

**DETAILED SYLLABUS FOR THE POST OF
TRAINING INSTRUCTOR (CARPENER) IN
SCHEDULED CASTE DEVELOPMENT DEPARTMENT**

(Cat.No.: 395/2021, 396/2021)

(Total Marks- 100)

Sl No	Syllabus Module	Sub Heading	Total Mark
1	Safety precautions hard tools and timber.	1.Safety precaution &Introduction of carpenter trade. 2.Growth of tree,defects and decay of timber. 3.Marking measuring and testing tools. 4.Cutting and planing tools. 5.Holding and supporting tools. 6.Boaring,striking and driving tools. 7.Miscellaneous and abrasion tools.	20
2	Framing,Housing,Dovetail, Broadening&Lengthening Joints.	1.Seasoning of timber. 2.Characteristics and physical properties of wood. 3.Classification of joints. 4.Preservation of timber. 5.Glues types&uses.	15
3	Simple furniture making.	1.Plywood ,boards&advantages. 2.Portable power machines. 3.Wooden partitions. 4.Timber used in furniture work&different purpose. 5.Conversion of timber. 6.Nails,screw,hinges,lock,bolt,nut&washer.	10
4	Wood carving	1.Wood carving. 2.Different carving tools.	2

5	Wood finishing	1.Paints and ingredients. 2.Different grades of sand paper. 3.Preparation of polish,staining &putty.	3
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6	Advanced wood working machine	1.Band saw machine. 2.Circular saw machine. 3.Plaining and drilling machine. 4.Wood turning lathe and turning tools. 5.Mortising and sanding machine.	15
7	Pattern making	1.Pattern allowance. 2.Types of pattern and uses. 3.Types of core print and core boxes.	5
8	Basic fitting	1.General safety in fitting shop. 2.Types of drill bits,taps and dies. 3.Threaded fasteners.	5
9	Sheet metal	1.Common sheet metal tools. 2.Stakes and their applications. 3.Types of developments.	5
10	Building construction-wood aluminium and PVC.	1.Types of door. 2.Types of windows. 3.Types of roofs and trusses. 4.Specification of different aluminium section. 5.Fiber glass and PVC doors. 6.Wooden floor. 7.wooden stair and their types	20

NOTE: - It may be noted that apart from the topics detailed above, questions from other topics prescribed for the educational qualification of the post may also appear in the question paper. There is no undertaking that all the topics above may be covered in the question paper.