

PROVISIONAL ANSWER KEY

Question Paper Code:	33/2023/OL
Category Code:	396/2021
Exam:	Training Instructor (Carpenter)
Medium of Question:	English
Date of Test	16-02-2023
Department	S C Development
Alphacode	A

Question1:-Which one of the following fire is comes under class 'C' fire?

- A:-Solid metal
- B:-Cloth
- C:-Flammable liquids
- D:-Gas

Correct Answer:- Option-D

Question2:-The teeth angle of double cut file is

- A:-40°, 60°
- B:-30°, 70°
- C:-45°, 70°
- D:-35°, 70°

Correct Answer:- Option-C

Question3:-Which one of the following tools is used for marking broad planks?

- A:-Cutting gauge
- B:-Trammal point
- C:-Marking gauge
- D:-Beam compass

Correct Answer:- Option-A

Question4:-The one of given tool is used to measuring thickness of the sheet

- A:-Firm joint caliper
- B:-Vernier caliper
- C:-Spring joint caliper
- D:-Wire gauge

Correct Answer:- Option-D

Question5:-Which type of sander machine is heavy production machine?

- A:-Drum Sander
- B:-Disc Sander
- C:-Spindle Sander
- D:-Belt Sander

Correct Answer:- Option-A

Question6:-Which is the maximum hard wood thickness that can be cut in portable circular saw machine?

- A:-25 MM
- B:-40 MM
- C:-50 MM
- D:-60 MM

Correct Answer:- Option-C

Question7:-Which method of sawing is done very quickly?

- A:-Tangential Sawing
- B:-Radial Sawing
- C:-Box Sawing
- D:-Quarter Sawing

Correct Answer:- Option-A

Question8:-To put a keen cutting edge on cutting tools a process called

- A:-Topping
- B:-Honing
- C:-Toothing
- D:-Pruning

Correct Answer:- Option-B

Question9:-The quick release vice jaw is made of

A:-high carbon steel

B:-high speed steel

C:-tool steel

D:-cast iron

Correct Answer:- Option-D

Question10:-Which one of the following joint is used for connecting wood pieces to form hollow cylindrical structure?

A:-Box joint

B:-Mitre joint

C:-Circular joint

D:-Framing joint

Correct Answer:- Option-C

Question11:-What is the percentage of moisture content in the teak wood?

A:-12%

B:-15%

C:-10%

D:-20%

Correct Answer:- Option-A

Question12:-The tree having short trunk and large branches

A:-Babul

B:-Kail

C:-Shisham

D:-Chir

Correct Answer:- Option-C

Question13:-In folding rule consists of four pieces. Each piece is _____ millimetre.

A:-50 mm

B:-100 mm

C:-150 mm

D:-200 mm

Correct Answer:- Option-C

Question14:-Which one of the following saw blade is not used in Nest of Saw?

A:-Pruning Saw Blade

B:-Coping Saw Blade

C:-Compass Saw Blade

D:-Keyhole Saw Blade

Correct Answer:- Option-B

Question15:-The another name of Twist Bit

A:-Auger Bit

B:-Drill Bit

C:-Forstener Bit

D:-Counter Sink Bit

Correct Answer:- Option-A

Question16:-In which category the End Half lap joint belongs to?

A:-Circular Joint

B:-Box Joint

C:-Widening Joint

D:-Lengthening Joint

Correct Answer:- Option-D

Question17:-Which kind of the tree has seen knot between two links

A:-Exogenous tree

B:-Saltree

C:-Endogenous tree

D:-Deodar tree

Correct Answer:- Option-C

Question18:-Which one of the following seasoning is used for very quick method?

A:-Water Seasoning

B:-Kiln Seasoning

C:-Air Seasoning

D:-None of these

Correct Answer:- Option-B

Question19:-What is the average weight of Teak wood in kg/m^3 ?

A:-650 kg/m^3

B:-515 kg/m^3

C:-545 kg/m^3

D:-780 kg/m^3

Correct Answer:- Option-A

Question20:-Which wood has sweet smell?

