

MULTIPLE CHOICE
PRACTICE
QUESTIONS/ANSWERS
FOR
ONLINE/OMR AITT-2020

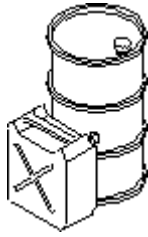


Carpenter
Trade Theory

Directorate of Technical Education & Training, Odisha, Cuttack
(Uploaded in sctevtodisha.nic.in)

SAFETY PRECAUTIONS HAND TOOLS AND TIMBER

1. What is the name of fire?



- A. Class A fire
- B. Class B fire
- C. Class C fire
- D. Class D fire

2. Which type of PPE is required for protection of legs?

- A. Chappals
- B. Safety shoes
- C. Canvas shoes
- D. Sandal

3. Which one involves general discipline of institute?

- A. Keep the floor and gangway clean
- B. Avoid polluting environment
- C. Use correct tools for the job
- D. Keep the tools at their proper place

4. Which is an element of housekeeping?

- A. Improper store
- B. Clean flooring
- C. Improper maintenance
- D. Dim lighting

5. Which type of PPE is required for protection of hands?

- A. Gloves
- B. Apron
- C. Helmet
- D. Goggles

6. What is the safety precaution observed in a carpentry workshop?

- A. Wear loose clothing
- B. Secure the work piece rigidly before cutting
- C. Hold sharpening tools in hand loosely
- D. Avoid safety goggles

7. Which tree grows new layers on the outside of the trunk?

- A. Endogenous tree
- B. Conifers tree
- C. Exogenous tree
- D. Narrow leaves

8. Which tree has needle shaped leaves that grows in temperature regions and in high altitudes?

- A. Soft wood
- B. Hard wood
- C. True wood

D. Duramen wood

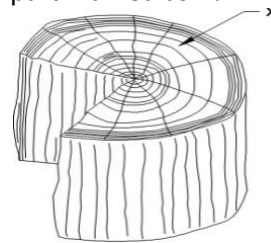
9. Which part of wood protects from external destroying agencies?

- A. Pith
- B. Bark
- C. Annular ring
- D. Medullary rays

10. What is the name of fully developed wood that surrounds the pith?

- A. Sap wood
- B. Soft wood
- C. Heart wood
- D. Light wood

11. What is the part marked as X?



- A. Sap wood
- B. Heart wood
- C. Bark
- D. Pith

12. Which type of wood has broad leaves?

- A. Sap wood
- B. Soft wood
- C. Thin wood
- D. Hard wood

13. Which tree has short trunk and large branches?

- A. Teak
- B. Babul
- C. Bamboo
- D. Shisham

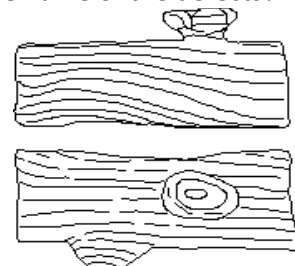
14. Which timber is closely grained, hard and durable?

- A. Kail
- B. Chair
- C. Tea
- D. Dodder

15. Name the shake forms along the annual rings?

- A. Cup shake
- B. Star shake
- C. Heart shake
- D. Radial shake

16. What is the name of the defects?



- A. Wavy grain
- B. Rind galls

- C. Wind crack
- D. Ring shake

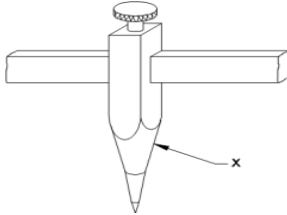
17. Which insect attack standing trees?

- A. Termite
- B. White ants
- C. Pin hole borers
- D. Powder post beetles

18. Which gauge stem is long?

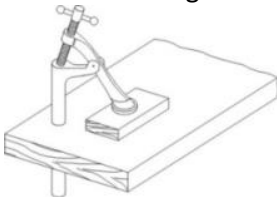
- A. Butt gauge
- B. Panel gauge
- C. Cutting gauge
- D. Marking gauge

19. What is the name of part marked as X in a trammel?



- A. Point
- B. Holder
- C. Wooden batten
- D. Knurled screw

20. What is the name of holding device?

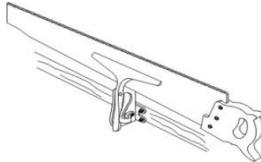


- A. Shooting board
- B. Planning troughs
- C. Bench hold fast
- D. The cleat

21. How many inches make one feet in steel rule?

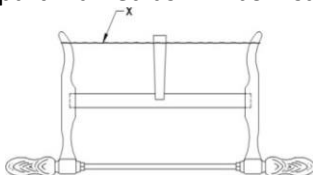
- A. 10 inches
- B. 12 inches
- C. 14 inches
- D. 16 inches

22. What is the name of vice?



- A. Saw vice
- B. Bench vice
- C. Hand vice
- D. Quick release vice

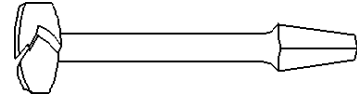
23. What is the part marked as X in bow saw?



- A. Bar
- B. Lever

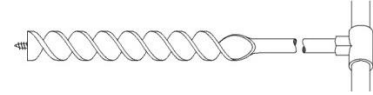
- C. Frame
- D. String

24. What is the name of drill bit?



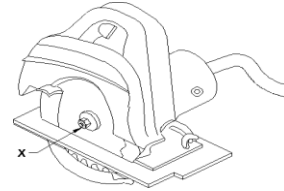
- A. Dowel bit
- B. Auger bit
- C. Fastener bit
- D. Centre bit

25. What is the tool with a long shank?



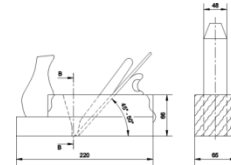
- A. Auger
- B. Gimlet
- C. Bradawl
- D. Forester bit

26. What is the part marked as X in portable power circular saw machine?



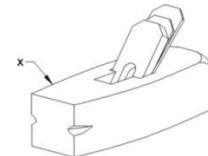
- A. Handle
- B. Arbor
- C. Cutting guide
- D. Base plate

27. What is the name of wood working plane?



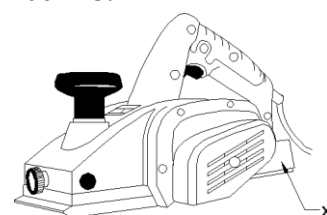
- A. Router plane
- B. Plough plane
- C. Smoothing plane
- D. Tooothing plane

28. What is the part marked as X?



- A. Wedge
- B. Cap iron
- C. Cutting iron
- D. Wooden stock

29. What is the part marked as X in portable power planning machine?



- A. Front shoe
- B. Rear shoe

- C. Lock knob
- D. Trigger switch

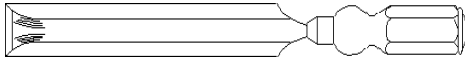
30. Which material is used to manufacture blade of chisel?

- A. Mild steel
- B. Carbon steel
- C. Low carbon steel
- D. Forged tool steel

31. Which part is fixed inside the ferrule in bench firmer chisel?

- A. Tang
- B. Neck
- C. Shoulder
- D. Blade

32. What is the name of chisel?

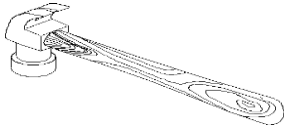


- A. Paring chisel
- B. Socket firmer chisel
- C. Bevel edge firmer chisel
- D. Registered firmer chisel

33. What is the grinding angle of firmer chisel?

- A. $10^\circ - 15^\circ$
- B. $15^\circ - 20^\circ$
- C. $20^\circ - 25^\circ$
- D. $25^\circ - 30^\circ$

34. What is the name of hammer?



- A. Ball peen hammer
- B. Cross peen hammer
- C. Claw hammer
- D. Straight peen hammer

35. What is the name of file?



- A. Rasp file
- B. Hand file
- C. Flat file
- D. Square file

36. Which safety equipment is used for eye protection while grinding?

- A. Shoe
- B. Helmet
- C. Goggles
- D. Apron

37. What is the property of bamboo wood?

- A. Light soft
- B. Large texture
- C. Heavy weight
- D. Flexible and strong

38. What is the purpose of sal wood?

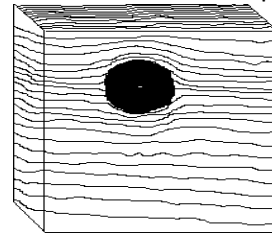
- A. Roofing ladder

B. Umbrella handle

C. Walking stick

D. Railway sleepers

39. Which knot is used for the final appearance?



A. Loose knot

B. Dead knot

C. Live knot

D. Spike knot

40. What is the tool used to check the surface and squareness of edge?

- A. Try square
- B. Bevel square
- C. Plumb bob
- D. Standard wire gauge

41. What is the tool used for measuring the thickness of metal sheet?

- A. Steel rule
- B. Try square
- C. Marking gauge
- D. Standard wire gauge

42. What is used for sawing across the grains of timber?

- A. Rip saw
- B. Tenon saw
- C. Dovetail saw
- D. Cross cut saw

43. Which material is used to make a rip saw blade?

- A. Steel
- B. Thin spring steel
- C. Forged carbon steel
- D. Forged tool steel

44. What is the benefit of breast drilling machine?

- A. Deep holes
- B. Very small diameter holes
- C. Small diameter holes
- D. Large diameter holes

45. What is the advantage of bradawl?

- A. Making small holes
- B. Making deep holes
- C. Making large holes
- D. Making shallow holes

46. Which saw is used for cutting grooves and rebate?

- A. Portable electric circular saw
- B. Portable electric jig saw
- C. Portable electric chain saw
- D. Vertical band saw

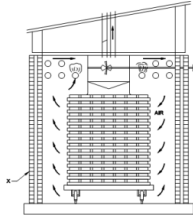
47. What is the use of portable power circular saw machine?
- Cross cutting and ripping
 - Key hole cutting
 - Leather cutting
 - Curved cutting
48. What is the use of portable electrical heavy duty drill machine?
- Large diameter holes
 - Shallow holes
 - Counter sinking the top of holes
 - Boring small holes
49. Which plane is used for planing the job to size quickly and truly?
- Jack plane
 - Toothing plane
 - Furnishing plane
 - Smoothing plane
50. What is the use of trying plane?
- Planing grooves surface
 - Planing rebate surface
 - Planing rough gloving surface
 - Planing true and straight surface
51. What is the advantage of plough plane?
- Planing for rebate
 - Planing for grooves
 - Planing for surface
 - Planing for smoothing
52. Which tool is used for testing the flatness of large job?
- Steel rule
 - Bevel square
 - Plumb bob
 - Winding strips
53. What is the advantage of portable power planing machine?
- Smooth corner surface
 - Smooth curved edge
 - Rough gluing surface
 - Smooth surface of wood
54. Which part of hammer is shaped to fit handle rigidly?
- Handle
 - Peen
 - Cheek
 - Eye hole
55. What is the specialty of tack hammer?
- More weight
 - Slight magnetic
 - More finishing
 - More use
56. Which type of wood is used to manufacture the head of mallet?
- Sap wood
 - Soft wood
 - Thin wood
 - Hard wood
57. Which is used to hold the job while sawing?
- Bench hook
 - Saw vice
 - Hand screw
 - Bench hold fast
58. What is the immediate action taken in case of severe bleeding?
- Call the doctor
 - Call the ambulance
 - Apply pressure near wound to stop bleeding
 - Lie down the rest
59. What is the possibility to prevent fire?
- Eliminate carbon – dioxide
 - Eliminate nitrogen
 - Eliminate oxygen
 - Eliminate helium
60. What is the reason for the part of sap wood liable to be attacked by pests?
- Sweet food storage
 - Softer of inner core
 - Smell of sap wood
 - Colour of sap wood
61. What is the reason for leather washer provided in between the blade shoulder and handle of registered firmer chisel?
- Shock developed
 - Shock absorber
 - Firm handle
 - Support to the chisel

ANSWERS

1	B	2	B	3	B	4	B	5	A
6	B	7	C	8	A	9	B	10	C
11	A	12	D	13	D	14	A	15	A
16	B	17	C	18	B	19	B	20	C
21	B	22	A	23	D	24	C	25	A
26	B	27	D	28	D	29	B	30	D
31	A	32	A	33	C	34	C	35	A
36	C	37	D	38	D	39	C	40	A
41	D	42	D	43	B	44	D	45	A
46	A	47	A	48	A	49	A	50	D
51	B	52	D	53	D	54	D	55	B
56	D	57	A	58	C	59	C	60	A
61	B								

FRAMING, HOUSING, DOVETAIL, BROADENING & LENGTHENING JOINT

1. What is the part marked as X in kiln seasoning?

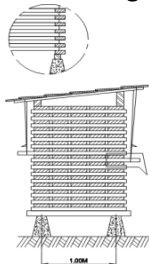


- A. Fan
- B. Trolley
- C. Brick wall
- D. Heating pipe

2. What is the formula for percentage of moisture content in timber?

- A. $MC = \frac{W + D}{D} \times 100 = \%$
- B. $MC = \frac{W}{D} \times 100 = \%$
- C. $MC = \frac{D \times W}{D} \times 100 = \%$
- D. $MC = \frac{W - D}{D} \times 100 = \%$

3. What is the name of seasoning?



- A. Air seasoning
- B. Kiln seasoning
- C. Water seasoning
- D. Steam seasoning

4. Which timber is used to avoid cracks and knots?

- A. Case hardening timber
- B. Irregular growth timber
- C. Shrinkage of timber
- D. Quality of good timber

5. Which is oil preservative?

- A. Tar
- B. White arsenic
- C. Sodium fluoride
- D. Zinc chloride

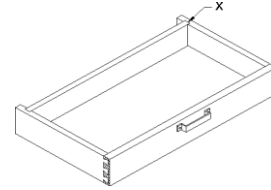
6. Which is a water solution preservative?

- A. Tar
- B. Creosote oil
- C. Kerosene
- D. Zinc chloride

7. Which type of joint is used for fixing shelves?

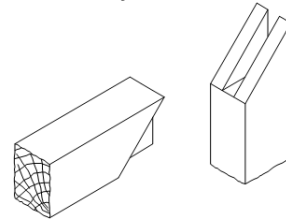
- A. Housing joint
- B. Scarf joint
- C. Bridle joint
- D. Halving joint

8. What is the name of joint marked as X in drawer?



- A. Half lap
- B. Housing
- C. Blind mortise and tenon
- D. Lap dovetail

9. What is the name of joint?



- A. Tee - bridle joint
- B. Corner bridle joint
- C. Mitre corner bridle joint
- D. Housing joint

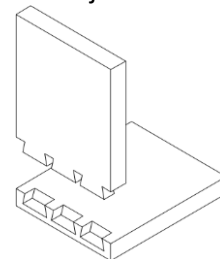
10. What is the name of joint used in place of mortise and tenon joint?

- A. Housing joint
- B. Bridle joint
- C. Single dovetail joint
- D. Common joint

11. Which part must be cut first to make secret dove tail joint?

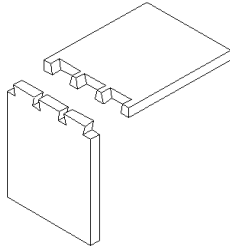
- A. Pin
- B. Socket
- C. Dove tail
- D. Channel

12. What is the name of joint?



- A. Single dovetail
- B. Common dovetail
- C. Lapped dovetail
- D. Secret dovetail

13. What is the name of joint?



- A. Single dovetail joint
- B. Common dovetail joint
- C. Lapped dovetail joint
- D. Secret dovetail joint

14. What is the essential knowledge for a wood worker before using glue?

- A. Colour of glue
- B. Beauty of glue
- C. Smell of glue
- D. Adhesive power of glue

15. Which glue is prepared from curds of skimmed milk?

- A. Animal glue
- B. Casein glue
- C. Resin glue
- D. Vegetable glue

16. How much time should a case of glue should be consumed at most?

- A. 4 hour
- B. 6 hour
- C. 7 hour
- D. 8 hour

17. What type of fastener is used at given edge?

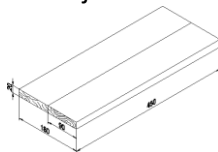


- A. Dowel pin at edge
- B. Screw at edge
- C. Nail at edge
- D. Spur at edge

18. Which type of joint is tongue and groove joint?

- A. Lengthening
- B. Broadening
- C. Thicknessing
- D. Angling

19. What is the name of joint?

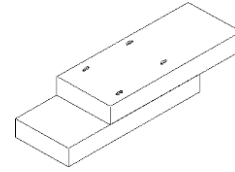


- A. Simple butt joint
- B. Dowel pin joint
- C. Rebated joint
- D. Tongue and Grooved

20. What is the projected height of dowel pin after inserting in a dowel pin joint?

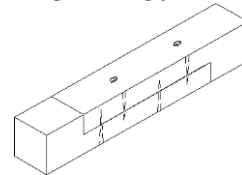
- A. Full height upwards
- B. 3/4th height upwards
- C. ½ height upwards
- D. ¼ height upwards

21. What is the name of lengthening joint?



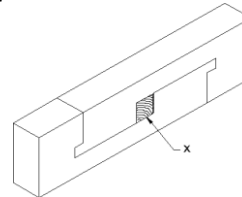
- A. End half lap joint
- B. End over lap joint
- C. End bevel lap joint
- D. Screw half lap joint

22. Which of the lengthening joint is more strength?



- A. End over lap joint
- B. End half lap joint
- C. Mitre scarf joint
- D. Table scarf joint

23. What is the part marked as X?



- A. Nails
- B. Screws
- C. Dowels
- D. Wedges

24. What is the purpose of the seasoning of timber?

- A. Remove the moisture
- B. Remove the strength
- C. Remove the colour
- D. Remove the smell

25. What is the advantage of seasoning of timber?

- A. Improve volume and weight
- B. Improve colour and smell
- C. Improve strength and hardness
- D. Improve sound and grain

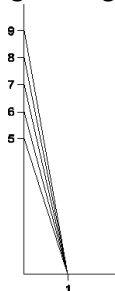
26. Which is the property for sports goods and wooden floors?

- A. Elasticity
- B. Toughness
- C. Fire resistance
- D. Weather resistance

27. Which is the property for good timber?

- A. Fine texture
- B. Abnormal growth
- C. Cross grain

- D. Light in colour
28. Which wood is used for timber work?
- Seasoning wood
 - Moisture wood
 - Shrinkage wood
 - Defect wood
29. Which category of joints is used for increase width?
- Framing joints
 - Box joints
 - Widening joints
 - Lengthening joints
30. Which joint is used for joining end to end pieces?
- Widening joints
 - Framing joints
 - Housing joints
 - Lengthening joints
31. Which joint is used for the corners of picture frames?
- Mitre joints
 - Halving joints
 - Circular joints
 - Dowel joints
32. What is the use of white arsenic preservative?
- Very effective against termites
 - Easy evaporate quickly
 - Less effective against termites
 - Use less quantity of timber
33. Which preservative is used for fencing posts, telegraph poles and floor joists?
- Creosote oil
 - Zinc chloride
 - Sheathing
 - Sodium fluoride
34. What is the use of zinc chloride preservative?
- Good appearance
 - Improve volume
 - Maintain the shape
 - Excellent for use against fungi
35. What is the advantage of creosote oil preservative?
- Easy to apply
 - Easy to handling
 - Easy to working
 - Easy to evaporate
36. What is the marking for angle?



- Mitre angle
- Bevel angle

- Teeth angle
 - Dovetail angle
37. Which glue is prepared from mixture of skin, bone and acid?
- Animal Glue
 - Casein Glue
 - Resin Glue
 - Vegetable Glue
38. Which glue is strong bond and water proof?
- Animal Glue
 - Casein Glue
 - Resin Glue
 - Blood albumen Glue
39. What will happen while reheating animal glue?
- Losses strength
 - Increase strength
 - Increase quantity
 - Decrease quantity
40. Which tool is used for making groove in a tongue & grooved joint?
- Jointer plane
 - Smoothing plane
 - Plough plane
 - Rebate plane
41. Why the planks ends are set according to annual rings?
- Quick sawing
 - Quick marking
 - Quick chiseling
 - Good appearance
42. What is the advantage of adhesive?
- Improving the hardness
 - Improving the volume
 - Improving the weight
 - Improving the strength in joint
43. What is the use of synthetic rubber adhesive?
- Improve the weight
 - Decrease the volume
 - Improve the hardness
 - Foot wear industries
44. What is the application of wooden dowel?
- Strengthen bevel scarf joint
 - Strengthen box joint
 - Strengthen table scarf joint
 - Strengthen widening joints
45. What is the use of lengthening joints?
- Tool handle
 - Packing cases
 - Railways sleeper
 - Building work
46. How to calculate the joining length in lengthening joint?
- 1-2 times of thickness

- B. 2-3 times of thickness
C. 4-5 times of thickness
D. 6-7 times of thickness
47. Which joint is used for building beams?
A. Lengthening joint
B. Widening joint
C. Framing joint
D. Box joint
48. What is the selection for lengthening joint?
A. Support the loads
B. Size of wood
C. Types of timber
D. Fine texture timber
49. Where the screws are driven in bevel scarf joints?
A. Centre surface
B. Top surface
C. Bottom surface
D. Top and bottom surfaces
50. What is the use of table scarf joint?
A. Increasing length
B. Increasing width
C. Increasing thickness
D. Increasing volume
51. What is the use of kiln seasoning?
A. Average seasoned timber
B. Common seasoned timber
C. Well seasoned timber
D. Moderate seasoned timber
52. What is reason for different shape of grain in a timber?
A. Quality of the cells
B. Thickness of the cells
C. Structure of the cells
D. Direction of the cells
53. What is the reason of uneven texture in a timber?
A. Types of cells
B. Cells structure
C. Cells thickness
D. Cells size and quality
54. What is the purpose of haunch in mortise and tenon joint?
A. For strength
B. For finishing
C. For prevent rail twisting
D. Supporting joint
55. How to prevent wharf piles attack the bottom of boats?
A. Covering with copper sheets
B. Covering with steel sheets
C. Covering with mild steel sheets
D. Covering with carbon steel sheets
56. Which type of housing joint is required for stronger joint?
A. Full housing joint
B. Through housing joint
C. Dovetail housing joint
D. Stopped housing joint
57. How to calculate the thickness of socket in a bridge joint?
A. 1/3rd thickness of stock
B. 2/3 rd thickness of stock
C. ¼th thickness of stock
D. Full thickness of stock
58. Why common dovetail joint is used for making boxes?
A. Strong joint
B. Easy make
C. Easy transport
D. Large size
59. What prevents the dust and smoke during reheating the animal glue?
A. Glue pot opened
B. Glue pot covered
C. Dry glue pot
D. Wet glue pot

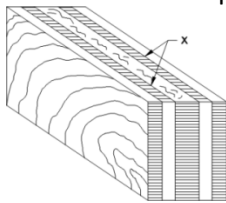
ANSWERS

1	C	2	D	3	A	4	D	5	A
6	D	7	A	8	B	9	C	10	B
11	C	12	C	13	B	14	D	15	B
16	D	17	A	18	B	19	A	20	C
21	B	22	B	23	D	24	A	25	C
26	A	27	A	28	A	29	C	30	D
31	A	32	A	33	A	34	D	35	A
36	D	37	A	38	D	39	A	40	C
41	D	42	D	43	D	44	D	45	D
46	C	47	A	48	A	49	D	50	A
51	C	52	D	53	D	54	C	55	A
56	C	57	A	58	A	59	B		

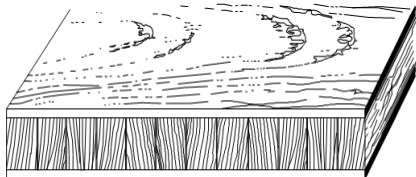
SIMPLE FURNITURE MAKING-

1.MATERIALS

1. What is the definition of veneer?
 - A. Thin sheet of wood
 - B. Thick sheet of wood
 - C. Bulk squared wood
 - D. Round piece of wood
2. Which veneer has fine decorative effects for attractive appearance?
 - A. Top veneer
 - B. Core veneer
 - C. Back veneer
 - D. Bottom veneer
3. Which timber is used for manufacture of boiling water proof ply wood?
 - A. Teak, maple and sissoo
 - B. Sal, babul and kail
 - C. Chir, deoder and palm
 - D. Bamboo, coconut and lingo stone
4. Which can be easily worked and bent for shapes and designs?
 - A. Plywood
 - B. Block board
 - C. Radial cut board
 - D. Laminated board
5. What is the part marked as X in plywood?

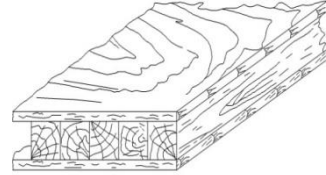


- A. Glue
 - B. Core
 - C. Face ply
 - D. Cross bands
6. Which is the minimum number of ply in plywood?
 - A. 3
 - B. 4
 - C. 5
 - D. 6
 7. What is the name of board?

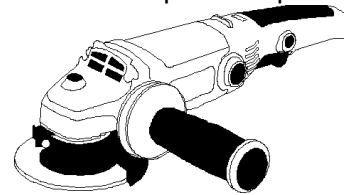


- A. Chip board
 - B. Particle board
 - C. Insulation board
 - D. Laminated board
8. How the particle board is manufactured?
 - A. Narrow strips

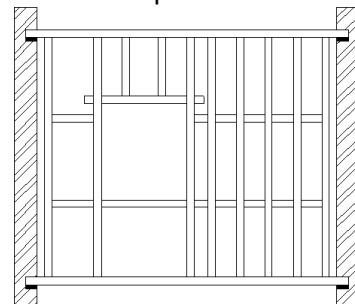
- B. Country wood strips
 - C. Breaking wood chips
 - D. Planer shaving, wood chips
9. Which board is used for rail, buses and lorry body buildings?
 - A. Hard board
 - B. Block board
 - C. Laminated board
 - D. Insulation board
 10. What is the name of board?



- A. Hard board
 - B. Block board
 - C. Particle board
 - D. Insulation board
11. Which material is used to make hard board?
 - A. Shavings and wood chips
 - B. Thin sheet wood
 - C. Bulk wood
 - D. Breaking wood chips
 12. What is the name of portable power machine?

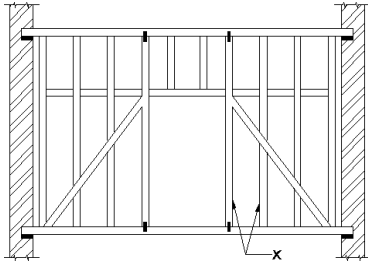


- A. Jig saw
 - B. Disc sander
 - C. Router
 - D. Circular saw
13. What is the name of partition?



