

42/2014

Maximum : 100 marks

Time : 1 hour and 15 minutes

1. Keyhole saw is used for _____ type of work.
(A) Straight cutting (B) Ripping
(C) Cross cutting (D) Curve cutting
2. Scarf joint is _____ joint.
(A) Widening (B) Lengthening
(C) Angle (D) Framing
3. Beam compass is used for marking _____ on a wood surface.
(A) Small circle (B) Large circle
(C) Straight line (D) Cut lines
4. Spirit level is used for checking :
(A) Flatness (B) Taper
(C) Winding (D) Verticality
5. The process of making projections corresponding to grooves :
(A) Rebating (B) Dowelling
(C) Tonguing (D) Tenoning
6. One tool for making pockets in wood joint :
(A) Forstner bit (B) Ratchet brace
(C) Auger bit (D) Expansion bit
7. A commercial wood made of 3 or more veneers :
(A) Lamin board (B) Block board
(C) Plywood (D) Batten board
8. _____ is used for pulling nails in carpenter shop.
(A) Claw hammer (B) Ball peen hammer
(C) Straight peen hammer (D) Cross peen hammer

9. Halving joint is also known as _____ joint.
- (A) Half lap (B) Scarf
(C) Fished (D) Dowelled
10. Oilstone is used for _____ operation.
- (A) Finishing (B) Smoothing
(C) Sharpening (D) Grinding
11. A bit rotate inside the hollow chisel is :
- (A) Auger bit (B) Gimlet bit
(C) Twist bit (D) Centre bit
12. Horizontal band saw machine is used for :
- (A) Cross cutting the logs (B) Curve cutting
(C) Resawing (D) Straight cutting large logs
13. Another name of jig saw is :
- (A) Vertical band saw (B) Scroll saw
(C) Circular saw (D) Horizontal band saw
14. Maximum tilting angle of the band saw machine is :
- (A) 30° (B) 45°
(C) 60° (D) 25°
15. The strongest corner joint is :
- (A) Common dovetail joint (B) Single dovetail joint
(C) Mitre joint (D) Butt joint
16. The spur centre is fixed in wood turning lathe at :
- (A) Head stock (B) Tail stock
(C) Tool rest (D) Bed
17. Single roof is _____ roof.
- (A) Flat roof (B) Pitched roof
(C) Curved roof (D) Domed roof

18. One furniture used in library is :
(A) Index card cabinet (B) Bin card cabinet
(C) Vanity cabinet (D) Wall cabinet
19. An operation for producing rectangular hole is :
(A) Boring (B) Drilling
(C) Mortising (D) Tenoning
20. A striking tool used in assembling of parts in carpenter shop :
(A) Ball peen hammer (B) Sledge hammer
(C) Mallet (D) Bossing mallet
21. _____ is the centre part of the tree.
(A) Medulla (B) Cortex
(C) True wood (D) Cambium layer
22. The tool used for sharpening hand saw :
(A) Flat file (B) Mill file
(C) Triangular file (D) Hand file
23. Plane used for cutting grooves of different sizes on edge is :
(A) Plough plane (B) Rebate plane
(C) Moulding plane (D) Block plane
24. The trunk of the tree without branches and bark removed is :
(A) Flitch (B) Scantling
(C) Log (D) Plank
25. The carpenter's quick release vice has _____ threads.
(A) Acme thread (B) Buttruss thread
(C) Square thread (D) B.A. thread
26. The bit used to bore deep holes in wood turning lathe is :
(A) Shell auger (B) Ships auger
(C) Twist bit (D) Centre bit

27. The most strong and durable wood joint is :
(A) Single dove tail joint (B) Mitre joint
(C) Mortise and tenon joint (D) Dado joint
28. _____ Screwdriver is generally used in carpenter shop.
(A) Ratchet screw driver (B) Sheathed screw driver
(C) Heavy duty cabinet screw driver (D) London pattern screw driver
29. The number of teeth per inch of rip saw is :
(A) 3 to 5 (B) 6 to 9
(C) 10 to 12 (D) 12 to 18
30. _____ Chisel should not be used with mallet.
(A) Firmer Chisel (B) Mortise Chisel
(C) Paring Chisel (D) Gouge Chisel
31. Which hand tool is used to holding and drawing up the parts of joint together while gluing and assembling?
(A) G-cramp (B) Bench hold fast
(C) Sash cramp (D) Saw clamp
32. The caliper which is used to testing the diameter of round object :
(A) Inside caliper (B) Outside caliper
(C) Jenny caliper (D) Odd leg caliper
33. Which gauge is used to draw two lines parallel to an edge or face?
(A) Marking gauge (B) Mortise gauge
(C) Pencil gauge (D) Cutting gauge
34. Which plane is having its cutting iron with a pitch of 12° to 20° ?
(A) Jack plane (B) Trying plane
(C) Smoothing plane (D) Block plane
35. Which planes are used in pairs to perform complementary functions?
(A) Plough plane (B) Match planes
(C) Moulding planes (D) Fillister plane

