



BOARD OF SCHOOL EDUCATION HARYANA

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

Class- 9th 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 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:

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- 9th

Subject: Construction

Code: CON 987

Unit. No.	Unit Name	Unit Marks
	Vocational Skill	
1	Unit 1: Introduction to the Building Structure	02
2	Unit 2: Building Material	10
3	Unit 3: Units of Measurements used in Civil Works	06
4	Unit 4: Handling of Basic Masonry Tools	06
5	Unit 5: Marking of Line	06
6	Unit 6: Building Drawing	12
7	Unit 7: Foundation Works	08
	Employability Skill	
1.	Unit 1: Communication Skill (Session 1 to 10).	2
2.	Unit 2: Self- Management Skill (Session 1 to 6).	2
3.	Unit 3: Information and Communication Technology Skill. (Session 1 to 12).	2
4.	Unit 4: Entrepreneurship Skill (Session 1 to 7).	2
5.	Unit 5: Green Skill (Session 1 to 3).	2
	Total	60/2=30
	Practical Examination	50
	Internal Assessment	20
	Grand Total	100



Unit 1: Introduction to the Building Structure

Unit 2: Building Material

Session 1: Stones

Session 2: Clay Products (Bricks, Tiles and Terracotta)

Session 3: Cement and Lime

Session 4: Ferrous and Non-ferrous Metals

Session 5: Mortar and Concrete

Session 6: Building Finishing Material

Session 7: Miscellaneous Materials

Unit 3: Units of Measurements used in Civil Works

Unit 4: Handling of Basic Masonry Tools

Unit 5: Marking of Line

Unit 6: Building Drawing

Session 1: Basic Geometric Constructions

Session 2: Tools of Engineering Drawing

Session 3: Building and Building Drawing

Unit 7: Foundation Works

Session 1: Excavation

Session 2: Construct Spread Footing Foundation

Employability Skill –

Communication skill,

Self-management skill,

Information and Communication Technology skill (ICT),

Entrepreneurship Skill,

Green skills .



Month wise Syllabus Teaching Plan (2024-25)

Class- 9th

Subject: Construction

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Month	Subject- content	Teaching Periods	Revision Periods	Practical Work
April	Construction – Introduction of Construction About Construction Industry Scope of Construction Employability Skill- -----	16	2	3



May	Construction – Unit 1: Introduction to the Building Structure Employability Skill – Unit-01 Session 01- Introduction to communication Session 02- Verbal Communication Session 03- Non-Verbal Communication Session 04- Writing Skills Parts of speech	16	2	3
June	Home Work – Make all Practical of Unit .1 All Session Revision ES Session 1 to 4			



July	<p>Construction –</p> <p>Unit 2: Building Material</p> <p>Session 1: Stones</p> <p>Session 2: Clay Products (Bricks, Tiles and Terracotta)</p> <p>Session 3: Cement and Lime</p> <p>Session 4: Ferrous and Non-ferrous Metals</p> <p>Session 5: Mortar and Concrete</p> <p>Session 6: Building Finishing Material</p> <p>Session 7: Miscellaneous Materials</p> <p>Employability Skill –</p> <p>Unit-01 Session 05- Writing Skills Sentences</p> <p>Session 06-Pronunciation Basics</p> <p>Session 07-Greeting and Introduction</p> <p>Session 08-Talking about Self</p> <p>Session 09-Asking Questions-I</p> <p>Session 10- Asking Question-II</p>	12	06	07
August	<p>Construction –</p> <p>Unit 3: Units of Measurements used in Civil Works</p> <p>Employability Skill –</p> <p>Unit 02- Session 01-Introduction to Self-Management</p> <p>Session 02- Strength and Weakness Analysis</p> <p>Session 03- Self-Confidence</p> <p>Session 04-Positive Thinking</p> <p>Session 05-Personal Hygiene</p> <p>Session 06- Grooming</p>	16	04	04



September	Revision for Half-Yearly Exam Construction – Unit 4: Handling of Basic Masonry Tools . Employability Skill – Unit-03 Session 01- Introduction to ICT Session 02-ICT Tools- Smart phones and Tablets-I Session -03- Smart phones and Tablets-II Session 04-Parts of Computer Peripherals Half-Yearly Exam	14	06	03
October	Construction – Unit 5: Marking of Line Employability Skill – Unit-03 Session 05-Basic Computer operations Session 06-Performing Basic File Operations Session 07-Communication and Networking-Basic of Internet Session 08-Communication and Networking-Internet Browsing	12	02	06



November	<p>Construction</p> <p>Unit 6: Building Drawing</p> <p>Session 1: Basic Geometric Constructions</p> <p>Session 2: Tools of Engineering Drawing</p> <p>Session 3: Building and Building Drawing</p> <p>Employability Skill – Unit-03-</p> <p>Session 09-Communication and Networking Introduction to E-mail Session 10- Creating E-mail account</p> <p>Session 11-Writing of an E-mail</p> <p>Session 12-Receiving and Replying to emails</p>	10	05	07
December	<p>Construction –</p> <p>Unit 7: Foundation Works</p> <p>Session 1: Excavation</p> <p>Session 2: Construct Spread Footing Foundation</p> <p>Employability Skill – Unit 04- Session 01- What is Entrepreneurship</p> <p>Session 02- Role of Entrepreneurship Session 03- Qualities of a successful Entrepreneur</p>	15	03	06



January	Employability Skill – Unit-04- Session 04-Distinguishing Characteristics of Entrepreneurship and Wage Employment Session 05-Types of Business Activities Session 06-Product,Service and Hybrid Businesses Session 07-Entrepreneurship Development Process Employability Skill – Unit-05- Session 01-Society and Environment Session 02- Conserving and Natural Resources Session 03- Sustainable Development and Green Economy	10		02
February	Revision		10	
March	Annual Examination			

Note: Skill Subject Teachers are advised to direct the students to prepare Practical Notebook of the Terminology/Definitional Words/ Glossary used in the Chapters for Enhancement of Vocabulary or Clarity of the Concept.

- The PSSCIVE Skill 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. Construction Skill Book-Text Book for Class IX, PSSCIVE Publication.
2. Employability Skill Book- Text Book for Class IX, PSSCIVE Publication.



Question Paper Design(2024-25)

Class- 9th

Subject: Construction

Code: CON 987

Competencies	Total
Knowledge	40%
Understanding	30%
Application	20%
Skill	10%
	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 true/false	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