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Question Booklet Alpha Code



Total Number of Questions : 100

Time : 90 Minutes

Question Booklet SI. No

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Maximum Marks : 100

INSTRUCTIONS TO CANDIDATES

- 1. The Question Paper will be given in the form of a Question Booklet. There will be four versions of Question Booklets with Question Booklet Alpha Code viz. **A**, **B**, **C** & **D**.
- 2. The Question Booklet Alpha Code will be printed on the top left margin of the facing sheet of the Question Booklet.
- 3. The Question Booklet Alpha Code allotted to you will be noted in your seating position in the Examination Hall.
- 4. If you get a Question Booklet where the alpha code does not match to the allotted alpha code in the seating position, please draw the attention of the Invigilator IMMEDIATELY.
- 5. The Question Booklet Serial Number is printed on the top right margin of the facing sheet. If your Question Booklet is un-numbered, please get it replaced by new Question Booklet with same alpha code.
- 6. The Question Booklet will be sealed at the middle of the right margin. Candidate should not open the Question Booklet, until the indication is given to start answering.
- 7. Immediately after the commencement of the examination, the candidate should check that the Question Booklet supplied to him/her contains all the 100 questions in serial order. The Question Booklet does not have unprinted or torn or missing pages and if so he/she should bring it to the notice of the Invigilator and get it replaced by a complete booklet with same alpha code. This is most important.
- 8. A blank sheet of paper is attached to the Question Booklet. This may be used for rough work.
- 9. Please read carefully all the instructions on the reverse of the Answer Sheet before marking your answers.
- 10. Each question is provided with four choices (A), (B), (C) and (D) having one correct answer. Choose the correct answer and darken the bubble corresponding to the question number using Blue or Black Ball Point Pen in the OMR Answer Sheet.
- 11. Each correct answer carries 1 mark and for each wrong answer 1/3 mark will be deducted. No negative mark for unattended questions.
- 12. No candidate will be allowed to leave the examination hall till the end of the session and without handing over his/her Answer Sheet to the Invigilator. Candidates should ensure that the Invigilator has verified all the entries in the Register Number Coding Sheet and that the Invigilator has affixed his/her signature in the space provided.
- 13. Strict compliance of instructions is essential. Any malpractice or attempt to commit any kind of malpractice in the Examination will result in the disqualification of the candidate.

- 1. What is the safety precaution observed in a carpentry workshop?
 - A) Wear loose clothing
 - B) Secure the workpiece rigidly before cutting
 - C) Hold sharpening tools in hand loosely
 - D) Avoid safety goggles
- 2. PPE 7 comes under which category of PPE?
 - A) Helmet B) Eyes and face protection
 - C) Ear protection D) Arm and hand protection
- 3. Which of the following should be used for extinguishing electric fire ?
 - A) Water type fire extinguisher
 - B) Carbon tetrachloride fire extinguisher
 - C) Foam type fire extinguisher
 - D) CO₂ fire extinguisher

4. The type of fire extinguisher to out an electric fire is

- C) Class C A) Class A B) Class B D) Class D
- 5. What is the most effective extinguishing method used for class A fire ?
 - A) Cooling with water B) Foam
 - C) Carbon tetrachloride D) Dry powder
- In first aid ABC stands for
 - A) Applying, Breathing, Calling B) Airway, Breathing, Circulation
 - C) Allowing, Breathing, Cleaning D) Airway, Breathing, Calling
- 7. Identify the Class C fire medium.
 - A) Wood paper cloths
 - C) Flammable liquids

- B) Gas and liquified gas
- D) Metals

8.	PPE 5 comes under	which category of PPE	<u>?</u>		
	A) Helmet		B)	Ear protection	
	C) Eye and face prot	ection	D)	Safety foot wear	
9.	Which PPE is used for	or body protection ?			
	A) Helmet		B)	Leather aprons	
	C) Hand gloves		D)	Goggles	
10.	PPE 1 comes under	which category of PPE	Ξ?		
	A) Helmet		B)	Leather aprons	
	C) Hand gloves		D)	Goggles	
11.	Which part is to give	protection to soft tissu	es	of wood ?	
	A) Cambium layer		B)	Medullary rays	
	C) Bark		D)	Sap wood	
12.	Which tree having sh	ort trunk and large bra	ancl	nes ?	
	A) Kail	B) Shisham	C)	Sal	D) Babul
13.	are abn irritation of the trunk.	ormal growths on the s	side	of the tree caused	d by some injury or
	A) Check	B) Grain	C)	Collaps	D) Burls
14.	Which wood is used t	for making poor man's	s hu	t all over the coun	try ?
	A) Teak wood		B)	Mango wood	
	C) Bamboo		D)	Deoder	
15.	Which shake are crac	ck or split which exten	d fr	om bark towards s	ap wood ?
	A) Star shake		B)	Cup shake	
	C) Radial shake		D)	Heart shake	
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16.	defect is due to the tree being twisted constantly in one direction by the force of prevalent wood.			
	A) Grain		B) Twist fibres	
	C) Warp		D) Upsets	
17.	Name the wood used	d for railway sleeper.		
	A) Teak wood		B) Deoder	
	C) Mango wood		D) Rose wood	
18.	defect lie conversion of log.	es in the sap wood wh	ich accompanies wan	e due to economic
	A) Wavy grain	B) Wavy edge	C) Wind cracks	D) Rind galls
19.	are row pith.	s or build or cells runni	ing radially from the ca	ambium layer to the
	A) Medullary rays		B) Annual ring	
	C) Sap wood		D) Heart wood	
20.	Which wood has me	dium coarse texture w	ith fairly straight inter	locked grains ?
	A) Sal		B) Kail	
	C) Mango wood		D) Shisham	
21.	Name the saw used	for cutting sharp and o	quick curves internal a	and externally.
	A) Bow saw		B) Fret saw	
	C) Coping saw		D) Compass saw	
22.	The teeth/inch of par	nel saw is		
	A) 10–12	B) 10-14	C) 12 – 15	D) 15 – 18
23.	A bench vice is made	e of		
	A) Cast iron		B) High carbon stee	91
	C) Mild steel		D) Aluminium	
Α		-5	-	

А

24.	is the metal column which separates the flutes in drill bit.					
	A) Tang	B) Web	C)	Shank	D)	Land
25.	Which plane is larger	and longer than anot	her	plane ?		
	A) Jack plane		B)	Smoothing plane		
	C) Toothing plane		D)	Trying plane		
26.	Which materials used	d for manufacture of s	pan	ner?		
	A) High carbon steel		B)	Mild steel		
	C) Drop forged steel		D)	Low carbon steel		
27.	Which plane is used	to form grooves paral	lel v	vith grain ?		
	A) Toothing plane	B) Plough plane	C)	Router plane	D)	Tying plane
28.	How many inches make one foot in steel rule ?					
	A) 10 inches	B) 14 inches	C)	12 inches	D)	8 inches
29.	is used to hold the job while sawing or chiselling and at the same time protecting the workbench and surface from damage.					
	A) Bench stop		B)	Bench hook		
	C) G clamp		D)	Bench hold fast		
30.	Mortise gauge has _	scribing pins.				
	A) One	B) Four	C)	Three	D)	Two
31.	Name the tool used f	or pulling out big nail	fron	n timber.		
	A) Pincer		B)	Ball pein hamme	ſ	
	C) Crowbar		D)	Cleat		
32.	is used for quick removal of much wood.					
	A) Jack plane	B) Flat file	C)	Rasp file	D)	Hand file
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33. Which tool is used	3. Which tool is used for cutting along the grains of timber ?				
A) Tenon saw	B) Rip saw	C) Cross cut saw	D) Dovetail saw		
34. What is the use of	toothing plane ?				
A) To smooth the	surface	B) Planing rebates	surface		
C) Planing groove	s surface	D) To prepare roug	gh gluing surface		
35. Which gauge stem	n is long ?				
A) Mortise gauge	B) Marking gauge	C) Panel gauge	D) Cutting gauge		
36. Which type of joint	is tongue and groove j	oint?			
A) Framing joint		B) Lengthening joi	nt		
C) Widening joint		D) Box joint			
37 joint	s used in place of morti	e and tenon joint.			
A) Lap joint	B) Bridle joint	C) Butt joint	D) Housing joint		
38 joint	s called open mortise a	nd tenon joint.			
A) Full housing jo	int	B) Mitre joint			
C) Stopped housi	ng joint	D) Corner bridle jo	int		
39. In housing joint the plank.	e depth of the trench is a	about of t	the thickness of the		
A) 1/2	B) 3/4	C) 1/3	D) 2/3		
40. Which type of joint	is used for fixing shelve	es?			
A) Scarf joint	B) Housing joint	C) Halving joint	D) Bridle joint		
41. Which joint is used	for the corner picture f	rame ?			
A) Housing joint		B) Tee bridle joint			
C) Mitre corner br	idle joint	D) Scarf joint			
_					

- 42. _____ joint is used in high class cabinet work.
 - A) Stub mortise and tenon joint
 - B) Twin mortise and tenon joint
 - C) Double mortise and tenon joint
 - D) Haunched mortise and tenon joint
- 43. What is the projected height of dowel pin after inserting in a dowel pin joint ?
 - A) Full height upwards B) 3/4 height upwards
 - C) 1/4 height upwards D) 1/2 height upwards
- 44. What is the application of wooden dowel pin?
 - A) Strengthen bevel scarf joint B) Strengthen box joint
 - C) Strengthen table scarf joint D) Strengthen widening joint
- 45. Which type of joint is table scarf joint ?
 - A) Widening joint B) Lengthening joint
 - C) Box joint D) Housing joint
- 46. Which type of housing joint is stronger joint ?
 - A) Full housing joint B) Through housing joint
 - C) Stopped housing joint D) Dovetail housing joint
- 47. Which type of joint is car case pinned joint ?
 - A) Widening joint B) Lengthening joint
 - C) Box joint D) Housing joint
- 48. What is the use of table scarf joint ?