A:-Deodar wood

B:-Rose wood

C:-Sisso wood

D:-Sandal wood

Correct Answer:- Option-D

Question21:-Which property of Timber should be capable of regaining its original shape where load causing deformation is removed?

A:-Elasticity

B:-Toughness

C:-Hardness

D:-Strength

Correct Answer:- Option-A

Question22:-Which part is responsible for growth of the tree?

A:-Medulla

B:-Cambium

C:-Sap

D:-Pith

Correct Answer:- Option-B

Question23:-What is the projected height of dowel pin after inserting in a dowel pin joint?

A:-Full height upward

B:-1/4 height upward

C:-1/2 height upward

D:-1/3 height upward

Correct Answer:- Option-C

Question24:-Which part of the Shutter enclosed between the adjacent rails?

A:-Mullion

B:-Panel

C:-Puncheon

D:-Noggings

Correct Answer:- Option-B

Question25:-What is the formula for percentage of moisture content in Timber?

A:- $MC = \frac{(W-D)}{D} \times 100 = \%$

B:- $MC = \frac{WD}{W} \times 100$

C:- $MC = \frac{WD}{D} \times 100$

D:-All of the above

Correct Answer:- Option-A

Question26:-What is the purpose of laminated board?

A:-Structural work

B:-Partition work

C:-High class furniture

D:-Roofing work

Correct Answer:- Option-C

Question27:-Which saw is used for cutting grooves and rebate?

A:-Portable electric chainsaw

B:-Portable electric circular saw

C:-Portable electric jig saw

D:-Vertical band saw

Correct Answer:- Option-B

Question28:-Which bolt is commonly used in bearing for shaft?

A:-Square headed bolt

B:-'T' headed bolt

C:-Hook bolt

D:-Eye bolt

Correct Answer:- Option-A

Question29:-Which is an Oil Preservative?

A:-Zinc Chloride

B:-Sodium Fluoride

C:-White Arsenic

D:-Tar

Correct Answer:- Option-D

Question30:-What is the reason for carving knife slips?

A:-Correct position

B:-Incorrect position

C:-Hold the chisel

D:-Proper cutting edge

Correct Answer:- Option-B

Question31:-Which screw has two slots at right angle?

A:-Nail screw

B:-Cross pointed head screw

C:-Oval head screw

D:-Counter sunk head screw

Correct Answer:- Option-B

Question32:-Which media is used for thinning french polish?

A:-Turpentine

B:-Water

C:-Reducer

D:-Spirit

Correct Answer:- Option-D

Question33:-Which component is used to improve the production and storing properties of a paint?

A:-Pigment

B:-Binder

C:-Solvent

D:-Additives

Correct Answer:- Option-D

Question34:-What is used to fill up the dents, cracks and unevenness of wooden surface to become uniform and even?

A:-Plaster of paris

B:-Putty

C:-Sealant

D:-Silicon

Correct Answer:- Option-B

Question35:-The middle portion of the hammer head is

A:-Pien

B:-Face

C:-Cheek

D:-Handle

Correct Answer:- Option-C

Question36:-What is the term "WASHIA" and "ARKASAS"?

A:-Artificial oil stone

B:-Soft oil stone

C:-Natural oil stone

D:-Slip stone

Correct Answer:- Option-C

Question37:- _____ is used for extracting the big nails out of the wood.

A:-Pincer

B:-Claw hammer

C:-Crow bar

D:-All of these

Correct Answer:- Option-C

Question38:-A special type of mallet is made of _____ material.

A:-Aluminium

B:-Alloy

C:-Beech wood

D:-Ligno stone

Correct Answer:- Option-D

Question39:-Which component is used to reduce the viscosity of the paint?

A:-Pigment

B:-Binder

C:-Solvent

D:-Additives

Correct Answer:- Option-C

Question40:-Which part makes the paint is Opaque?

A:-Pigment

B:-Binder

C:-Solvent

D:-Additives

Correct Answer:- Option-A

Question41:-Ball pien hammer made of _____ steel.

A:-Cast steel

B:-High carbon steel

C:-Tool steel

D:-Mild steel

Correct Answer:- Option-A

Question42:-_____ Sander machine is suitable for, falt and curve surfaces.

A:-Disc Sander

B:-Belt Sander

C:-Orbital Sander

D:-Drum Sander

Correct Answer:- Option-C

Question43:-_____ disease is the result of decomposition of Timber caused by damp and moisture.

A:-Live Knot

B:-Dry rot

C:-Dead knot

D:-Wet rot

Correct Answer:- Option-D

Question44:-Which one of the following saw is not curve cutting saw?

A:-Dove tail saw

B:-Coping saw

C:-Fret saw

D:-Nest saw

Correct Answer:- Option-A

Question45:-_____ Plane is used for clean and level grooves and recesses.

A:-Smoothing plane

B:-Toothing plane

C:-Router plane

D:-Finishing plane

Correct Answer:- Option-C

Question46:-Which one of the following chisel is used for extra heavy work?

A:-Socket firmer chisel

B:-Bench firmer chisel

C:-Bevel edge firmer chisel

D:-Registered firmer chisel

Correct Answer:- Option-A

Question47:-_____ defect caused by flatterring of the wood cells may be due to excessive or uneven drying.

A:-Bowring

B:-Wind galls

C:-Spring

D:-Collapse

Correct Answer:- Option-D

Question48:-The angle of Prick Punch is _____ or _____?

A:-30° or 70°

B:-30° or 60°

C:-30° or 90°

D:-60° or 90°

Correct Answer:- Option-B

Question49:-The colour of Emery cloth is

A:-Reddish colour

B:-Black colour

C:-Brown colour

D:-Yellowish sandy colour

Correct Answer:- Option-B

Question50:-How many Saw Kerf in the mitre block?

A:-2

B:-4

C:-3

D:-5

Correct Answer:- Option-C

Question51:-Which wheel of the band saw machine can be raised and lowered by using tensioning hand wheel?

A:-Lower wheel

B:-Upper wheel

C:-Thrust wheel

D:-Hand wheel

Correct Answer:- Option-B

Question52:-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

Correct Answer:- Option-A

Question53:-How to determine the size of a band saw machine?

A:-Width of blade

B:-Diameter of the wheels

C:-Thickness of the wheels

D:-Length of the guide post

Correct Answer:- Option-B

Question54:-What is the name of machine used for cutting, bevels, rebates, grooves and tenons?

A:-Lathe machine

B:-Mortising machine

C:-Sanding machine

D:-Circular saw machine

Correct Answer:- Option-D

Question55:-Which part of the circular saw machine is used for guiding the stock?

A:-Table

B:-Saw guard

C:-Ripping fence

D:-Extension guard

Correct Answer:- Option-C

Question56:-_____ saw is used to cutting thin boards and veneers in circular saw machine.

A:-Ground off saw

B:-Plate saw

C:-Hollow ground saw

D:-Taper saw

Correct Answer:- Option-A

Question57:-What is the use of jointer planing machine?

A:-Planing to round

B:-Planing to curves

C:-Planing to surface

D:-Planing to thickness

Correct Answer:- Option-C

Question58:-_____ type of wood avoid to plane in thickness planer.

- A:-Seasoning
 - B:-Unseasoning
 - C:-Straight grain
 - D:-Warped and twisted
- Correct Answer:- Option-D

Question59:-The purpose of chuck in pedestal drilling machine

- A:-support the work table
 - B:-hold the drill bit
 - C:-hold the work
 - D:-support the work
- Correct Answer:- Option-B

Question60:-Which type of chisel is used for cutting rough surface quickly and turning work from square to round?

- A:-Skew chisel
 - B:-Round nose chisel
 - C:-Gouge chisel
 - D:-Spear point chisel
- Correct Answer:- Option-C

Question61:-_____ Chisel is called as diamond point chisel for turning work.