- A. Common partition
- B. Trussed partition
- C. Braced partition
- D. Board partition

14. What is the name of part marked as X?

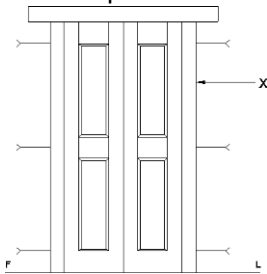


- A. Sill
- B. Stubs
- C. Punchers
- D. Steel straps

15. What is the name of the upper most horizontal part of door frame?

- A. Stile
- B. Head
- C. Panel
- D. Revel

16. What is the name of part marked as X?

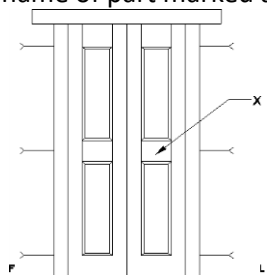


- A. Horn
- B. Post
- C. Frame
- D. Hold fast

17. Which part is the area of shutter is closed between the rails?

- A. Panel
- B. Mullion
- C. Sash
- D. Transom

18. What is the name of part marked as X?

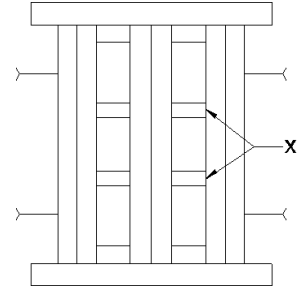


- A. Panel
- B. Top rail
- C. Lock rail
- D. Bottom rail

19. What is the name of bottom piece for window frame?

- A. Top rail
- B. Sill
- C. Horn
- D. Stile

20. What is the name of part marked as X?



- A. Rail
- B. Panel
- C. Head
- D. Frame

21. What are the advantages of plywood?

- A. Very small size
- B. Skilled person is required
- C. Seasoning very quick
- D. Very large sizes

22. What is the purpose of laminated board?

- A. Roofing work
- B. Packing work
- C. Structural work
- D. High class furniture

23. What is the benefit of sunmica?

- A. Improve the weight
- B. Holding power
- C. Good preservation
- D. Beautiful appearance

24. What is the advantage of insulation board?

- A. Light weight
- B. Greater holding power
- C. Minimum warping
- D. Minimum shrinkage

25. What is the use of portable power disc sander machine?

- A. Smoothing for groove surface
- B. Smoothing for curves surface
- C. Smoothing for convex surface
- D. Smoothing for rough surface quickly

26. What is the direction of operation portable disc sander machine?

- A. Grain direction
- B. Uneven direction
- C. Bevel direction
- D. Inclined direction

27. Which is the suitable abrasive used in disc sander machine?

- A. Size of disc
- B. Gauge of abrasive
- C. Thickness of abrasive
- D. Correct grade and type

28. What is the advantage of wooden partition?

- A. Quick constructed
- B. Fire resisting property

ANSWERS

1	A	2	A	3	A	4	A	5	D
6	A	7	D	8	D	9	B	10	B
11	D	12	B	13	A	14	B	15	B
16	B	17	A	18	C	19	B	20	A
21	D	22	D	23	D	24	A	25	D
26	A	27	D	28	A	29	D	30	A
31	D	32	A	33	A	34	A	35	A
36	D								

- C. Prevent the terminals
D. Prevent the decay
29. Where is wooden partition supported?
A. Bevel to side walls
B. Inclined to side walls
C. Horizontal to side walls
D. Floor and fixed walls
30. What is the use of doorframe?
A. To fix the shutter
B. To fix window shutter
C. To fix protection bar
D. To fix the grill
31. What is the use of rebate made in door frame?
A. Appearance
B. Avoid terminals
C. Quick opening
D. Receive the door shutter
32. What is the reason for plywood used in the construction of aircraft?
A. Strength, durability and lightness
B. Cost of the plywood are also too high
C. Less attract by insects and fungus
D. Less receiving of preservatives
33. What is the effect of too much pressure in portable power disc sander machine?
A. Burn the wood
B. Wear the wood
C. Crack the wood
D. Check the wood
34. What is the remedy to prevent burning of wood, while sanding by disc sander machine?
A. Use light pressure
B. Use too much pressure
C. Use high pressure
D. Use very low pressure
35. What is the precaution while sanding to prevent the burning of work?
A. Remove the dust
B. Remove the tool
C. Remove the PPE
D. Remove the bush stick
36. How to maintain the portable disc sander machine after sanding?
A. Remove the sand paper
B. Remove the disc
C. Remove dust from disc
D. Remove dust from motor ventilation slots

SIMPLE FURNITURE MAKING -

2.WOOD

1. What is the width and thickness for stool legs?
 - A. 50mm x 50mm
 - B. 65mm x 65mm
 - C. 70mm x 70mm
 - D. 80mm x 80mm
2. Which size of top rail is used for stool?
 - A. 75mm x 30mm
 - B. 100mm x 30mm
 - C. 125mm x 30mm
 - D. 150mm x 30mm
3. Which bottom rail size is used for stool?
 - A. 50mm x 30mm
 - B. 60mm x 30mm
 - C. 70mm x 30mm
 - D. 80mm x 30mm
4. What is the thickness for stool top plank?
 - A. 10mm
 - B. 25mm
 - C. 35mm
 - D. 40mm
5. Which operation is to be performed after the planning to make a stool?
 - A. Sawing
 - B. Marking
 - C. Tenoning
 - D. Drilling
6. Which operation is to be performed before assembly of stool?
 - A. Apply the glue
 - B. Apply the wax
 - C. Apply the putty
 - D. Apply the stain
7. Which material is used to cover the screw head the stool?
 - A. Putty
 - B. Stain
 - C. Wood chips
 - D. Wooden peg
8. Which wood is suitable for furniture work?
 - A. Teak
 - B. Babul
 - C. Mango
 - D. Bamboo
9. Why teak wood is used in furniture work?
 - A. Jointing more time
 - B. Quick attack fungus
 - C. More moisture content
 - D. High degree of natural durability
10. Why Sal wood is used for furniture (cot) work?
 - A. Flexible timber

- B. Light in colour
 - C. Light in weight
 - D. Wood is hard and heavy
11. Which is the property of wood useful for easy handling furniture work?
 - A. Light in weight
 - B. Quick bending
 - C. More flexible
 - D. More weight
12. What is the required property of wood to make computer furniture?
 - A. Distance medullary rays
 - B. Distance annual rays
 - C. Distance grain
 - D. Better insulating
13. Which type of grain on wood is suitable for furniture?
 - A. Straight grain
 - B. Cross grain
 - C. Interlock grain
 - D. Wayne grain
14. Which characteristic of wood is useful for making furniture (Executive table)?
 - A. Light warping
 - B. Light shrinkage
 - C. Sawing very more time
 - D. More natural durability and High resale value
15. What is the essential characteristic of wood for furniture work?
 - A. Easily apply to marking
 - B. Easily apply to paint
 - C. Easily apply to drilling
 - D. Easily converted to any shape
16. What is the characteristic of wood for furniture work (Packing cases)?
 - A. More vibration
 - B. Medullary rays clear
 - C. Medullary ray very near
 - D. Loading and unloading element

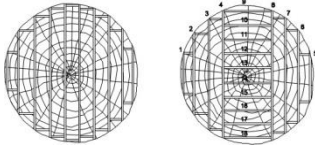
ANSWERS

1	A	2	A	3	A	4	B	5	B
6	A	7	A	8	A	9	D	10	D
11	A	12	D	13	A	14	D	15	D
16	D								

SIMPLE FURNITURE MAKING -

3.FURNITURE

1. What is the method of sawing?

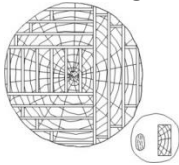


- A. Live sawing
- B. Radial sawing
- C. Quarter sawing
- D. Tangential sawing

2. Which method of sawing is done very quickly?

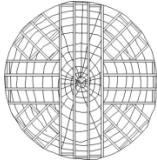
- A. Box sawing
- B. Radial sawing
- C. Quarter sawing
- D. Tangential sawing

3. What is the name of sawing method?



- A. Back sawing
- B. Live sawing
- C. Radial sawing
- D. Quarter sawing

4. What is the name of sawing method?



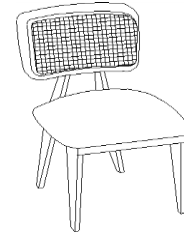
- A. Live sawing
- B. Back sawing
- C. Quarter Sawing
- D. Tangential sawing

5. What is the name of table?



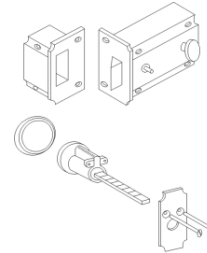
- A. Office table
- B. Dressing table
- C. Dining table
- D. Telephone table

6. What is the name of chair?



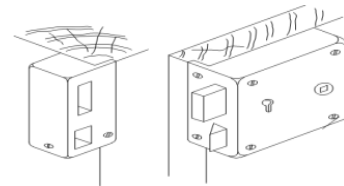
- A. Office chair
- B. Library chair
- C. Classroom chair
- D. Dinning chair

7. Which name of lock is used in carpentry work?



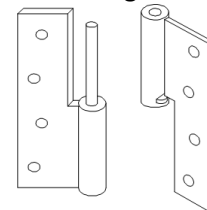
- A. Rim lock
- B. Mortise lock
- C. Case and fastener lock
- D. Cylinder rim night latch lock

8. What is the name of lock?



- A. Rim lock
- B. Pad lock
- C. Mortise lock
- D. Cylinder lock

9. What is the name of hinge?

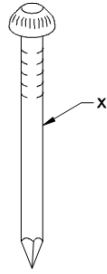


- A. Strap hinge
- B. Butt hinge
- C. Rising butt hinge
- D. Parliament hinge

10. What is the material used for making wire nail?

- A. Steel
- B. Mild steel
- C. High carbon steel
- D. High speed steel

11. What is the name of part marked as X in Diamond Head nail?

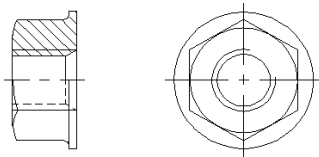


- A. Head
- B. Point
- C. Shank
- D. Barbs

12. Which screw has two slots at right angles?

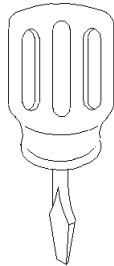
- A. Coach screw
- B. Square head screw
- C. Raised head screw
- D. Phillips head screw

13. What is the name of nut?



- A. Square nut
- B. Cap nut
- C. Flanged nut
- D. Hexagonal nut

14. What is the name of screw driver?

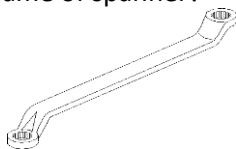


- A. Phillips screw driver
- B. Standard screw driver
- C. Small sturdy
- D. Offset screw driver

15. Which type of screw driver is used by carpenters?

- A. Phillips screw driver
- B. Standard screw driver
- C. Offset screw driver
- D. London pattern screw driver

16. What is the name of spanner?



- A. Ring spanner
- B. Wrench spanner
- C. Single end spanner
- D. Double end spanner

17. What is the material used in manufacture of spanner?

- A. Mild steel

- B. Drop forged steel
- C. High carbon steel
- D. Low carbon steel

18. Which method of sawing increases the value of the timber for cabinet work?

- A. Quarter sawing
- B. Tangential sawing
- C. Back sawing
- D. Live sawing

19. Which method of sawing used for constructional work, fence packing and packing case?

- A. Parallel sawing
- B. Back sawing
- C. Radial sawing
- D. Quarter sawing

20. What is the purpose of conversion timber?

- A. Commercial purposes
- B. Appearance purposes
- C. Identified purposes
- D. Classification purposes

21. What is the benefit of conversion timber?

- A. Minimize shrinkage
- B. More shrinkage
- C. More damage
- D. More cost

22. What is the advantage of conversion timber?

- A. Sawing more time
- B. Improve the weight
- C. Improve the size
- D. Loading and unloading quickly

23. Where is the use of dressing table furniture?

- A. Bed room
- B. Dining room
- C. Living room
- D. Kitchen room

24. Where is the use of executive table furniture?

- A. Library
- B. Class room
- C. Office room
- D. Living room

25. What is the furniture is used for class room?

- A. Index cabinet
- B. Executive table
- C. Map stand
- D. Sofas

26. Which furniture is used for library?

- A. Glass board
- B. Map stand
- C. Executive chair
- D. Book shelves

27. Which joint is strength in small table top rail?

- A. Hunched mortise and tenon joint
- B. Half lap joint

- C. Bridle joint
D. Scarf joint
28. Which joint is used for small table bottom rail?
A. Hunched mortise and tenon
B. Single mortise and tenon
C. Double mortise and tenon
D. Stub mortise and tenon
29. What is the benefit of MDF boards?
A. Uniform grain
B. Building work
C. Lorry body building
D. Less expensive
30. What is the advantage of MDF board?
A. Quick drying
B. Less moisture
C. Easy to bend
D. Easy to finish
31. What is the use of T hinges?
A. Similar doors
B. Folding doors
C. Swinging doors
D. Long and heavy doors
32. What is the hinge used for automatically closed door?
A. Butt hinge
B. Strap hinge
C. Spring hinge
D. Garnet hinge
33. Which hinge is used for common wood work?
A. Butt hinge
B. Strap hinge
C. Spring hinge
D. Rising butt hinge
34. What is the advantage of butt hinge?
A. Cheap and durable
B. Effect good comfort
C. Greater holding power
D. High rusting power
35. What is the special purpose of copper and brass nails?
A. Roofing
B. Packing
C. Boat building
D. Railway sleeper's
36. Which screw is used for the general screwing purpose?



- A. Round head
B. Oval head

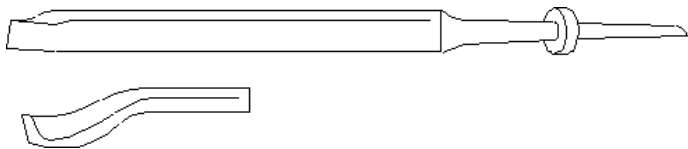
- C. Raised head
D. Counter sunk flat head
37. What is the application of insulation screw driver?
A. Used for heavy work
B. Used by carpenters
C. Used by electricians
D. Used by limited space
38. What is the reason for radial sawing taking more time?
A. Saw blade slow speed
B. Saw blade very high speed
C. Timber more moisture
D. Handling the log turning new position
39. What is the reason for hasp and staple attached with bolt and nuts rather than with screws?
A. Security
B. Rusting
C. Dusting
D. Edge damage
40. Why the neck is square in hook bolt?
A. For inserting nut
B. Prevents rotation of bolt
C. For beauty
D. For getting load

ANSWERS

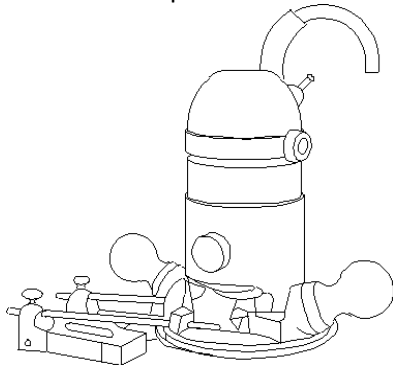
1	A	2	D	3	A	4	C	5	C
6	D	7	D	8	A	9	D	10	B
11	C	12	D	13	C	14	C	15	D
16	A	17	B	18	A	19	A	20	A
21	A	22	D	23	A	24	C	25	C
26	D	27	A	28	D	29	D	30	D
31	D	32	C	33	A	34	A	35	C
36	D	37	C	38	D	39	A	40	B

WOOD CARVING

1. Which is chisel used for carving work?



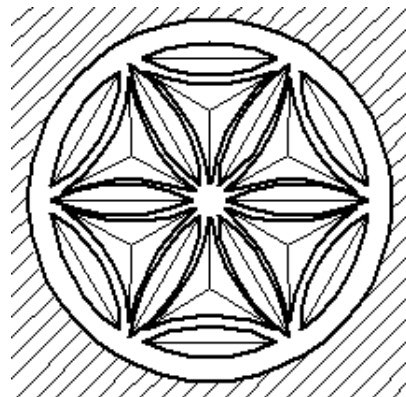
- A. Flat chisel
B. Firmer chisel
C. Mortise chisel
D. Straight and bend chisel
2. What is the definition of ornamentation?
- A. Uniform colour
B. Good quality
C. Good finishing
D. Decoration of wood article
3. What is the name of portable electric machine?



- A. Jig saw
B. Router
C. Belt sander
D. Circular hand saw
4. What is the wood selected for the ornamentation work?
- A. Hard wood
B. Twisted timber
C. Used knot timber
D. Natural grain of figured timber
5. Where is the carving work done in wooden door?
- A. Surface only
B. Edge only
C. End only
D. Oblique only
6. Who relies chiefly on figure, grain colour of timber?
- A. Good designer
B. Hard worker
C. Unskilled person
D. Special man for works
7. What is the method of attractive items used in door frame and door shutters?
- A. Nailing
B. Screwing

- C. Carving
D. Sanding

8. What is the advantage of portable electric router machine?
- A. Smoothing surface of work
B. Chiselling purpose
C. Large straight holes
D. Used for moulding and grooving
9. Why wood is used for ornamentation?
- A. Strength for work
B. Life for work
C. Cost of work
D. Beautify the work
10. Which carving is made of straight lines and areas of circles?



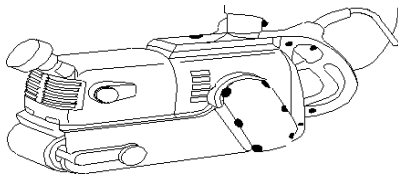
- A. Matching
B. Punching
C. Chip carving
D. Relief carving
11. What is the reason for carving knife slips?
- A. Correct position
B. Hold the chisel
C. Proper cutting edge
D. Incorrect position

ANSWERS

1	D	2	D	3	A	4	D	5	A
6	A	7	C	8	D	9	D	10	C
11	D								

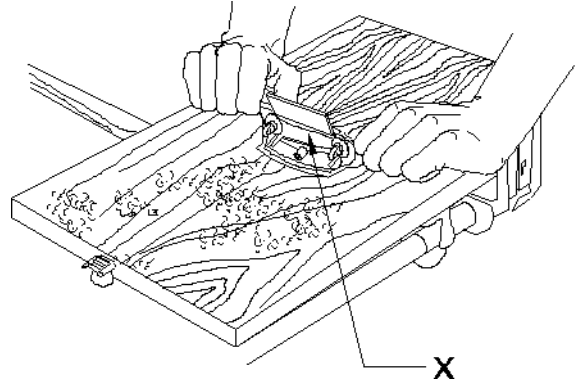
WOOD FINISHING

1. Which is the composition of white lead and zinc mixed with linseed oil?
 - A. Paint
 - B. Stain
 - C. Polish
 - D. Varnish
2. How many hours is allowed to dry the first coat of paint?
 - A. 24 hours
 - B. 48 hours
 - C. 72 hours
 - D. 96 hours
3. Which material is used for paint to be thinned?
 - A. Thick oil
 - B. Coconut oil
 - C. Turpentine oil
 - D. Benzene oil
4. What is the name of sander machine?



- A. Belt sander
 - B. Power sander
 - C. Disc sander
 - D. Orbital sander Sand paper
5. What is preparation of putty?
 - A. Resin and common wax
 - B. Gum mastic and gum benzoin
 - C. Gum sandaraz and spirit
 - D. Lead and zinc
6. What is the name of first coat in painting?
 - A. Priming
 - B. Gluing
 - C. Polishing
 - D. Varnishing
7. What is the indicated by sand paper as per colour?
 - A. Yellowish sandy
 - B. Green
 - C. Reddish
 - D. Black
8. How many days are required for good quality of polish after preparation of mixtures?
 - A. 5 days
 - B. 10 days
 - C. 15 days

- D. 20 days
9. What is the recipe of good quality polish?
 - A. Wax and chalk powder
 - B. White lead and zinc
 - C. Linseed oil and turpentine
 - D. Shellac, gum mastic and gum sandaraz
10. Which of the following is drawn over the timber very fine shavings are produced?
 - A. Flat scraper
 - B. Hand scraper
 - C. Spock shave
 - D. Cabinet scraper
11. What is the application of hand scraper?



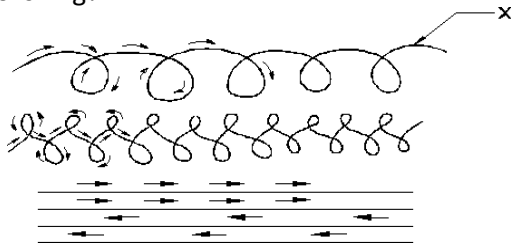
- A. Flat scraper
 - B. Hand scraper
 - C. Spock shave
 - D. Cabinet scraper
12. What is the application of hand scraper?
 - A. Marking the work
 - B. Parting the work
 - C. Sharpen the cutting edge
 - D. Scrape all the wood surface
13. What is produced by the orbital sander machine?
 - A. Tenon surface
 - B. Bevel surface
 - C. Grooved surface
 - D. Flat and curved surface
14. When sand paper is used?
 - A. Removed the dust
 - B. Removed the burr
 - C. Finish the wood surface
 - D. Instead of finish
15. What is the application of sand paper?
 - A. Sharpening of wood chisel
 - B. Removed the rusting
 - C. Prevent them rusting
 - D. Last smoothing the surface
16. What is the benefit of wooden putty?
 - A. Cover screw heads
 - B. Good appearance
 - C. Work is uniform strength
 - D. Greater holding power
17. What is the advantage of the stain?

- A. Uniform colour
- B. Life of wood
- C. Effective against termites
- D. Good appearance

18. What is the benefit of the stain?

- A. Cover screw head and gags
- B. Cover the cracks and splits
- C. Avoid the check and warp
- D. New furniture match existing furniture

19. What is the method marked as X in application of polishing?



- A. First coat
- B. Second coat
- C. Finishing
- D. Filling the grains

20. What is the result of applying the polish?

- A. Rub surface finish
- B. Less salvage value
- C. Better insulating properties
- D. Fine glossy finish

21. What is the movement for the polish second coat?

- A. Way the cross of grain
- B. From the straight
- C. Along the grain
- D. Circular motion

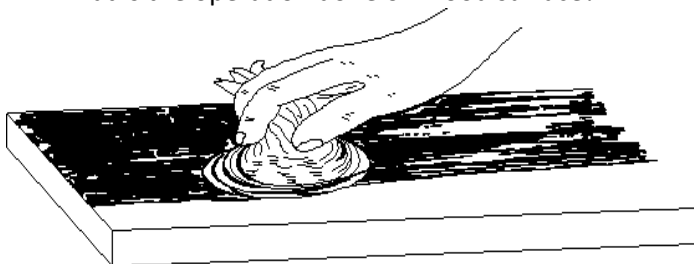
22. Where is polish avoided?

- A. Smooth surface
- B. Rough surface
- C. Planning surface
- D. Fin surface

23. What is the application of wood finishes?

- A. Putty
- B. Filler
- C. Polish
- D. Galvanized

24. What is the operation done on wood surface?



- A. Applying coconut oil
- B. Applying putty
- C. Applying stain

D. Applying polish

25. Which method forms special works in furniture?

- A. Marking
- B. Joining
- C. Gluing
- D. Polishing

26. Which stain is easy to apply and do not raise the grain?

- A. Oil stain
- B. Water stain
- C. Wax stain
- D. Glue stain

27. What is to be avoided while sanding?

- A. Along the grain
- B. Closed the grain
- C. Straight the grain
- D. Across the grain

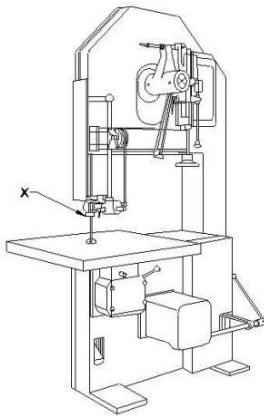
ANSWERS

1	A	2	B	3	C	4	B	5	A
6	A	7	A	8	C	9	D	10	B
11	D	12	D	13	D	14	C	15	D
16	A	17	D	18	D	19	A	20	D
21	C	22	B	23	C	24	D	25	D
26	A	27	D						

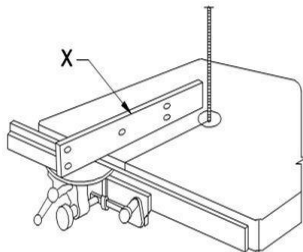
WOOD WORKING MACHINE -

1.SAWING

1. What is the material used to manufacture band saw machine frame?
 - A. Steel
 - B. Cast iron
 - C. Mild steel
 - D. Forged steel
2. Which determines the size of band saw machine?
 - A. Width of the wheels
 - B. Diameter of the wheels
 - C. Thickness of the wheels
 - D. Length of the guide post
3. What is the part marked as X?



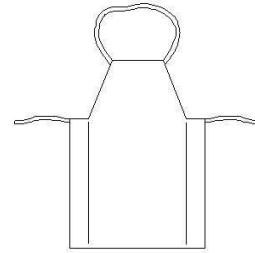
- A. Table
 - B. Guard
 - C. Saw guide
 - D. Saw straining wheel
4. Which part is tilted and lowered at an angle 45° in band saw machine?
 - A. Table
 - B. Upper guide
 - C. Lower wheel
 - D. Upper wheel
 5. What is the part marked as X?



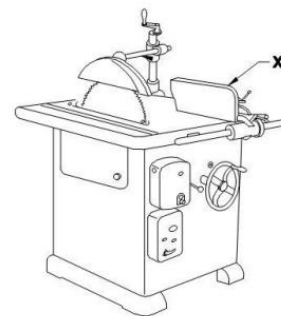
- A. Saw
 - B. Table
 - C. Fence
 - D. Guide post
6. Which is the fitted to wheels for smooth running in band saw machine?
 - A. Ball bearing
 - B. Split bearing
 - C. Solid bearing

D. Bush bearing

7. Which is the P.P.E to protect the body?



- A. Hand screen
 - B. Safety boot
 - C. Gloves
 - D. Apron
8. Which part is adjusted according to the thickness of stock for sawing in band saw?
 - A. Guide post
 - B. Saw guides
 - C. Throat plate
 - D. Thrust wheels
 9. Which part of the band saw machine prevents damage of teeth while breaking?
 - A. Saw guide
 - B. Upper guide
 - C. Throat plate
 - D. Ripping fence
 10. Which determines the size of circular saw machine?
 - A. Small diameter the circular blade
 - B. Medium diameter the circular blade
 - C. Minimum diameter the circular blade
 - D. Maximum diameter the circular blade
 11. What is the name of part marked as X?