- A) Increasing length B) Increasing width
- C) Increasing thickness D) Increasing height

49. Which joint is used where the rail meets the stile or leg at the end? A) Double mortise joint B) Haunched mortise and tenon joint C) Twin mortise and tenon joint D) Stub mortise and tenon joint 50. Which joint is used in drawer front stile? A) Single dovetail joint B) Lapped dovetail joint C) Housing joint D) Mortise and tenon joint 51. What type of furniture is used for keeping documentation of all the books in the library alphabetical order ? A) Library almirah B) Book shelves C) Cushioned chair D) Index cabinet 52. Which one of the following furniture is not included in living room ? A) Show case B) Rocking chair C) Table with laminated top D) Sofa set 53. What is the thickness of face veneer? B) 0.6 mm to 1.8 mm A) 0.3 mm to 1.6 mm D) 0.9 mm to 1.8 mm C) 0.8 mm to 1.8 mm 54. General-purpose plywood is classified into ______ types. A) 4 B) 5 C) 8 D) 10 55. Which type of adhesive is used for PVC door assembly ? A) Instant adhesive B) Structural adhesives C) Synthetic adhesives D) Heat roof adhesives

56.	Which glue is used only in plywood industries ?				
	A) Resin glue		B) Vegetables glue		
	C) Blood albumen gl	ue	D) Casein glue		
57.	nail is	used for fixing corrug	ated galvanized roofir	ng iron.	
	A) Clout head	B) Oval head	C) Sprig head	D) Round head	
58.	What is the name of seats, boxes and me	screw, which 12 mm tal fitting in wood suc	•	ised for table, chair	
	A) Raised head	B) Oval head	C) Round head	D) Flat head	
59.	If the length is 8 m a	nd the width is 4 m, fi	nd the area of board.		
	A) 23 m ²	B) 32 m ²	C) 65 m ²	D) 15 m ²	
60.	 Calculate the volume of log, if d1, d2 length are 0.5 m and 0.7 m and 10 m respectively. 				
	A) 1.826 m ³	B) 2.826 m ³	C) 28.2 m ³	D) 18.26 m ³	
61.	I. What is the name of the special tool used for inlay banding work ?				
	A) Scratch	B) Carving knife	C) Chisel	D) V tool	
62.	Name of a carving tool with a U-shaped cutting edge and a specialized dee gouge.				
	A) Chisel	B) Vainer	C) Carving knife	D) V tool	
63.	3. Which specialized knife is used to pare, cut and smooth wood in carving?				
	A) Chisel	B) Vainer	C) Carving knife	D) V tool	
64.	carving is a much more complicated.				
	A) Relief		B) Chip		
	C) Matting or punchi	ng	D) Inlaying		
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65. What kind of wood should be avoided for carving works ? D) Twisted A) Durable B) Hard C) Grains 66. A substance used as a solvent to remove oil and grease A) Benzine B) White spirit C) Alcohol D) None of the above 67. is added to liquid plastic finishing materials to initiate and accelerate the curing or hardening of the resins. A) Flatting agents **B)** Plasticisers C) Catalysts and hardeners D) Solvent 68. Name of the tool which is flat piece of rectangular thin flexible blade of high-grade steel. A) Hand scrapers B) Blade C) Steel wool D) Shaving scrapers 69. Which of the following is used for add shine to wooden furniture and contour to seal protection ? A) Putty B) Paste wax C) Stain D) Paint 70. What is the name of smoothening material prepared by crushed sharp flint or quartz ? A) Sand paper B) Emery paper C) Scraper D) File 71. Which number of sand papers belongs to the fine grit? A) 120 B) 100 C) 240 D) 150 72. Name of the filler material which prepared by mixing resin, incense of shellac, common wax and whitening. A) Paint B) Putty C) Varnish D) Polish

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73. The p	. The process of covering all gap in the wood is called					
A) St	opping	B) Staining	C) Puttying	D) Polishing		
	How many days are required for good quality of polish after preparation of mixtures ?					
A) 25	5	B) 30	C) 10	D) 15		
75. Waxe	s are prepared	into paste form by dis	ssolving them in			
A) W	hite spirit	B) Turpentine	C) Benzine	D) Thinner		
76. What mach		lade suitable for cuttir	ng 150 mm diameter d	curves in band saw		
A) 20) mm	B) 12 mm	C) 25 mm	D) 9 mm		
77. Which	77. Which one of the following thicknesses of blade used in a circular saw machine?					
A) 4 ı	mm to 6 mm		B) 5 mm to 8 mm			
C) 2ı	mm to 5 mm		D) 3 mm to mm			
	is رis d at right angle		of 90 degree to the tal	ole to get the edges		
A) Fr	ont table	B) Fence	C) Rear table	D) Guard		
79. What	type of materia	I is used to make the	base of thickness pla	ner?		
A) Fo	orged steel		B) Mild steel			
C) Ca	ast iron		D) Pig iron			
	D. Which machine is holds and rotates the wood against hand hold cutting tools to produce circular, cylindrical or moulded shape ?					
A) Dr	illing machine		B) Circular saw mad	chine		
C) Ro	C) Router machine D) Wood turning lathe					

81.	Which part is used to support the work piece (job) in a hollow chisel mortise machine ?						
	A) Table	B) Fence	C)	Vice	D) Chuck		
82.	Which part of drilling move the spindle up		g the	e feeding of the dr	ill bit into work and		
	A) Feed handle	B) Spindle	C)	Pully	D) Chuck		
83.	Size of the grinding n	nachine is depended	upo	n the size of			
	A) Number of grindin	ig wheel	B)	Grinding wheel			
	C) Grade of grinding	wheel	D)	Height of machin	е		
84.	Name of the part wh tenoning machine.	ich can be adjusted to	o 45	o-degree angle an	d hold the job in a		
	A) Tenon head	B) Carriage	C)	Fence	D) Table		
85.	Which type of sandin	g machine is used for	sar	nding flat and curv	ed surfaces ?		
	A) Belt sander		B)	Orbital sander			
	C) Drum sander		D)	Spindle sander			
86.	Which pattern are use	ed for soil and water p	ipes	, valve bodies and	pipe bends etc. ?		
	A) Sweep pattern		B)	Segmental patter	'n		
	C) Skeleton pattern		D)	Follow board pat	tern		
87.	 Which pattern are commonly used for casting of spindles, steam valves bodies, taps, small pulleys and wheels etc. ? 						
	A) Multi piece pattern	า	B)	Segmental patter	'n		
	C) Match-plate patte	rn	D)	Follow board pat	tern		
88.	Two-pieces pattern is	s called as					
	A) Match-plate patte	rn	B)	Segmental patter	'n		
	C) Multi piece pattern	n	D)	Gated pattern			

- 89. Which one of the statements is not an advantage of wooden pattern ?
 - A) It is cheap and easily available
 - B) It can be repaired and reused
 - C) It is easily affected by moisture
 - D) It can be shaped easily into different forms and designs
- 90. Which one of the statements is an advantage of wooden pattern ?
 - A) Wooden patterns are used small number of castings to be produced
 - B) It wears out quickly as a result of sand abrasion
 - C) It has low strength and tend to break when used roughly
 - D) The cost of workmanship is less than other materials
- 91. What is the name of the joint used to connect the king post and principal rafter in a king post truss ?
 - A) Mortise and tenon
 - B) Oblique mortise
 - C) Bridle joint
 - D) Splayed shoulder tenon and mortise
- 92. _____ type of doors strong, gives good appearance and reduces the tendency of shrinkages.
 - A) Ledged, braced and framed door
 - B) Ledged and framed door
 - C) Ledged and braced door
 - D) Framed and panelled door
- 93. If the designation of a ventilator is 6v6, what is the size of frame ?
 - A) 490 mm × 590 mm B) 590 mm × 590 mm
 - C) 690 mm × 690 mm D) 490 mm × 490 mm

94.	is	is the horizontal structural member supporting stair stringers or				
	landing.					
	A) Balustrade		B) Hand rail			
	C) Header		D) Newel post			
95.	What is the name of	the part used above the	he door head in a woo	oden partition ?		
	A) Studs		B) Nogging piece			
	C) Braces		D) Puncheons			
96.	Which hinges are mo	ostly used for long and	heavy doors gates and	d battened doors ?		
	A) Strap hinges		B) T – hinges			
	C) Butt hinges		D) European hinges	5		
97.	7. One of the following parts is not included in mortise lock					
	A) Stock		B) Face plate			
	C) Rim		D) Latch			
98.	What is name of the	bolt which is used in r	nachine tool table ?			
	A) T-headed		B) Square headed			
	C) Cup headed		D) Cheese headed			
99.	Cylindrical nut is als	o known as				
	A) Ring nut	B) Cap nut	C) Wing nut	D) Capstan nut		
100.	0 is also prevents the nut from cutting into the metal.					
	A) Sleeve	B) Washers	C) Packing	D) Leather		

Space for Rough Work