



BOARD OF SCHOOL EDUCATION HARYANA

Syllabus and Chapter wise division of Marks (2026-27)

Class-12th Subject: Construction (NSQF) Code: CON 987

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) Two experiments of 10 marks each.
- ii) One activity of 15 marks.
- iii) Practical record of 10 marks.
- iv) 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 (2026-27)

Class- 12th

Subject: Construction(NSQF)

Code: CON 987

Unit. No.	Vocation Skill Unit Name	Unit Marks
1	Random Rubble Masonry	20
2	IPS and Tremix Flooring	15
3	Environmental Health and safety	15
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



Employability Skill

Unit 1: Communication Skills

Session 1: Active Listening

Session 2: Parts of Speech

Session 3: Writing Sentences

Unit 2: Self-Management Skills

Session 1: Motivation and Positive Attitude

Session 2: Result Orientation

Session 3: Self - Awareness

Unit 3: Information and Communication Technology Skills

Session 1: Getting Started with Spreadsheet

Session 2: Performing Basic Operations in a Spreadsheet

Session 3: Working with data and Formatting text

Session 4: Advanced features in spreadsheet

Session 5: Presentation Software

Session 6: Opening, closing , saving and printing a presentation

Session 7: Working with slides and Text in a Presentation

Session 8: Advanced features in Presentation

Unit 4: Entrepreneurship Skills

Session 1: Entrepreneurship and Entrepreneur

Session 2: Barriers to Entrepreneurship

Session 3: Entrepreneurial attitudes

Session 4: Entrepreneurial competencies

Unit 5: Green Skills

Session 1: Green Jobs

Session 2: Importance of Green jobs



Month wise NSQF Syllabus Teaching Plan (2026-27)

Class- 12th

Subject: Construction (NSQF)

Code: CON987

Month	Subject- Content	Teaching Periods	Revision Periods	Practical Work
April	Vocational Skill: Unit –I (Random Rubble Masonry)	11	06	08
	Properties of Stone	01	01	01
	Tools for dressing of rubble masonry	01	01	02
	Rubble Masonry	01	01	01
	Classification of Rubble Masonry	02	01	02
	Types of Stone used in Rubble Masonry	02	01	01
	Various Types of Cement Paste/Adhesives used	02	01	01
	Employability Skill: Unit –I (Communication Skills)			
	Active Listening	01	-	-
May		01	-	-
	Vocational Skill: Unit –I (Random Rubble Masonry)	11	05	05
	Procedure for different Masonry works	02	01	01
	Sub base for random rubble masonry works	02	01	01
	Procedure for performing visual checks on the materials used in random rubble masonry works.	02	01	01
	Procedure for cutting stones to prepare for sides, edges and bed of random rubble masonry works	02	01	01
	Procedure for preparation of mortar for random rubble masonry works	02	01	01
	Employability Skill: Unit –I (Communication Skills)			
June	Writing Sentences	01	-	-
	During Summer Vacation Home Work/Project			
	Report Writing on Roles and Responsibilities of a brick mason in construction which includes qualification, daily tasks, safety responsibilities, equipment used.			
	Draw the types of rubble masonry bond diagram			
	Prepare a worksheet of 20 MCQ on brick masonry, equipment's, safety procedures of using tools and equipment's.			
	Visit a nearby construction site (with supervision) and prepare a brief report on the following points: - Building material used at site observed. Building Components at site observed. Precautionary signs and safety equipment seen. (If physical visit is not possible, watch a virtual field visit video and summarize your observation)			
	Create a chart showing 10 tools used by brick mason. Name, image/sketch, use, safety tip (Eg. Combination plier, safety harness, Hammer)			



	Draw a safety poster for construction titled: “Work Safe, Stay safe- construction Safety First” Use creative slogans, symbols and at least 5 safety rules.			
July	Vocational Skill: Unit –I (Random Rubble Masonry)	09	03	03
	Procedure to work with undressed and hammer dressed stones used for un- course and course random rubble masonry	02	01	01
	Procedure for building of wall in coursed and un-coursed random rubble masonry.	02	01	01
	Procedure for laying course of dry rubble masonry works	02	01	01
	Employability Skill: Unit –II (Self-Management Skills)			
	Motivation and Positive Attitude	01	-	-
	Result Orientation	01	-	-
	Self - Awareness	01	-	-
August	Vocational Skill: Unit –I (Random Rubble Masonry)	11	04	04
	Pointing work	01	01	01
	Method of pointing	02	01	01
	Procedure for performing raking of joints for pointing in random rubble masonry works	02	01	01
	Various pointing works on random rubble masonry	02	01	01
	Employability Skill: Unit –III (Information and Communication Technology Skills)			
	Getting Started with Spreadsheet	01		
	Performing Basic Operations in a Spreadsheet	01	-	-
	Working with data and Formatting text	01	-	-
	Advanced features in spreadsheet	01		
September	Vocational Skill: Unit-II (IPS and Tremix Flooring)	08	05	05
	IPS Flooring	01	01	01
	Preparation work before IPS flooring	01	01	01
	Procedure of IPS flooring	01	01	01
	Tools and materials required in Tremix Flooring	01	01	01
	Flooring Procedure	01	01	01
	Employability Skill: Unit –III (Information and Communication Technology Skills)			
	Presentation Software			
	Opening, closing , saving and printing a presentation	01	-	-
	Working with slides and Text in a Presentation	01	-	-
	Advanced features in Presentation	01		
	Half Yearly Exam			



October	Vocational Skill: Unit-II (IPS and Tremix Flooring)	10	05	05
	Procedure for making Tremix	02	01	01
	Steps for laying Tremix	02	01	01
	Tremix vacuum system stages	02	01	01
	Need of vacuum dewatering concrete flooring	01	01	01
	Advantages and disadvantages	01	01	01
	Employability Skill: Unit –IV (Entrepreneurship Skills)			
	Entrepreneurship and Entrepreneur	01	-	-
	Barriers to Entrepreneurship	01	-	-
November	Vocational Skill: Unit-III (Environment Health and Safety)	08	03	03
	Types of Hazards in construction site	02	01	01
	TYPES OF HAZARDS INVOLVED IN MASONRY WORK	02	01	01
	Emergency Safety control Measures	02	01	01
	Actions to be taken under emergency situation			
	Employability Skill: Unit –IV (Entrepreneurship Skills)			
	Entrepreneurial attitudes	01	-	-
December	Entrepreneurial competencies	01	-	-
	Vocational Skill: Unit-III (Environment Health and Safety)	08	03	03
	USE OF FIRE EXTINGUISHER	02	01	01
	Classification of fires and fire extinguisher	02	01	01
	Classification of fire extinguisher	02	01	01
	Employability Skill: Unit –V (Green Skills)			
	Green Jobs	01	-	-
	Importance of Green jobs	01	-	-

January	Vocational Skill: Unit-III (Environment Health and Safety)	10	03	03
	SAFETY DRILLS	02	01	01
	USE OF PPE (PERSONAL PROTECTIVE EQUIPMENT)	02	01	01
	Reporting Procedure to the concerned authority in emergency situations	02	01	01
	Revision and doubt session	04	-	-
February	Vocational Skill: Unit-III (Environment Health and Safety)	06	02	02
	Standard Procedure of handling, storing and stacking of materials	01	01	01
	Storing and stacking procedure of materials	01	01	01
	Revision and doubt session	04	-	-
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 (2026-27)

Class- 12th

Subject: Construction(NSQF)
Time 2 Hours 30 Minutes

Code: CON 987

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