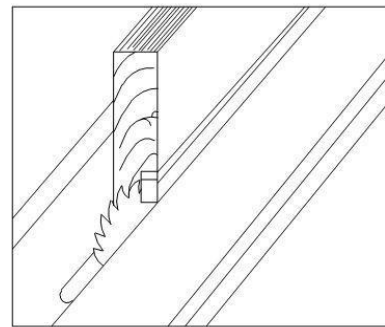


- A. Fence
 - B. Saw blade
 - C. Crown guard
 - D. Extension guard
12. What is the name of machine used for cutting, bevels, rebates, grooves and tenons?
 - A. Mortising
 - B. Band saw
 - C. Circular saw
 - D. Turning lathe
 13. What is the advantage of ripping fence in band saw machine?
 - A. Accurate repacking and grooving

- B. Accurate ripping and cross cutting
 - C. Accurate mitre and inclined cutting
 - D. Accurate zig-zag and key hole cutting
14. What is the use of horizontal band saw machine?
- A. Sawing size timber
 - B. Sawing curve and mitre
 - C. Sawing large diameter logs
 - D. Sawing small diameter logs
15. What is the function of saw blade in band saw machine?
- A. Running over two vertical wheels
 - B. Running over two inclined wheels
 - C. Running over two vertical spur gear
 - D. Running over two vertical Vee pulley
16. Which is the adjustment for height of saw guide post above the job in band saw machine?
- A. 10 mm
 - B. 20 mm
 - C. 30 mm
 - D. 40 mm
17. Which part is used to support the work while sawing in band saw machine?
- A. Table
 - B. Upper wheel
 - C. Lower wheel
 - D. Saw straining wheel
18. Which P.P.E is used for handling the job while working in band saw machine?
- A. Gloves
 - B. Hand screen
 - C. Welding helmet
 - D. Leg guards
19. What is the use of vertical band saw machine?
- A. Sawing size timber
 - B. Sawing zigzag cutting
 - C. Sawing keyhole cutting
 - D. Sawing large diameter log
20. Which part is used for cross cutting in vertical band saw machine?
- A. Butt gauge
 - B. Wire gauge
 - C. Mitre gauge
 - D. Panel gauge
21. How the work is fed for curve cutting in band saw machine?
- A. Very low and evenly
 - B. Very high and evenly
 - C. High and evenly
 - D. Slowly and evenly
22. Which tool is used for support of sawing in band saw machine?
- A. Iron bar
 - B. Push stick

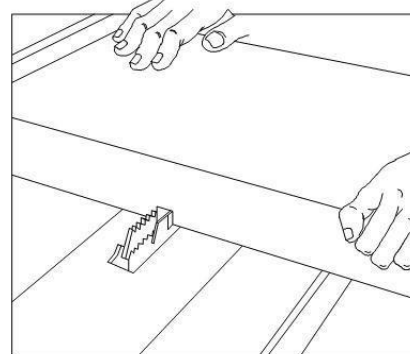
- C. Cork block
- D. Wooden rule

23. Which part of the circular saw machine is used for guiding the stock?
- A. Table
 - B. Saw guard
 - C. Ripping fence
 - D. Extension guard
24. What is the benefit of mitre gauge in cross cutting?
- A. Support of the blade
 - B. Marking the work piece
 - C. Measuring the work piece
 - D. Guide and hold work piece
25. What is the name of operation in circular saw machine?



- A. Ripping
- B. Rebating
- C. Tenoning
- D. Grooving

26. What is the operation for circular saw machine?



- A. Ripping
 - B. Grooving
 - C. Mitre cutting
 - D. Bevel cutting
27. Which is the maximum hard wood thickness that can be cut in portable circular saw machine?
- A. 50 mm
 - B. 60 mm
 - C. 70 mm
 - D. 80 mm
28. Which blade is used to cut block boards, plywood in portable circular saw machine?

- A. Special blades
- B. Plate saw blade
- C. Hollow ground blade
- D. Taper plate

29. How to avoid wobbling and twisting in the cut of band saw machine?

- A. Using throat plate
- B. Using upper wheel
- C. Using thrust wheels
- D. Using guide post Jaws

30. What is the remedy of click noise while working on the band saw machine?

- A. Remove the wood
- B. Releasing the tension
- C. Switch off the machine
- D. Adjust the ripping fence

31. How to maintain the band saw blade before sawing on the machine?

- A. Sharp the blade using file
- B. Properly adjust the tension
- C. Properly adjusted ripping fence
- D. Setting the teeth using saw set

32. How to maintain the vertical band saw machine after the work?

- A. Check the wheels
- B. Sharpen the blade
- C. Clean and lubricate
- D. Check the guide post

33. How to maintain the band saw wheels before switching on the machine?

- A. Clean the rust
- B. Clean the dust
- C. Check the alignment
- D. Guards must be closed

34. How to maintain the band saw machine blade after the work?

- A. Filing of the teeth
- B. Setting of the teeth
- C. Sharpening of the teeth
- D. Releasing tension and safe

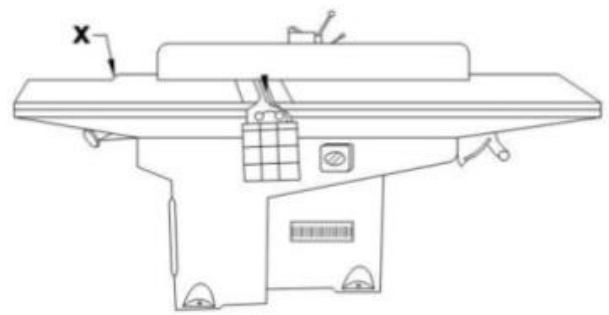
35. What is the prevention taken while working with a circular saw machine?

- A. Avoid lubrication
- B. Proper saw blade
- C. Use the knot timber
- D. Never stand directly in the line with blade

36. What is the safety precaution observed in working circular saw machine?

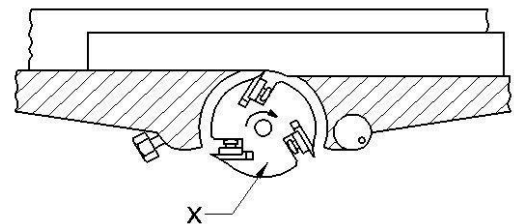
- A. Maintain the angle of teeth
- B. Maintain the size of blade
- C. Maintain the pitch of blade
- D. Check the blade is properly fitted and tightened to arbor

37. What is the part marked as X in jointer planer?



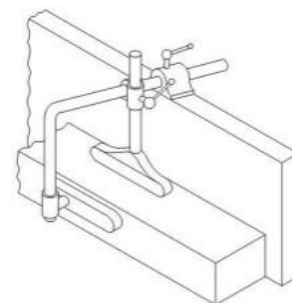
- A. Fence
- B. Rear table
- C. Front table
- D. Cutter head

38. What is the part marked as X in planer?



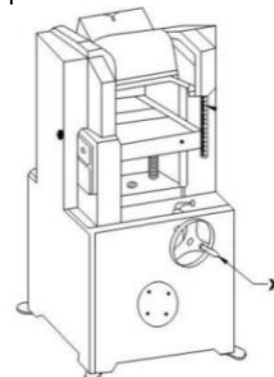
- A. Cutter head
- B. In feed table
- C. Out feed table
- D. Cutter head slot

39. What is the part attached in surface planer?



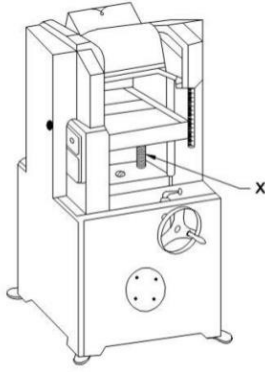
- A. Fence
- B. Rear table
- C. Front table
- D. Cutting head

40. What is the part marked as X in thickness planer?



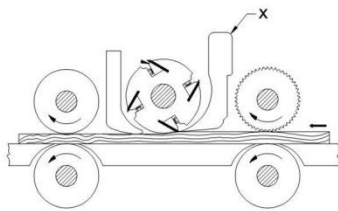
- A. Table lock
- B. Scale for table height
- C. Table elevating screw
- D. Table elevating hand wheel

41. What is the part marked as X in thickness planer?



- A. Cover
- B. Table lock
- C. Table elevating screw
- D. Table elevating hand wheel

42. What is the part marked as X in thickness planer?

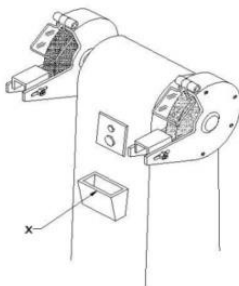


- A. Gib
- B. Rolls
- C. Out feed roll
- D. Chip breaker

43. Which type of wood avoid in thickness planer?

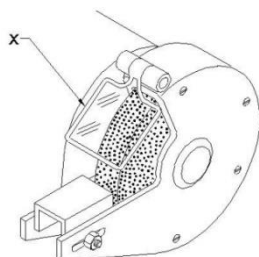
- A. Seasoning timber
- B. Unseasoning timber
- C. Straight grain timber
- D. Warped and twisted timber

44. What is the part marked as X in pedestal grinding machine?



- A. Wheel guard
- B. Eye shield
- C. Grinding wheel
- D. Coolant container

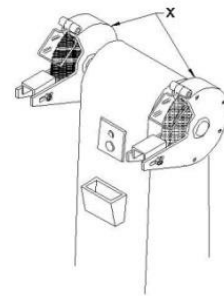
45. What is the part marked as X?



- A. Eye shield

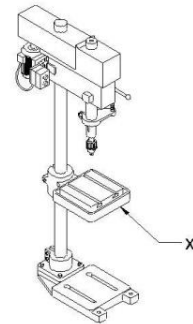
- B. Work rest
- C. Guards
- D. Grinding wheel

46. What is the name of part marked as X?



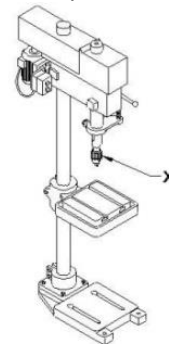
- A. Wheel guards
- B. Coarse grinding wheel
- C. Work rest
- D. Fine grinding wheel

47. What is the part marked as X?



- A. Base
- B. Pillar
- C. Spindle
- D. Work table

48. What is the name of part marked as X?



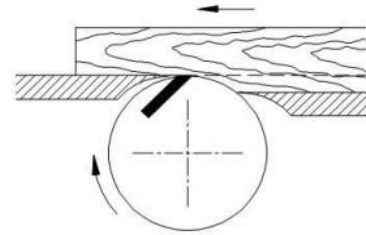
- A. Chuck
- B. Column
- C. Motor
- D. Belt guard

49. What is the type of drill bit?



- A. Straight shank drill
 - B. Taper shank drill
 - C. Flat drill
 - D. Counter sink drill
50. What is the use of jointer planer?
- A. Planning to end
 - B. Planning to curves
 - C. Planning to surface
 - D. Planning to thickness
51. What is the benefit of fence in surface planning machine?
- A. Used as a guide
 - B. Adjust the surface
 - C. Support of the base
 - D. Adjust the cutting height
52. Which determines the size of surface planer?
- A. Width of the cut
 - B. Width of the cutter
 - C. Speed of the cutter head
 - D. Diameter of the cutter head
53. Which part support the board after planning in surface planer?
- A. Base
 - B. Fence
 - C. Rear table
 - D. Front table
54. What is the function of in feed roller in thickness planer?
- A. Support the stock
 - B. Used as a stopper
 - C. Move the stock forward
 - D. Used for thickness maintenance
55. What is the purpose of rolls in thickness planer?
- A. Support of the stock
 - B. Prevent from the blade
 - C. Helps to carry the stock
 - D. Prevent from cutter head
56. Where pressure bar is located in thickness planer?
- A. Behind the rolls
 - B. Behind the in feed roll
 - C. Behind the out feed roll
 - D. Behind the cutter head

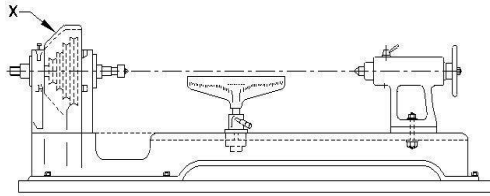
57. Which PPE is used for eye protection while working in planning machine?
- A. Face shield
 - B. Helmets
 - C. Leather leg guards
 - D. Gum boots
58. What is the PPE to protect against inhaling of dust while working in planning machine?
- A. Nose mask
 - B. Head shield
 - C. Leather apron
 - D. Helmets
59. What is the sequence of setting in planer?



