



BOARD OF SCHOOL EDUCATION HARYANA

Syllabus and Chapter wise division of Marks (2024-25)

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 (2024-25)

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 (2024-25)

Class- 11th

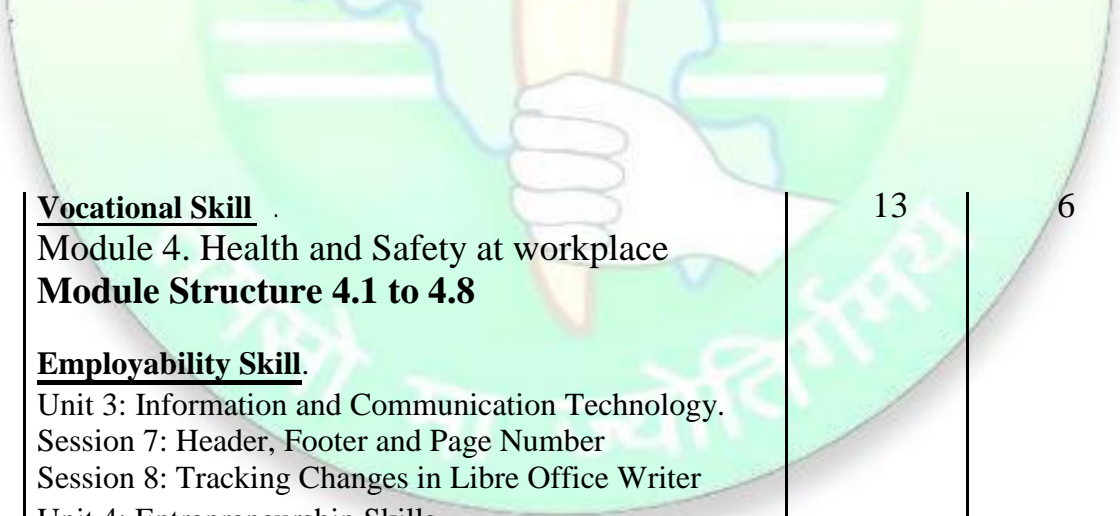
Subject: Plumbing (NSQF)

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



<p>September</p> <p>Half Yearly Exam</p>	<p><u>Vocational Skill</u> . Module 2. Advance Pipe Fittings Module Structure 2.12 to 2.21</p> <p><u>Employability Skill.</u> Unit 2: Self-Management Skill. Session 1: Strength and Weakness Analysis Session 2: Grooming Session 3: Personal Hygiene Session 4: Team Work</p>	11	7	5
<p>October</p>	<p><u>Vocational Skill</u> . Module 3. Installation and Plumbing Module Structure 3.1 to 3.6</p> <p><u>Employability Skill.</u> Unit 2: Self-Management Skill. Session 5: Networking Skills Session 6 : Self-motivation Session 7 : Goal- Setting Session 8 : Time Management</p>	10	6	4
<p>November</p>	<p><u>Vocational Skill</u> . Module 3. Installation and Maintenance of Plumbing Module Structure 3.7 to 3.13</p> <p><u>Employability Skill.</u> 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 and Shapes</p>	12	6	4



December	<p><u>Vocational Skill</u> .</p> <p>Module 4. Health and Safety at workplace</p> <p>Module Structure 4.1 to 4.8</p> <p><u>Employability Skill.</u></p> <p>Unit 3: Information and Communication Technology.</p> <p>Session 7: Header, Footer and Page Number</p> <p>Session 8: Tracking Changes in Libre Office Writer</p> <p>Unit 4: Entrepreneurship Skills</p> <p>Session 1: Introduction To Entrepreneurship.</p> <p>Session 2: Value of an Entrepreneurship</p> <p>Session 3: Attitude of an Entrepreneur</p> <p>Session 4: Thinking Like an Entrepreneurship.</p>	13	6	5
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January	Vocational Skill. 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.	10	5	4
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 (2024-25)

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