- A:-Spear point chisel
 - B:-Skew chisel
 - C:-Gouge chisel
 - D:-Parting tool
- Correct Answer:- Option-A

Question62:-Name the part which can fix or slide on the lathe bed.

- A:-Head stock
 - B:-Face plate
 - C:-Spindle
 - D:-Tail stock
- Correct Answer:- Option-D

Question63:-_____ type of sander used to sand hollows and irregular.

- A:-Spindle
 - B:-Disk
 - C:-Drum
 - D:-Belt
- Correct Answer:- Option-A

Question64:-Which type sanders are used to sanding dust produced exhausted directly in to a blower system?

- A:-Spindle sander
 - B:-Belt sander
 - C:-Drum sander
 - D:-Disk sander
- Correct Answer:- Option-C

Question65:-Hollow chisel mortiser chisel shape is

- A:-Chain
 - B:-Square
 - C:-Round
 - D:-Rectangular
- Correct Answer:- Option-B

Question66:-For general casting the draft allowance on internal surface is about

- A:-35 mm to 50 mm per meter
 - B:-10 mm to 15 mm per meter
 - C:-20 mm to 30 mm per meter
 - D:-25 mm to 40 mm per meter
- Correct Answer:- Option-D

Question67:-_____ pattern is used for preparing of large symmetrical casting such as wheels, rims, bell shapes.

- A:-Gated pattern
 - B:-Skeleton pattern
 - C:-Sweep pattern
 - D:-Solid pattern
- Correct Answer:- Option-C

Question68:-Which pattern is commonly used for casting of spindles, steam valves bodies, taps, small pulleys and wheels?

- A:-Multi-piece pattern
 - B:-Split or two piece pattern
 - C:-Loose-piece pattern
 - D:-Hollow board pattern
- Correct Answer:- Option-A

Question69:-_____ is not a part of the pattern, it is an added projection of pattern.

- A:-Core box
 - B:-Core print
 - C:-Core
 - D:-Match plate
- Correct Answer:- Option-B

Question70:-In pattern making draft or taper allowance is provided on all _____ surface of the pattern.

- A:-Horizontal
 - B:-Inclined
 - C:-Curve
 - D:-Vertical
- Correct Answer:- Option-D

Question71:-What is the reading accuracy of steel rule?

- A:-0.5 mm
 - B:-0.2 mm
 - C:-0.4 mm
 - D:-0.1 mm
- Correct Answer:- Option-A

Question72:-_____ are the spiral grooves which run to the length of the drill.

- A:-Web
 - B:-Tang
 - C:-Flutes
 - D:-Shank
- Correct Answer:- Option-C

Question73:-What is the purpose of a tap?

- A:-Cutting internal threads
 - B:-Used for internal boring
 - C:-Cutting external threads
 - D:-Used for counter sinking
- Correct Answer:- Option-A

Question74:-_____ are threaded on both ends.

- A:-Machine bolt
 - B:-Hexagonal head bolt
 - C:-Cheese head bolt
 - D:-Stud bolt
- Correct Answer:- Option-D

Question75:-_____ is used to cut external threads on cylindrical work pieces.

- A:-Dies
 - B:-Taps
 - C:-Counter boring
 - D:-Counter sinking
- Correct Answer:- Option-A

Question76:-Tinner's hand punch is used for punching the hole upto

- A:-12 mm
 - B:-6 mm
 - C:-15 mm
 - D:-20 mm
- Correct Answer:- Option-B

Question77:-Which shear is used for the inside cutting of an intricate work?

- A:-Bench shears
- B:-Aviation shears
- C:-Double cutting shears
- D:-Hawk billed shears

Correct Answer:- Option-D

Question78:-Snips are used to cut sheet metal upto

- A:-12 SWG
- B:-16 SWG
- C:-20 SWG
- D:-18 SWG

Correct Answer:- Option-C

Question79:-What is the advantage of funnel stake?

- A:-Used to flat edges
- B:-Used to tapered articles
- C:-Used to turn circular disc
- D:-Used to squaring corners

Correct Answer:- Option-B

Question80:-Cones and pyramids or their frustum are developed by the _____ method.

