

WOOD WORKING

Part-I	40 Marks
Part-II	40 Marks
Practical	70 Marks
Total	150 Marks

Marks: 40	Part-I (Class-IX)	Time: 1:30 Hours
CHAPTER -1	Safety precautions and Trees Safety precautions, Tree, Cross section , Kinds of wood	
CHAPTER -2	Wood seasoning Introduction of wood, seasoning , Methods of natural & artificial seasoning	
CHAPTER -3	Wood Defects Knots, Rots, Shakes, Wood sawing, Methods of sawing	
CHAPTER -4	Measuring and marking tools Measuring tools, Testing tools, Marking tools	
CHAPTER -5	Saws Hands saws, Kinds of saws, Methods of sharpening the saws	
CHAPTER -6	Smooth Facing Tools Wooden plane, Metallic plane, Kinds of planes, Sharpening of the plane, Parts of chisel, Kinds of chisels, Methods of sharpening the chisel	

LIST OF PRACTICALS FOR CLASS-IX (PART-I)

1. Basic Training: Proper working, Identifying and using of common measuring tools
2. Identifying and using of marking tools
3. Sawing practice: Sawing with cross cut saw, Sawing with Rip saw, Sharpening and setting of saw teeth
4. Planning practice: Assembling and dismantling of plane, Sharpening of iron blade
5. Joints of Wood: Dado Joint, Cross Lap joint, Mortise and Tenon joint, Dovetail half joint (TEE), Bredle joint, Half Tee joint, Miter joint, Rub joint, Dowel joint, Groore joint, Screw Dowel joint, Scarp joint

Marks: 40	Part-II (Class-IIIX)	Time: 1:30 Hours
CHAPTER -1	Boring tools (bits, drills) and Braces Bits, Drills, Parts of twist drill, Sharpening of auger bit, Sharpening of twist drill, Braces/hand drill machines	
CHAPTER -2	Nails and screws Kinds of nails, Types of screws	
CHAPTER -3	Types of screw drivers and Scrapers Types of screw drivers, Types of scrapers	
CHAPTER -4	Hammers and Mallets Kinds of hammers, Kinds of mallets	
CHAPTER -5	Foils, Holding and Miscellaneous Parts of foils, Types of foils, Holding tools , Miscellaneous tools	
CHAPTER -6	Surface Finishing, Colouring and Painting Sand papers, Filling, Staining, Painting/polishing	
CHAPTER -7	Glues Kinds of Glues – Methods to prepare glue	
CHAPTER -8	Wood Veneer, Ply Wood Hardboard Formica Introduction, Cutting , Kinds of veneer, Uses of veneer, Plywood, Use of plywood, Methods of plywood, Characteristics of plywood, Hard board, Preparation and characteristics of hard board, Uses of Hard Board, Formica, Characteristics of Formica	

LIST OF PRACTICALS FOR CLASS-X (PART-II)

Skill Requirements

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| 1. Prepare a simple picture frame | 2. Prepare a switch board |
| 3. Prepare a paper tray | 4. Prepare a waste paper basket |
| 5. Book shelf | 6. Book ends |
| 7. Center Table | 8. Stool |
| 9. Folding stool | 10. Towel Stand |
| Finishing of Center Table | |
| -Sand papering | -Surface colouring |
| -Sprit polishing | |
| Painting of Towel Stand | |
| -Sand papering | -1 st Coat and Enamel by brush |
| -2 nd coat of enamel by brush | |
| Repairing and refinishing of house hold and school furniture | |

BOOK: Wood Working

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