36. Which saw has a plain round handle?

- (A) Tenon saw
- (B) Dovetail saw
- (C) Coping saw
- (D) Light back saw

37. Which screw is driven by a spanner?

- (A) Counter sunk headed screw
- (B) Round head screw
- (C) Raised head screw
- (D) Coach screw

38. Which type of glue is fevicol S.H.?

- (A) Natural glue
- (B) Casein glue
- (C) Contact glue
- (D) P.V.A. glue

39. Which type of hinge is used with swing door?

- (A) T-Hinge
- (B) Strap hinge
- (C) H-hinge
- (D) Spring hinge

40. The rows or bundles of cells which binds the growth ring are :

- (A) Alburnum
- (B) Cambium layer
- (C) Medullary rays
- (D) Annual rings

41. What metal fittings are used with doors to lock temporarily?

- (A) Mortise lock
- (B) Pad lock
- (C) Rim lock
- (D) Catches

42. The size and quality of cells are known as :

- (A) Texture
- (B) Grain
- (C) Figure
- (D) Pores

43. What is the process of drying out of most of the moisture from the cell cavities and cell walls?

- (A) Drying
- (B) Seasoning
- (C) Preservation
- (D) Steaming

44. One of the natural seasoning method among is :

- (A) Water seasoning
- (B) Girdling
- (C) Kiln seasoning
- (D) Steaming

45. The boards which are produced by _____ method of conversion is slower in seasoning.
- (A) Quarter sawing (B) Live sawing
(C) Back sawing (D) Tangential sawing
46. The timber with sawn surfaces are called :
- (A) Dressed timber (B) Rough timber
(C) Milled timber (D) Planed timber
47. The unit of superficial foot is represented by :
- (A) Cubic feet (B) Square feet
(C) Foot (D) None of the above
48. What type of a defect is burls?
- (A) Artificial (B) Natural
(C) Disease (D) None of the above
49. Which of the following is an interlocked grained wood?
- (A) Sal (B) Deodar
(C) Kail wood (D) Fir wood
50. Which one among is a water soluble preservative?
- (A) Coaltar (B) Penta
(C) Arsenic (D) Copper Naphthanate
51. How the size of a band saw machine is determined?
- (A) The overall height of the machine
(B) The overall width of the machine
(C) Diameter of the pulley
(D) The width of the blade
52. The machine in which the rotary motion is converted into reciprocating motion :
- (A) Jig saw (B) Band saw
(C) Router (D) Sander

53. Which plane is also known as the "Old Woman's tooth"?
- (A) Jack plane (B) Trying plane
(C) Router plane (D) Rabbet plane
54. Which is the longest plane among bench planes?
- (A) Jack plane (B) Trying plane
(C) Smoothing plane (D) Block plane
55. Which is the smallest plane among bench planes?
- (A) Jack plane (B) Trying plane
(C) Smoothing plane (D) Block plane
56. Which one of the Chisel is used for carving?
- (A) Firmer Chisel (B) Paring Chisel
(C) Mortise Chisel (D) Gouge Chisel
57. Which gauge is used to mark length, width and thickness in one setting?
- (A) Marking gauge (B) Mortise gauge
(C) Cutting gauge (D) Butt gauge
58. The span of the couple close roof is :
- (A) 2.5 m (B) 3 m
(C) 3.75 m (D) 5 m
59. The span of the king post trussed roof is :
- (A) 2.5 m to 3 m (B) 3.5 m to 4 m
(C) 4 m to 4.5 m (D) 5 m to 8 m
60. The cheapest and smallest door among the following is :
- (A) Ledged and battened door
(B) Ledged, battened and braced door
(C) Panelled door
(D) Swing door
61. One feet = _____ cm.
- (A) 30 (B) 300
(C) 30.48 (D) 304.8

62. The smallest division of steel rule in inch side is :

(A) $\frac{1}{16}$ "

(B) $\frac{1}{32}$ "

(C) $\frac{1}{8}$ "

(D) $\frac{1}{64}$ "

63. The middle rail of the door shutter is known as :

(A) Top rail

(B) Lock rail

(C) Frieze rail

(D) Bottom rail

64. Pig iron is produced by _____ furnace.

(A) Blast furnace

(B) Cupola furnace

(C) Bessemer converter

(D) Puddling furnace

65. The value of acceleration due to gravity (g) is :

(A) 9.81 m/sec²

(B) 98.1 m/sec²

(C) 9.81 km/hr

(D) 8.81 m/sec²

66. The door made by block board, laminated board, veneer etc is known as :

(A) Panelled door

(B) Glazed door

(C) Flush door

(D) Louvered door

67. The window which projects outside so as to form projection is called :

(A) Bay window

(B) Corner window

(C) Dormer window

(D) Casement window

68. The vertical window which is built on the sloping surface of a roof is :

(A) Bay window

(B) Corner window

(C) Dormer window

(D) Casement window

69. