BOARD OF SCHOOL EDUCATION HARYANA

Syllabus and Chapter wise division of Marks (2025-26)

Class- 11th   **Subject: 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 of 60/2=30 marks, Practical Examination will be of 50 marks and 20 marks weightage shall be for Internal Assessment.

3. For Practical Examination:

     i) Practical File of 25 marks.

     ii) One activity of 10 marks.

     iii) Viva-voce of 15 marks.

4. For Internal Assessment:

     There will be Periodic Assessment that would include:

     i)   For 6 marks- Three SAT exams will be conducted and will have a weightage of 06 marks towards the final Internal Assessment.

     ii)   For 2 marks- One half yearly exam will be conducted and will have a weightage of 02 marks towards the final Internal Assessment.

     iii)   For 2 marks- Subject teacher will assess and give maximum 02 marks for CRP (Class room participation).

     iv)   For 5 marks- A project work to be done by students and will have a weightage of 05 marks towards the final Internal Assessment.

     v)   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% to -	- 05 Marks

Course Structure (2025-26)

Class- 11th   Subject: Plumbing (NSQF)   **Code: PLM 985**

Unit. No.	Vocation Skill Unit Name	Unit Marks
1.	Module 1. Introduction to Advance Plumbing	12
2.	Module 2. Advance Pipe Fittings	12
3.	Module 3. Installation and Maintenance of Plumbing	18
4.	Module 4. Health and Safety at workplace	08
Unit. No.	Employability Skill Units	Unit Marks
1.	Communication Skills	2
2.	Self-Management Skills	2
3.	Information and Communication Technology Skills	2
4.	Entrepreneurship Skills	2
5.	Green Skills	2
	Total	60/2=30
	Practical Examination	50
	Internal Assessment	20
	Grand Total	**100**

Module 1. Introduction to Advance Plumbing
Module Structure 1.1 to 1.12
Module 2. Advance Pipe Fittings
Module Structure 2.1 to 2.21
Module 3. Installation and Maintenance of Plumbing
Module Structure 3.1 to 3.13

Module 4. Health and Safety at workplace
Module Structure 4.1 to 4.8

Employability Skill

Unit 1: Communication Skills
Session 1: Introduction to Communication
Session 2: Verbal Communication
Session 3: Non-Verbal Communication
Session 4: Writing Skills: Parts of Speech
Session 5: Communication Styles –Assertiveness
Session 6: Saying No- Refusal Skills
Session 7: Writing Skills: Sentences
Session 8: Pronunciation Basics
Session 9: Greetings and Introduction
Session 10: Talking about Self
Session 11: Asking Questions
Session 12:Talking About Family
Session 13: Describing Habits and Routines
Session 14: Asking For Directions

Unit 2: Self-Management Skills
Session 1: Strength and Weakness Analysis
Session 2: Grooming
Session 3: Personal Hygiene
Session 4: Team Work
Session 5: Networking Skills
Session 6 : Self-motivation
Session 7 : Goal- Setting
Session 8 : Time Management

Unit 3: Information and Communication Technology Skills
Session 1: Introduction to ICT
Session 2: Basic Interface of Libre Office Writer
Session 3: Saving, Closing, Opening and Printing Document
Session 4: Formatting Text in a Word Document
Session 5: Checking Spelling and Grammar
Session 6: Inserting Lists, Tables, Pictures and Shapes
Session 7: Header, Footer and Page Number
Session 8: Tracking Changes in Libre Office Writer

Unit 4: Entrepreneurship Skills
Session 1: Introduction To Entrepreneurship.
Session 2:Value of an Entrepreneurship
Session 3: Attitude of an Entrepreneur
Session 4: Thinking Like an Entrepreneurship
Session 5: Coming Up a Business Idea
Session 6: Understanding The Market
Session 7: Business Planning

Unit 5: Green Skills
Session 1: Sector of Green Economy
Session 2: Policies for a Green Economy
Session 3: Stakeholders in Green Economy
Session 4: Government And Private Agencies