- A:-Parallel line
- B:-Triangulation
- C:-Geometric construction
- D:-Radial line

Correct Answer:- Option-D

Question81:-Which doors are used in public places (sanitary blocks) and residential building bathrooms?

- A:-Louvered door
- B:-Framed door
- C:-Sash door
- D:-Paneled door

Correct Answer:- Option-A

Question82:-The swing doors are provided with special hinges are called

- A:-Butt hinges
- B:-Parliament hinges
- C:-Loose hinges
- D:-Double action spring hinges

Correct Answer:- Option-D

Question83:-Which one is an Openable part of the door or window?

- A:-Frame
- B:-Head
- C:-Shutter
- D:-Hold fast

Correct Answer:- Option-C

Question84:-Name the window which project outside of the external walls of a room.

- A:-Dormer window
- B:-Bay window
- C:-Pivot window
- D:-Corner window

Correct Answer:- Option-B

Question85:-The total thickness of a flush door varies from

- A:-4 mm to 6 mm
- B:-10 mm to 15 mm
- C:-25 mm to 40 mm
- D:-30 mm to 50 mm

Correct Answer:- Option-C

Question86:-What is the span suitable for Queen post truss?

- A:-5 m to 8 m
- B:-3.5 m to 3.75 m
- C:-6 m to 7 m
- D:-8 m to 12 m

Correct Answer:- Option-D

Question87:-The upper most part of a building is

- A:-Roof
- B:-Plinth
- C:-Lintel

D:-Parapet

Correct Answer:- Option-A

Question88:-A couple roof can be used where the span is up to

A:-4.5 m

B:-4.7 m

C:-3.5 m

D:-5 m

Correct Answer:- Option-C

Question89:-What is the horizontal distance between the internal faces walls or supports?

A:-Rise

B:-Span

C:-Hip

D:-Ridge

Correct Answer:- Option-B

Question90:-A couple - close roof that the ends of the common rafter are connected by a horizontal beam called

A:-Collar beam

B:-Eave board

C:-Battens

D:-Tie beam

Correct Answer:- Option-D

Question91:-_____ doors are resistant to rotting, rusting, flaking, fading and peeling.

A:-Wooden

B:-Plywood

C:-PVC

D:-Fibre

Correct Answer:- Option-C

Question92:-_____ are fitted to bottom of window and door to provide easy movement.

A:-Aluminium wheel

B:-Sash

C:-Hinges

D:-Floor spring

Correct Answer:- Option-A

Question93:-A _____ component is typically of a thin "Shell" construction.

A:-Aluminium

B:-Steel

C:-Wood

D:-Fibre glass

Correct Answer:- Option-D

Question94:-Which type of construction material is preventing decay of white ants?

A:-PVC

B:-Softwood

C:-Plywood

D:-Hard board

Correct Answer:- Option-A

Question95:-Framed or triple joist wooden floor the binder are staggered and connected to the girders

A:-Double mortise and tenon joint

B:-Tusk and tenon joint

C:-Bridle joint

D:-Haunched mortise and tenon joint

Correct Answer:- Option-B

Question96:-Which floor is used in an auditorium to perform the dance and drama programmes?

A:-Basement or ground floor

B:-Double joist wooden floor

C:-Single joist wooden floor

D:-Framed joist wooden floor

Correct Answer:- Option-A

Question97:-_____ is a combination of steps leading from one floor to the other floor of a buildings.

A:-Floor

B:-Partition

C:-Stair

D:-Roof

Correct Answer:- Option-C

Question98:-A combination of tread and riser is

A:-Step

B:-Span

C:-Landing

D:-Going

Correct Answer:- Option-A

Question99:-Name the horizontal platform between two flight of a stair.

A:-Nosing

B:-Landing

C:-Going

D:-Step

Correct Answer:- Option-B

Question100:-The _____ stair are used where the limited space are available.

A:-Geometrical

B:-Open newel

C:-Quarter turn

D:-Spiral

Correct Answer:- Option-D