- A. Setting the work
 - B. Setting the table
 - C. Setting the fence
 - D. Setting the guard
60. Which machine is used to sharpen single point cutting tools?
- A. Cylindrical grinder
 - B. Surface grinder
 - C. Portable grinder
 - D. Pedestal grinder
61. Which part of the pedestal grinder supports the work while grinding?
- A. Wheel guards
 - B. Coarse grinder wheel
 - C. Tool rest
 - D. Fine grinding wheel
62. What is the purpose of a work rest in pedestal grinder?
- A. Maintain the size
 - B. Move the stock
 - C. Hold the work
 - D. Support the work
63. What is the gap to be maintained between grinding wheel and work rest in pedestal grinding machine?
- A. 2 to 3 mm
 - B. 4 to 5 mm
 - C. 6 to 7 mm
 - D. 8 to 9 mm
64. Which is the operation performed in pedestal grinding machine?
- A. Vertical grinding
 - B. Rough grinding
 - C. Cored grinding

- D. Zig zag grinding
65. Which is the personal protective equipment used for eye protection while grinding?
- Apron
 - Helmet
 - Hand gloves
 - Safety goggles
66. What is the necessity for coolant while grinding?
- Quenching of tool
 - Quick sharpening of tool
 - Quick grinding of tool
 - Hardening of tool
67. What is the purpose of chuck in pedestal drilling machine?
- Support the drill bit
 - Support the work
 - Hold the work
 - Hold the drill bit
68. Which part of the pedestal drilling machine controls the feeding of the drill while drilling?
- Base
 - Work table
 - Motor
 - Feed handle
69. Which material is used for making twist drill bits?
- Mild steel
 - Spring steel
 - Alloy steel
 - High speed steel
70. What is the safety precaution to be observed in thickness planer?
- Never lubricate the machine
 - Blade free of gum and edge
 - Apply proper tension to blade
 - Never bend down to look while running
71. Which stock is to avoid planing in thickness planer?
- Uniform width
 - Straight grain
 - Varying thickness
 - Uniform thickness
72. What is the cause for planed surface not straight and accurate?
- Used proper lubrication
 - Work piece very hardness
 - Setting the fence not properly
 - Rear table not proper alignment
73. How to maintain the knives in surface planer?
- Check the strength
 - Check the hardness
 - Sharpening at all time
 - Maintenance size and shape
74. How to maintain the out feed table in surface planer?
- Check the proper depth
 - Check the proper height
 - Check the proper weight
 - Check the proper alignment
75. How to align the knife edges in surface planer?
- Parallel to the base
 - Parallel to cutter guard
 - Parallel to out feed table
 - Parallel to the work piece
76. How to feed the stock in thickness planer?
- Slowly and evenly
 - Highly and evenly
 - Slowly and inclined
 - Highly and inclined
77. How to maintain the grinding wheel in pedestal grinding machine?
- Proper oiling
 - Proper greasing
 - Proper cooling
 - Avoid heavy load
78. What is the reason for avoiding the side of grinding wheel?
- Grinding wheel guard damage
 - Spindle will damage
 - Tool tip break
 - Grinding wheel break
79. Which Personal Protective Equipment (PPE) is used for the protection of legs of operator while drilling?
- Nose mask
 - Ear plug
 - Ear muff
 - Safety shoes
80. What is the safety precaution for drilling in pedestal drilling machine?
- Check the key
 - Size of drill
 - Check the work piece
 - Check the electrical connection
81. Which PPE is to protect the hand while drilling?
- Helmets
 - Gloves
 - Nose mask
 - Leather aprons
82. Which part of the wood turning lathe is sliding on bed?
- Tail stock
 - Head stock
 - Tool rest
 - Dead centre

83. What is the part marked as X in wood turning lathe?

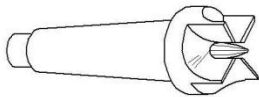


- A. Tool rest
- B. Tail stock
- C. Headstock
- D. Tool rest clamp

84. Which part of the wood turning lathe is permanently fixed at the end of bed?

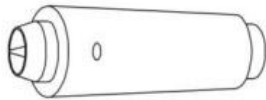
- A. Head stock
- B. Tail stock
- C. Tool rest
- D. Dead centre

85. What is the name of centre used in wood turning lathe?



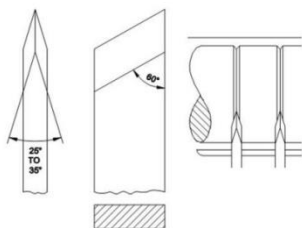
- A. Pin centre
- B. Cup centre
- C. Spur centre
- D. Dead centre

86. Which centre is used for wood turning lathe?



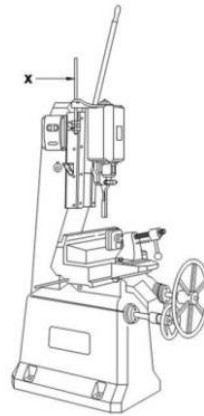
- A. Cup centre
- B. Live centre
- C. Spur centre
- D. Screw centre

87. What is the chisel is used for wood turning work?



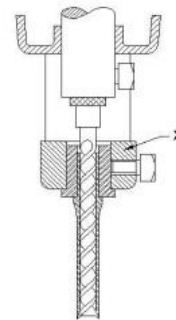
- A. Skew chisel
- B. Socket firmer chisel
- C. Socket mortise chisel
- D. Registered firmer chisel

88. What is the part marked as X in mortising machine?



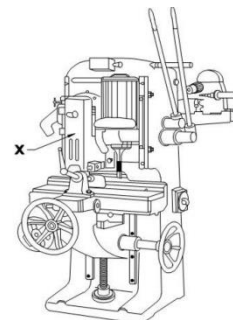
- A. Vice
- B. Chisel
- C. Depth gauge
- D. Operating handle

89. What is the part marked as X in mortiser?



- A. Bit spindle
- B. Chisel socket
- C. Hollow chisel bit
- D. Chisel bushing set screw

90. What is the part marked as X in mortising machine?

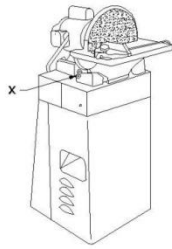


- A. Vice
- B. Chain guard
- C. Operation handle
- D. Chain sharpening attachment

91. Which sanding machine is used to produce hollow and irregular curves?

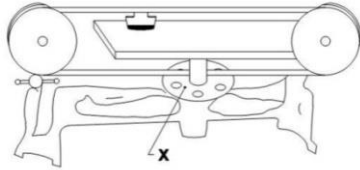
- A. Belt sander
- B. Disk sander
- C. Drum sander
- D. Spindle sander

92. What is the part marked as X in disk sander?



- A. Base
- B. Abrasive disk
- C. Lock knob
- D. Tilting table

93. What is the part marked as X in belt sander machine?

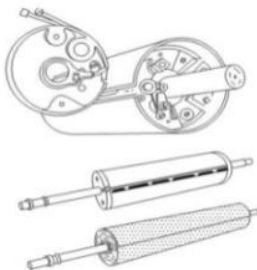


- A. Belt
- B. Wheel
- C. Tension block
- D. Adjustment hand wheel

94. Which part of the spindle sander machine is tilted at 45°?

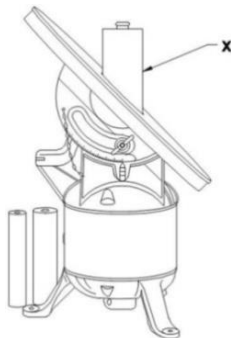
- A. Base
- B. Shaft
- C. Table
- D. Frame

95. What is the part in sander machine?



- A. Sanding disk
- B. Sanding belt
- C. Sanding drum
- D. Sanding spindle

96. What is the part marked as X in sanding machine?



- A. Belt sander
- B. Disk sander
- C. Drum sander

D. Spindle sander

97. What is the purpose of live centre in wood turning lathe?

- A. Driving the work
- B. Drilling the work
- C. Turning the work
- D. Polishing the work

98. Which determines the size of wood turning lathe?

- A. Width of the work piece
- B. Length of the work piece
- C. Thickness of the work piece
- D. Diameter of the swing in work piece

99. Which material is used in manufacture of horizontal bed in wood turning lathe?

- A. Big iron
- B. Cast iron
- C. Drop forged steel
- D. High utensil steel

100. Which part is used for turning stand base, fruit bowls in wood turning lathe?

- A. Cup chuck
- B. Face plate
- C. Cup centre
- D. Dead centre

101. What is the use of dead centre in wood turning lathe?

- A. Hold the work
- B. Hold the chisel
- C. Drives the work
- D. Support the tool

102. Which type of chisel is used for turning the work from square to round?

- A. Skew chisel
- B. Gouge chisel
- C. Parting chisel
- D. Spear point chisel

103. Which chisel used for different shoulder cuts according to the dimensions in the turning work?

- A. Gouge chisel
- B. Parting chisel
- C. Spear point chisel
- D. Round nose chisel

104. What is the name of chisel used for taper turning?

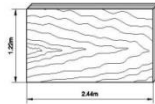
- A. Skew chisel
- B. Gouge chisel
- C. Round nose chisel
- D. Spear point chisel

105. What is the function of table from mortising machine?

- A. Move the inclined
- B. Move the vertically
- C. Can be tilted any angle

- D. Move laterally to line with chisel
106. Which part is used to move the job laterally and longitudinally?
- Chuck
 - Fence
 - Hand wheel
 - Depth gauge
107. Which chisel shape is used for the mortising machine?
- Round
 - Square
 - Half round
 - Rectangular
108. Which size of pitch is provided in the chain mortiser for large holes?
- 13 mm
 - 15 mm
 - 16 mm
 - 22 mm

109. What is the area of board?



- 2.92 sq metre
 - 2.95 sq metre
 - 2.96 sq metre
 - 2.97 sq metre
110. Calculate the volume of log if d1, d2 and length are 0.5m, 0.7m and 10m respectively?
- 1.826 m³
 - 2.826 m³
 - 3.826 m³
 - 4.826 m³
111. Which method is suitable for sanding work on a surface?
- Along the surface
 - Inclined surface
 - Diameter surface
 - Across the surface
112. What is the purpose of aluminium oxide abrasive in high speed sander machine?
- Old wood finishing
 - Soft wood finishing
 - Hard wood finishing
 - Nailed surface finishing
113. Which type of sander are large, heavy production machine?
- Belt sander
 - Disk sander
 - Drum sander
 - Spindle sander
114. Which type of wood is suitable for sanding work?
- Old wood
 - New wood
 - Nailed wood
 - Excess glue wood
115. Which wood is avoided in wood turning work?
- Seasoned wood
 - Straight grain timber
 - Uniform texture wood
 - Knots and splits wood
116. Why wax is applied to the point of dead centre in wood turning lathe?
- Avoid noise
 - Prevent fire
 - Prevent crack
 - Job rotating smoothly
117. What is ensures by rotating the stock by hand in wood turning work?
- Clearance live centre and tool rest
 - Clearance dead centre and tool rest
 - Clearance between stock and tool rest
 - Clearance between live centre & dead centre
118. What is the remedy for the face plate jamming against the shoulder of the wood turning lathe live spindle?
- Fix the cotton pad
 - Fix the iron washer
 - Fix the core washer
 - Fix the leather washer
119. How to maintain the wood turning job before setting the centres in wood working lathe?
- Remove the stone
 - Remove the rough end
 - Remove the rough surface
 - Remove the sharp corners
120. How to maintain the chisel in wood turning work?
- Never lubricate
 - Lubricate frequently
 - Use always sharpened
 - Select the chisel in work
121. How to maintain the chisel and auger bit in hollow chisel mortiser?
- Check the size
 - Keep in a safe place
 - Sharpening to be ensured
 - Lubricate frequently
122. How to maintain the sprocket wheel in mortising machine?
- Never lubricate
 - Lubricate frequently
 - Avoid rusting
 - Avoid stripping

123. Which wood surface is avoided in sanding work?
- Convex surface
 - Straight surface
 - Irregular surface
 - Excess glue and nailed surface

ANSWERS

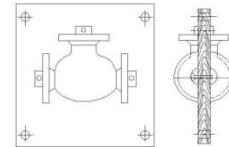
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16	B	17	A	18	A	19	A	20	C
21	D	22	B	23	C	24	D	25	B
26	B	27	A	28	A	29	D	30	C
31	B	32	C	33	D	34	D	35	D
36	D	37	B	38	A	39	A	40	D
41	C	42	D	43	D	44	D	45	A
46	A	47	D	48	A	49	B	50	C
51	A	52	A	53	C	54	C	55	C
56	D	57	A	58	A	59	B	60	D
61	C	62	D	63	A	64	B	65	D
66	A	67	D	68	D	69	D	70	D
71	C	72	D	73	C	74	D	75	C
76	A	77	D	78	D	79	D	80	D
81	B	82	A	83	C	84	A	85	C
86	A	87	A	88	C	89	B	90	B
91	D	92	C	93	D	94	C	95	C
96	D	97	A	98	D	99	B	100	B
101	A	102	B	103	B	104	A	105	D
106	C	107	B	108	D	109	D	110	B
111	A	112	C	113	C	114	B	115	D
116	D	117	C	118	D	119	D	120	C
121	C	122	B	123	D				

PATTERN MAKING

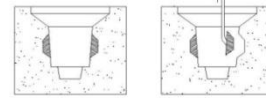
- What is the type of rule called as shrinkage rule?
 - Steel rule
 - Folding rule
 - Zigzag rule
 - Contraction steel rule
- What is the name of pattern?



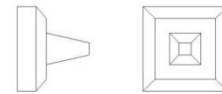
- Split
 - Solid
 - Gated
 - Cope and drag
- What is the name of pattern?



- Multi – piece
 - Match – plate
 - Loose – piece
 - Cope and drag
- What is the name of pattern?



- Sweep pattern
 - Skeleton pattern
 - Segmental pattern
 - Loose-piece pattern
- What is the name of pattern?



