26)

Class- 10<sup>th</sup> Plumbing (NSQF) Code: PLM 985

Sr. No.	Vocation Skill Units	Marks
1.	Unit 1: Pipes – Cutting, Threading, Joining and Testing of Pipelines	05
2.	Unit 2: Plumbing and Sanitary Fixtures	10
3.	Unit 3: Basic Building Construction	05
4.	Unit 4: Pumps and their Installation	10
5	Unit 5: Performing various Plumbing related Operations and Procedures	10
6	Unit 6: Maintaining a Healthy, Safe and Secure Work Environment	10
	<b>Employability Skill Units</b>	
1.	Unit 1: Communication Skill (Session 1 to 7).	2
2.	Unit 2: Self- Management Skill (Session 1 to 5).	2
3.	Unit 3: Information and Communication Technology Skill. (Session 1 to 4).	2
4.	Unit 4: Entrepreneurship Skill (Session 1 to 4).	2
5.	Unit 5: Green Skill (Session 1 to 2).	2
	<b>Total</b>	(60/2) =30
	<b>Practical Examination</b>	50
	<b>Internal assessment</b>	20
	<b>Grand Total</b>	<b>100</b>



## **Vocational Plumbing Subject Book:**

Unit 1: Pipes – Cutting, Threading, Joining and Testing of Pipelines

Unit 2: Plumbing and Sanitary Fixtures

Unit 3: Basic Building Construction

Unit 4: Pumps and their Installation

Unit 5: Performing various Plumbing related Operations and Procedures

Unit 6: Maintaining a Healthy, Safe and Secure Work Environment

## **Employability Skill Book:**

### **Unit 1: Communication Skills.**

Session 1: Methods of Communication.

Session 2: Verbal Communication.

Session 3: Non-Verbal Communication.

Session 4: Communication Cycle and Importance of Feedback.

Session 5: Barriers to Effective Communication.

Session 6: Writing Skills: Parts of Speech.

Session 7: Writing Skills: Sentences.

### **Unit 2: Self-Management Skills.**

Session 1: Stress Management.

Session 2: Self – Awareness – Strength and Weakness Analysis.

Session 3: Self - Motivation.

Session 4: Self – Regulation – Goal Setting.

Session 5: Self – Regulation – Time Management.

### **Unit 3: Information and Communication Technology Skills.**

Session 1: Basic Computer Operations.

Session 2: Performing Basic File Operation.

Session 3: Computer Care and Maintenance.

Session 4: Computer Security and Privacy.

### **Unit 4: Entrepreneurship Skills.**

Session 1: Entrepreneurship and Society.

Session 2: Qualities and Functions of Entrepreneurship.

Session 3: Myths about Entrepreneurship.

Session 4: Entrepreneurship as a Career Option.

### **Unit 5: Green Skills.**

Session 1: Sustainable Development.

Session 2: Our Role in Sustainable Development.



## Month wise NSQF Syllabus Teaching Plan (2025-26)

Class- 10<sup>th</sup>

Plumbing (NSQF)

Code: PLM 985

Month	Subject- Plumbing	Teaching Periods	Revision Periods	Practical Work
April	<b><u>Vocational Skill</u></b> : - Class Admission and Class Readiness Programme Activities. Introduced skills subjects, Brief to Plumbing Industry, Scope in Plumbing Industry. <b><u>Employability Skill</u></b> . Unit 1: Communication Skill. Session 1 Method of Communication. Session 2 Verbal Communication. Session 3 Non-Verbal Communication. Session 4 Communication Cycle and Importance of Feedback.	5	5	4
May	<b><u>Vocational Skill</u></b> . Unit 1: Pipes – Cutting, Threading, Joining and Testing of Pipelines . <b><u>Employability Skill</u></b> . Unit 1: Communication Skill. Session 5 Barriers of Effective Communication. Session 6 Writing Skill-Parts of Speech. Session 7 Writing Skills- Sentences.	5	5	4
June	Summer Vacation			
July	<b><u>Vocational Skill</u></b> . Unit 2: Plumbing and Sanitary Fixtures <b><u>Employability Skill</u></b> . Unit 2: Self- Management Skill. Session 1 Self-Management. Session 2 Self Awareness- Strength and Weakness Analysis. Session 3 Self-Motivation	5	5	4
		4	4	2



Month	Subject- Plumbing	Teaching Periods	Revision Periods	Practical Work
August	<b><u>Employability Skill</u></b> . Unit 2: Self- Management Skill. Session 4 Self- Regulation – Goal Setting. Session 5 Self- Regulation – Time Management. Unit 3: Information and Communication Technology Skill. Session 1 Basic Computer Operations. Session 2 Performing Basic File Operations	5	5	2
September	<b><u>Vocational Skill</u></b> . Unit 3: Basic Building Construction <b><u>Employability Skill</u></b> . Unit 3: Information and Communication Technology Skill. Session 3 Computer Care and Maintenance. Session 4 Computer Security and Privacy.	5	5	2
October	<b><u>Vocational Skill</u></b> . Unit 4: Pumps and their Installation <b><u>Employability Skill</u></b> . Unit 4: Entrepreneurship Skill. Session 1 Entrepreneurship and Society. Session 2 Qualities and Functions of an Entrepreneurship	5	5	4
November	<b><u>Vocational Skill</u></b> . Unit 5: Performing various Plumbing related Operations and Procedures <b><u>Employability Skill</u></b> . Unit 4: Entrepreneurship Skill. Session 3 Myths About Entrepreneurship. Session 4 Entrepreneurship as a Career Option	5	5	4
		4	4	2



Month	Subject- Plumbing	Teaching Periods	Revision Periods	Practical Work
December	Unit 6: Maintaining a Healthy, Safe and Secure Work  <b><u>Employability Skill.</u></b> Unit 5: Green Skill. Session 1 Sustainable Development	5  4	5  4	4  2
January	<b><u>Vocational Skill.</u></b> Plumbing Unit 1 and Unit 2 Revision <b><u>Employability Skill.</u></b> Unit 5: Green Skill. Session 2 Our Role in Sustainable Development	5  5	5  5	2  2
February	<b><u>Vocational Skill.</u></b> Revision of Complete Syllabus. <b><u>Employability Skill.</u></b> . Revision of Complete Syllabus.	5  5	5  5	2  2
March	Annual Examination			

### Note:

- Subject Teachers are advised to direct the students to prepare notebook of the Terminology/Definitional Words used in the chapters for enhancement of vocabulary or clarity of the concept.
- The NCERT textbook present information in boxes the book. These help students to get conceptual clarity. However, the information in these boxes would not be assessed in the year-end examination.

### **Prescribed Books:**

1. Plumbing Skill Book- Text Book for Class X, PSSCIVE Publication.
2. Employability Skill Book- Text Book for Class X, PSSCIVE Publication.



## NSQF Question Paper Design (2025-26)

Class- 10<sup>th</sup> Plumbing (NSQF) Code: PLM 985

Timing 2 Hours 30 Minutes

Competencies	Total
Knowledge	40%
Understanding	30%
Application	20%
Skill	10%
Total	100%

Type of Question	Marks	Number	Description	Total Marks
Objective Questions	1	15	6 Multiple Choice Questions, 3 Fill in the Blanks Questions, 3 One Word Answer Type Questions, 3 Assertion-Reason Questions	15
Very Short Answer Type Question	2	6	Internal choice will be given in any 2 questions	12
Short Answer Type Question	3	6	Internal choice will be given in any 2 questions	18
Essay Answer Type Question	5	3	Internal options will be given in all the questions	15
Total		30		60