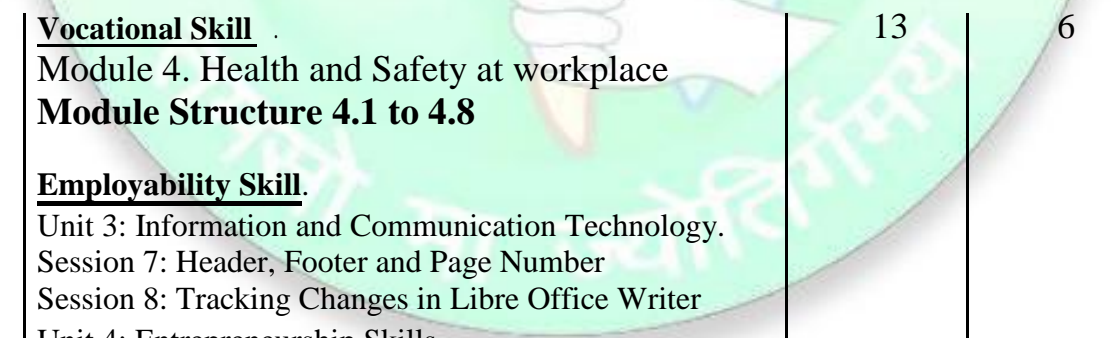# Month wise NSQF Syllabus Teaching Plan (2025-26)

Class- 11th **Subject: Plumbing (NSQF)** **Code: PLM 985**

Month	Subject- Content	Teaching Periods	Revision Periods	Practical Work
April	**Vocational Skill :** - Class Admission and Class Readiness Programme Activities. **Employability Skill**: - Motivation and Introduction to NSQF Subjects.	13		
May	**Vocational Skill** . **Unit 1 Introduction to Advance Plumbing Module Structure 1.1 to 1.6** **Employability Skill**. Unit 1: Communication Skill. Session 1 Introduction to Communication. Session 2 Verbal Communication. Session 3 Non-Verbal Communication. Session 4 Writing Skills: Parts of Speech.	13	6	4
June	During Summer Vacation Home Work/Project			
July	**Vocational Skill**. **Unit 1 Introduction to Advance Plumbing Module Structure 1.7 to 1.12** **Employability Skill**. Unit1: Communication Skill. Session 5: Communication Styles –Assertiveness Session 6: Saying No- Refusal Skills Session 7: Writing Skills: Sentences Session 8: Pronunciation Basics.	12	6	5
August	**Vocational Skill**. Module 2. Advance Pipe Fittings **Module Structure 2.1 to 2.11** **Employability Skill**. Unit1: Communication Skill. Session 9: Greetings and Introduction Session 10: Talking about Self Session 11: Asking Questions Session 12:Talking About Family Session 13: Describing Habits and Routines Session 14: Asking For Directions	11	6	5

September Half Yearly Exam	**Vocational Skill** . Module 2. Advance Pipe Fittings **Module Structure** **2.12 to 2.21** **Employability Skill**. Unit 2: Self-Management Skill. Session 1: Strength and Weakness Analysis Session 2: Grooming Session 3: Personal Hygiene Session 4: Team Work	11	7	5
October	**Vocational Skill** . Module 3. Installation and Plumbing **Module Structure 3.1 to** **3.6** **Employability Skill**. Unit 2: Self-Management Skill. Session 5: Networking Skills Session 6 : Self-motivation Session 7 : Goal- Setting Session 8 : Time Management	10	6	4
November	**Vocational Skill** . Module 3. Installation and Maintenance of Plumbi **Module Structure 3.7 to 3.13** **Employability Skill**. Unit 3: Information and Communication Technology. Session 1: Introduction to ICT Session 2: Basic Interface of Libre Office Writer Session 3: Saving, Closing, Opening and Printing Document Session 4: Formatting Text in a Word Document Session 5: Checking Spelling and Grammar Session 6: Inserting Lists, Tables, Pictures andShapes	12	6	4

| December | **Vocational Skill** .
 Module 4. Health and Safety at workplace
 Module Structure 4.1 to 4.8

 Employability Skill.
 Unit 3: Information and Communication Technology.
 Session 7: Header, Footer and Page Number
 Session 8: Tracking Changes in Libre Office Writer
 Unit 4: Entrepreneurship Skills
 Session 1: Introduction To Entrepreneurship.
 Session 2:Value of an Entrepreneurship
 Session 3: Attitude of an Entrepreneur
 Session 4: Thinking Like an   Entrepreneurship. | 13 | 6 | 5 |

January	**Vocational Skill**.	10	5	4
	Module 1, and 2 Revision **Employability Skill**. Unit 4: Entrepreneurship Skills Session 5: Coming Up a Business Idea Session 6: Understanding The Market Session 7: Business Planning.			
February	**Vocational Skill**. Revision of Complete Syllabus. **Employability Skill**. Unit 5:Green Skill. Session 1: Sector of Green Economy Session 2: Policies for a Green Economy Session 3: Stakeholders in Green Economy Session 3: Government And Private Agencies	8	8	5
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.**

NSQF Question Paper Design (2025-26)

Class- 11th　　　**Subject: Plumbing (NSQF)**　　　**Code: PLM 985**
Time 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 Type Question	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 Type Question	5	3	Internal option will be given in Essay Type question.	15
Total		30		60