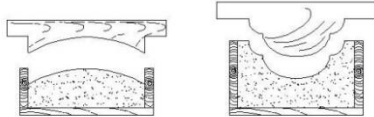
- Spilt
 - Solid
 - Gated
 - Sweep
- What is the structure of dowel pins?
 - Square
 - Half round
 - Cylindrical
 - Rectangular

7. What is the name of pattern?



- A. Split
- B. Solid
- C. Two piece
- D. Multi piece

8. What is the name of core box?



- A. Half core box
- B. Dump core box
- C. Split core box
- D. Strickle core box

9. What is the name of core box?



- A. Half core box
- B. Split core box
- C. Dump core box
- D. Strickle core box

10. Which type of rule is used by the pattern maker?

- A. Foot rule
- B. Steel rule
- C. Collapsible rule
- D. Contraction steel rule

11. What is the use of fillet iron in pattern?

- A. Avoid wears
- B. Give exact radius
- C. Improve the strength
- D. Avoid waste of metal

12. How much degree of drafting allowance is provided in pattern internal surface?

- A. 6°
- B. 5°
- C. 4°
- D. 3°

13. How much degree of drafting allowance is provided in pattern external surface?

- A. 4°
- B. 3°
- C. 2°
- D. 1°

14. What is the advantage of teak wood in pattern making?

- A. Low in price
- B. Easy to shape

C. Light in colour

D. Diagonal grain

15. Which type of timber is used for machine moulding pattern?

- A. Teak
- B. Pine
- C. Deodar
- D. Mahogany

16. What is the advantage of pattern allowance?

- A. Reduce machining cast
- B. Save the time of casting
- C. Avoid mistake in casting
- D. Easy to prepare the pattern

17. Which is used for pattern design to obtain defect free casting?

- A. Core
- B. Fillet
- C. Fillet iron
- D. Pattern allowance

18. What is the advantage of cope and drag pattern?

- A. Simplest of pattern
- B. Large number of casting
- C. Limited number of casting
- D. Commonly used for casting small pulley

19. Which pattern is used for making bell shaped casting?

- A. Gated pattern
- B. Sweep pattern
- C. Loose piece pattern
- D. Cope and drag pattern

20. What is the advantage of layout?

- A. Detail of pattern hand tool
- B. Complete details of pattern
- C. Detail of process the casting
- D. Detail of moulding temperature

21. Which colour is used for identification of machining allowance on layout?

- A. Red
- B. Blue
- C. Grey
- D. Black

22. Which type of pencil is used to darken the scribed line in layout?

- A. H
- B. 2H
- C. HB
- D. 3H

23. Which wood is used by dowel?

- A. Sal
- B. Kail
- C. Babul
- D. Bamboo

24. Which depends upon the size and shape of the dowel pins?
- Colour and wood
 - Fillet and fillet iron
 - Pattern and core box
 - Template and allowance
25. Which is used to support and locate the core in the mould sand during the casting?
- Fillets
 - Fillet iron
 - Core print
 - Loose piece
26. Which core print is required in the parting line of the mould?
- Cover core print
 - Vertical core print
 - Balance core print
 - Horizontal core print
27. Which core print is used for hole above and below the parting line?
- Wing core
 - Cover core
 - Vertical core
 - Balanced core
28. What is the purpose of standard colour in pattern?
- Identification
 - Maintain the weight
 - Avoid damage of pattern
 - Avoid weaken the strength
29. What is the advantage of colour code?
- Treat the particular surface
 - Improve the weight
 - Improve the strength
 - Improve the working qualities
30. When is the strickle core box required?
- Core in irregular shape
 - Core in rectangular shape
 - Core in concave shape
 - Core in convex shape
31. What is the requirement of core box?
- According to shape and size
 - Pattern allowance
 - Structure of pattern
 - Production of casting
32. What is the remedy for complicated in design of multi-piece pattern?
- Prepare the pattern single piece
 - Prepare the pattern more than three pieces
 - Prepare the pattern more than four pieces
 - Prepare the pattern in more than two pieces
33. Which prevent the pattern and core box from moisture and fungi attack?

- Colour code
- Allowance
- Fillet
- Fillet iron

ANSWERS

1	D	2	A	3	B	4	D	5	B
6	C	7	D	8	D	9	A	10	D
11	B	12	D	13	D	14	B	15	D
16	A	17	D	18	B	19	B	20	B
21	A	22	C	23	D	24	C	25	C
26	D	27	A	28	A	29	A	30	A
31	A	32	D	33	A				

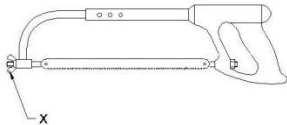
FITTING WORK

1. What is the name of tool?



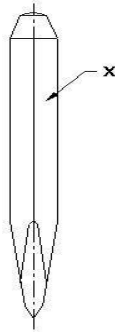
- A. Punch
- B. Scriber
- C. Divider
- D. Surface gauge

2. What is the part marked as X in hack saw?



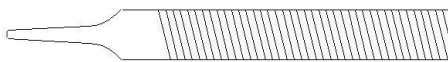
- A. Frame
- B. Handle
- C. Wing nut
- D. Frame length

3. What is the part marked as X in flat chisel?



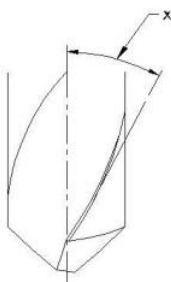
- A. Tang
- B. Head
- C. Body
- D. Cutting edge

4. What is the name of file?



- A. Rasp cut file
- B. Single cut file
- C. Double cut file
- D. Curved cut file

5. What is the part marked as X in drill bit?



- A. Point angle
- B. Rake angle

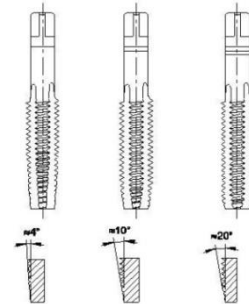
- C. Chisel angle
- D. Clearance angle

6. What is the name of tool?



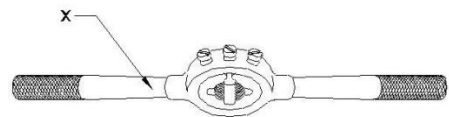
- A. Spot facing
- B. Counter sinking
- C. Counter bore
- D. Dies

7. What is the name of tool?



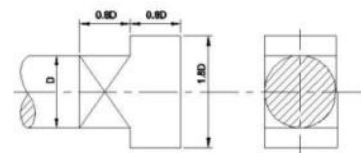
- A. Drill set
- B. Tap set
- C. Punch set
- D. Wrench set

8. What is the part marked as X in dies?



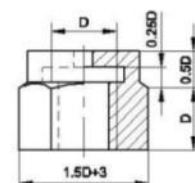
- A. Side screw
- B. Centre screw
- C. Leading sides
- D. Button pattern stock

9. What is the name of bolt?



- A. Hook bolt
- B. T- head bolt
- C. Counter sunk head bolt
- D. Eye bolt

10. What is the name of nut?



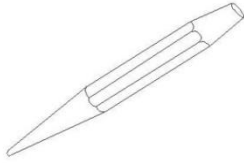
- A. Cap nut
B. Dome nut
C. Square nut
D. Hexagonal nut
11. Which tool is used for cutting key ways, grooves and slots?
A. Flat chisel
B. Web chisel
C. Cross cut chisel
D. Diamond point chisel
12. Which file is used for general purpose work?
A. Flat file
B. Rasp file
C. Curved file
D. Triangular file
13. Which type of tool is used for scribing circles and arcs?
A. Divider
B. Scriber
C. Marking pin
D. Marking knife
14. Which tool is used to check the squareness of machined and filed surface?
A. "T" square
B. Try square
C. Bevel square
D. Metre square
15. What is the accuracy of steel rule?
A. 0.1 mm
B. 0.2 mm
C. 0.4 mm
D. 0.5 mm
16. What is the application of bench vice?
A. Hold the drill bit
B. Support the reading
C. Support the marking
D. Holding the work piece
17. Which device is used to hold work for filing?
A. Bench vice
B. Pin vice
C. Pipe vice
D. Tool maker s vice
18. What is the purpose of tap?
A. Cutting internal threads
B. Used for internal boring
C. Cutting external threads
D. Used for counter sinking
19. Which device is used to cut external threads on cylindrical work pieces?
A. Dies
B. Taps
C. Counter boring
D. Counter sinking
20. Which nut is turned with a Tommy bar?
A. Flanged nut
B. Cylindrical nut
C. Ring nut
D. Wing nut
21. Which bolt is used most commonly?
A. Hexagonal head bolt
B. Square headed bolt
C. Cylindrical headed bolt
D. Cheese headed bolt
22. What is the reason for surface of steel rule in satin-chrome finish?
A. Prevent glare and rusting
B. Reduce the weight
C. Increase the accuracy
D. Quick reading
23. Which is the used to protect the filed surface from damage?
A. Vice clamps
B. Guard
C. Tool rest
D. Chip guard
24. Why drill bit is over heated in drilling operation?
A. Cutting speed too high
B. Drill shank too length
C. Drill point centre incorrect
D. Spindle running out of centre

ANSWERS

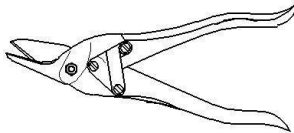
1	B	2	C	3	C	4	B	5	B
6	C	7	B	8	D	9	B	10	A
11	C	12	A	13	A	14	B	15	D
16	D	17	A	18	A	19	A	20	B
21	A	22	A	23	A	24	A		

SHEET METAL WORK

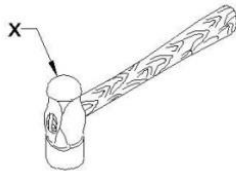
1. What is the punch used in sheet metal work?



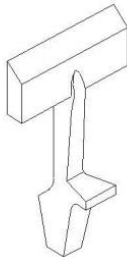
- A. Solid punch
B. Hollow punch
C. Iron hand punch
D. Hand lever punch
2. What is the name of shear?



- A. Bench shear
B. Aviation shear
C. Hawk billed shear
D. Double cutting shear
3. What is the name of striking portion of hammer?
- A. Face
B. Pein
C. Cheek
D. Handle
4. What is the part marked as X?



- A. Face
B. Peen
C. Cheek
D. Eye hole
5. What is the name of stake?



- A. Half moon stake
B. Round bottom stake
C. Funnel stake
D. Hatchet stake
6. What is called the developing lines and curves that form a pattern?
- A. Stretch out
B. Pattern
C. Layout

- D. Template
7. What is called a piece of material cut to the exact size and shape to form desired object?
- A. Pattern
B. Layout
C. Template
D. Stretch out
8. Which tool is used for producing holes in thin section material?
- A. Drill
B. Anvil
C. Punch
D. Scriber
9. Which instrument is used for measurement transfer to the wing compass?
- A. Steel rule
B. Folding rule
C. Zigzag rule
D. Collapsible rule
10. Which tool is used to punch small holes near the edge of thin sheet?
- A. Nail punch
B. Prick punch
C. Centre punch
D. Hand lever punch
11. Which tool is used to level the sheet on a levelling plate?
- A. Anvil
B. Stake
C. Mallet
D. Hammer
12. Which material is used for making mallets?
- A. Brass
B. Copper
C. Hard wood
D. Aluminium
13. What is the supporting tool used in sheet metal work to bend, seam and form?
- A. Anvils
B. Work bench
C. Bench vice
D. Wooder formers
14. Which stake is used for making sharp bends, folding the edges of sheet metal?
- A. Funnel stake
B. Hatchet stake
C. Beak iron stake
D. Half moon stake
15. What is the advantage of half moon stake?
- A. Squaring corners
B. Shaping and seaming funnels
C. Folding the edges of sheet metal
D. Turning up flanges on metal disc

16. What is the advantage of funnel stake?

- A. Used to flat edges
- B. Used to taper articles
- C. Used to turn circular disc
- D. Used to squaring corners

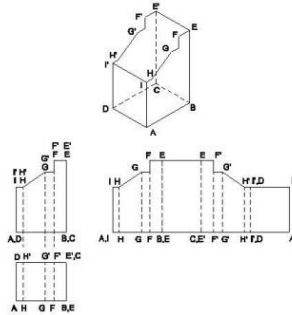
17. What is the purpose of creasing iron stake grooving slots?

- A. Making large diameter thin gauge tubes
- B. Making small diameter thin gauge tubes
- C. Making large diameter heavy gauge tubes
- D. Making small diameter heavy gauge tubes

18. Which type of development method is applied if the other three methods cannot be developed?

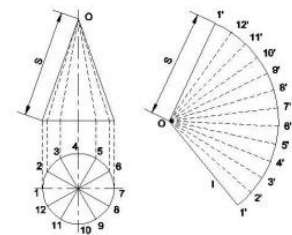
- A. Geometric construction method
- B. Triangulation method
- C. Parallel line method
- D. Radial line method

19. What is the type of development method?



- A. Triangulation method
- B. Geometric construction method
- C. Parallel line method
- D. Radial line method

20. What is the type of development method?



- A. Radial line method
- B. Parallel line method
- C. Geometric construction method
- D. Triangulation method

21. What development method applied for articles of components that are tapered to an apex?

- A. Parallel line method
- B. Triangular method
- C. Radial line method
- D. Geometric construction method

22. How to prevent the wing compass from slipping while scribing circles on sheet metal?

- A. Make large drill
- B. Make small punch mark to seat the compass leg point

C. Make small drill

D. Make small boring

23. What is the reason for sheet metal cutting is incorrect by using snips?

- A. Cooling is ineffective
- B. Opening angle incorrect
- C. Selection of snip incorrect
- D. Full length of blade by single stroke

ANSWERS

1	A	2	B	3	A	4	B	5	D
6	C	7	A	8	C	9	A	10	D
11	C	12	C	13	A	14	B	15	D
16	B	17	B	18	A	19	C	20	A
21	C	22	B	23	D				

BUILDING CONSTRUCTION

WOOD AND ALUMINIUM

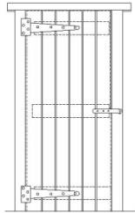
1. Which is the assembly of two horizontal pieces and two vertical pieces?

- A. Roof
- B. Stair
- C. Truss
- D. Door frame

2. Which part of the shutter enclosed between the adjacent rails?

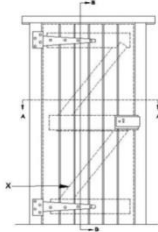
- A. Sash
- B. Panel
- C. Mullion
- D. Transom

3. What is the name of door?



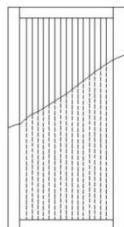
- A. Ledged door
- B. Ledged and braced door
- C. Ledged and framed door
- D. Ledged-braced and framed door

4. What is the name of part marked as X?



- A. Head
- B. Top ledged
- C. Brace
- D. Middle ledge

5. What is the name of door?



- A. Laminated flush door
- B. Framed flush door
- C. Sliding door
- D. Swing door

6. What is the size of opening for design action "6ws 12" for window?

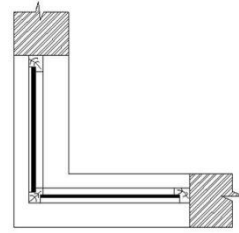
- A. 600 X 1200

B. 1200 X 1000

C. 1200 X 1200

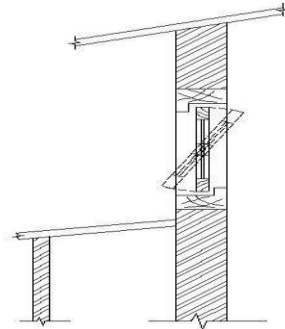
D. 1000 X 1000

7. What is the name of window?



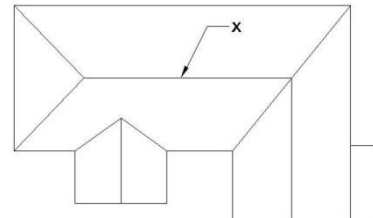
- A. Corner window
- B. Cable window
- C. Dormer window
- D. Sky light window

8. What is the name of window?



- A. Pivoted window
- B. Clare storey window
- C. Sliding window
- D. Sash window

9. What is the name of part marked as X ?

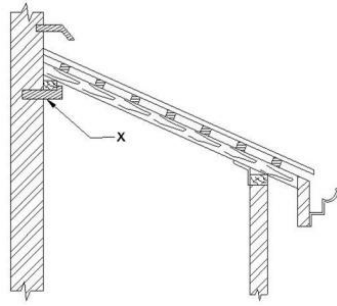


- A. Hip
- B. Valley
- C. Ridge
- D. Hipped end

10. What is termed as the inclination of roof?

- A. Eaves
- B. Pitch
- C. Hip
- D. Cable

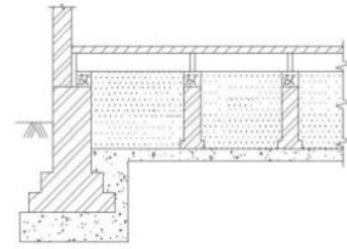
11. What is the name of part marked as X?



- A. Corbel
 - B. Batten
 - C. Root covering
 - D. Wall plate
12. What is the edge of roof running between the eaves and the ridge?
- A. Verge
 - B. Cleat
 - C. Template
 - D. Purlin
13. What is the economical span range for king post?
- A. 3 to 4.5 m
 - B. 5 to 8 m
 - C. 9 to 10 m
 - D. 11 to 12 m
14. What is the span suitable for queen post truss?
- A. 3.5 to 4.5 m
 - B. 3.5 to 4.75 m
 - C. 6.00 to 7.00 m
 - D. 8.00 to 12.00 m
15. What is the property of Aluminium channel?
- A. Magnetic
 - B. Non magnetic
 - C. Durable
 - D. Hardness
16. What is the thickness of wooden door frame depend on?
- A. Size of the door opening
 - B. Size of the door width
 - C. Size of the door height
 - D. Size of the door panel
17. Which door is strong, good appearance and reduces the tendency of shrinkage?
- A. Ledged door
 - B. Ledged and braced door
 - C. Ledged and framed door
 - D. Framed and paneled door
18. What is the relationship between width of door and H height of door?
- A. $H = (\text{width} + 1.5 \text{ m})$
 - B. $H = (\text{width} + 1.35 \text{ m})$
 - C. $H = (\text{width} + 1.2 \text{ m})$
 - D. $H = (\text{width} + 1.1 \text{ m})$
19. What is the size of opening for designation 8DS20 in door in mm?
- A. 800 X 2000
 - B. 800 X 2005
 - C. 800 X 2010
 - D. 800 X 2015
20. Which door is provided if the additional light required receiving through it for the room?
- A. Panel door
 - B. Ledged door
 - C. Glazed door
 - D. Flush door
21. Which door is covered with plywood that consists of frame?
- A. Panel door
 - B. Glazed door
 - C. Ledged door
 - D. Flush door
22. What is the merit of flush door?
- A. Economical
 - B. Heavy weight
 - C. Simplest
 - D. More material
23. What is the purpose of window in building construction?
- A. Support the building
 - B. Support the surface wall
 - C. Temperature drop
 - D. Light and air through the room
24. Which window is provided on sloping roof of building?
- A. Corner window
 - B. Dormer window
 - C. Double hung window
 - D. Clare storey window
25. What is the merit of bay window?
- A. Low maintenance
 - B. Clean easily
 - C. Improve the building size
 - D. Improve the building appearance
26. Which device is fixed to bottom of the aluminium door?
- A. Shoe
 - B. Sash
 - C. Top centre pivot
 - D. Left hand floor spring
27. What is the use floor spring (Hydraulically regulated) in aluminium door?
- A. Supported on door
 - B. Secure the upper portion
 - C. Appearance
 - D. Close the door
28. Which floor spring is suitable for use on clockwise for aluminium door?
- A. Double action floor spring

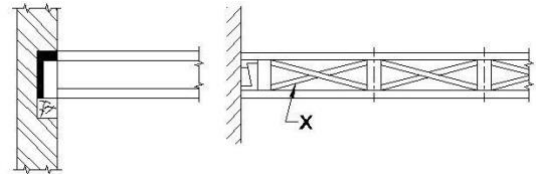
- B. Raising butt hinge
 - C. Right hand floor spring
 - D. Left hand floor spring
29. Which device is used to secure the upper portion in aluminium door?
- A. Shoe
 - B. Sash
 - C. Top centre pivot
 - D. Floor spring
30. What is the merit of fibre glass?
- A. High strength
 - B. Low strength
 - C. High elasticity
 - D. Low elasticity
31. What is the benefit of fibre glass?
- A. Excellent insulator
 - B. Good appearance
 - C. High weight
 - D. High holding power
32. What is the use of sliding window wheels?
- A. Smooth operation
 - B. Use close the door one direction
 - C. Use on anticlockwise door
 - D. Use on clockwise door
33. What is the advantage of aluminium door?
- A. Weight
 - B. Light weight
 - C. High density
 - D. Minimum shrink
34. What is the advantage of aluminium window?
- A. High appearance
 - B. Greater holding power
 - C. Free form shrink warp
 - D. Less expensive than wooden window
35. What is the remedy to avoid accident in swing door users?
- A. Provide the door caster
 - B. Provide the door stopper
 - C. Provide the door closer
 - D. Provide peep hole at eye level
36. What is the remedy for sliding window glass damage due to vibration?
- A. Use putty
 - B. Use glue
 - C. Use adhesive
 - D. Use rubber gasket
37. Which building construction material is less expensive?
- A. PVC
 - B. Aluminium
 - C. Iron
 - D. Concrete

38. What is the name of floor?



- A. Basement floor
- B. Single joist floor
- C. Double joist floor
- D. Triple joist floor

39. What is the name of part marked as X?

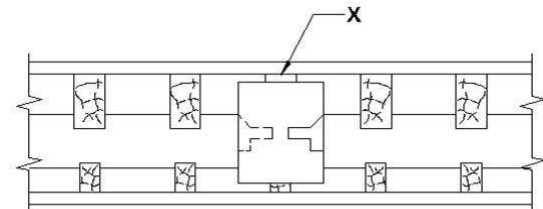


- A. Wall plate
- B. Wedges
- C. Airspace
- D. Herring bone strutting

40. What is the span for provision of herring bone strutting in single joist timber floor?

- A. 1.00 m
- B. 1.50 m
- C. 2.00 m
- D. 2.50 m

41. What is the name of part marked as X in triple joist wooden floor?



- A. Strutting
- B. Furring piece
- C. Air space
- D. Binders

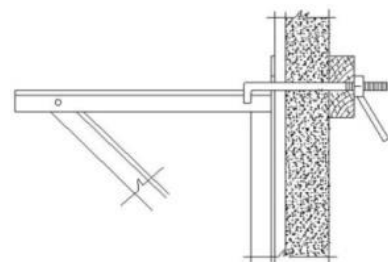
42. What is the name of bolt?



- A. Machine bolt
- B. Carriage bolt
- C. Round headed bolt
- D. Square headed bolt

43. Which construction material is used as alternative replacement of wood?

- A. PVC
 - B. Iron
 - C. Asbestos
 - D. Mica
44. Which type of construction material is preventing decay of white ants?
- A. PVC
 - B. Soft wood
 - C. Plywood
 - D. Hard board
45. What is the advantage of using PVC in construction sector?
- A. Low cost
 - B. Very hard
 - C. High elasticity
 - D. Fire resistance
46. Which modern technology is used in PVC moulding?
- A. Improve the weight
 - B. Receiving power
 - C. Improve the working qualities
 - D. 100% water proof
47. What is the advantage of P.V.C door?
- A. Durable and sturdy
 - B. Strength and hardness
 - C. Manufacture very large size
 - D. Minimum warp and bend
48. What is the easy method to assemble P.V.C door?
- A. Minimum shrinkage
 - B. Minimum warping
 - C. Uniform texture
 - D. Cut and joining quickly
49. What is the disadvantage of P.V.C?
- A. More weight
 - B. High cost
 - C. Minimum moisture content
 - D. Avoid installation in high temperature
50. What is the disadvantage of PVC moulding?
- A. Decrease the strength at high temperature
 - B. Reduce the weight at high temperature
 - C. Decrease the size at high temperature
 - D. Easily cracked at high temperature
51. Which method is applied first for removing old paint?
- A. Scraping
 - B. Sanding
 - C. Chiselling
 - D. Painting
52. Which method is applied after scarping and removing old paint?
- A. Marking
 - B. Sawing
 - C. Sanding
 - D. Painting
53. What is the advantage of priming?
- A. Glossy finish
 - B. Method very cheap
 - C. Very quick method
 - D. Increase paint durability
54. What is the advantage of latex paint?
- A. More cost
 - B. It is very bright
 - C. Given long life
 - D. Blocks most stains
55. What is the purpose of using primer before painting?
- A. Save time
 - B. Save manpower
 - C. Improve adhesive function
 - D. Improve out look
56. Which primer is suitable for wood before painting?
- A. White primer
 - B. Red oxide primer
 - C. Etch primer
 - D. Oil based primer
57. What is the use of wooden floor?
- A. Used for party hall
 - B. Used for marriage hall
 - C. Used for dining hall
 - D. Used for dancing hall
58. Which provides flat level surface to support the building furniture and partition?
- A. PVC floor
 - B. Aluminium floor
 - C. Asbestos floor
 - D. Wooden floor
59. What is the necessary of repairing work?
- A. Improve the strength
 - B. Maintain the size and shape
 - C. Avoid shrink and warp
 - D. Protect the element
60. Which nail is used in masonry work?
- A. Panel nail
 - B. Concrete nail
 - C. Lost head nail
 - D. Wire nail with small heads
61. Which is used in residential construction?



A. Anchor

- B. Wall strap
 - C. Wall plate
 - D. Wall bracket
62. What is the use of hilti laser range meter?
- A. Measuring for angle
 - B. Check the horizontal
 - C. Accurate thickness measuring
 - D. Quick and accurate up to 200m distance measuring
63. What is the reason for wood replaced with PVC?
- A. Water proof properties
 - B. Fire proof properties
 - C. Weight is high
 - D. High density
64. Why wood is replaced by PVC in construction sector?
- A. Improve the working quality
 - B. More rusting power
 - C. Required more time
 - D. Easy to replace
65. What is the reason for new style framing work used with PVC?
- A. Increase the volume
 - B. Increase the weight
 - C. Fit for receiving treatment of paint
 - D. Good appearance
66. What is the reason for repainting an old furniture?
- A. Surface became uneven
 - B. Paint becomes weak
 - C. Life of paint
 - D. To improve the appearance
67. What is the reason to remove the old paint?
- A. Increase the weight
 - B. Reduce the size
 - C. Paint sticks not properly
 - D. Paint may be inferior quality

ANSWERS

1	D	2	B	3	A	4	C	5	A
6	A	7	A	8	B	9	C	10	B
11	A	12	A	13	B	14	D	15	B
16	A	17	D	18	C	19	A	20	C
21	D	22	A	23	D	24	B	25	D
26	A	27	D	28	D	29	C	30	A
31	A	32	A	33	B	34	D	35	C
36	D	37	A	38	A	39	D	40	D
41	B	42	B	43	A	44	A	45	A
46	D	47	A	48	D	49	D	50	D
51	A	52	C	53	D	54	D	55	C
56	A	57	D	58	D	59	D	60	B
61	D	62	D	63	A	64	D	65	D
66	D	67	D						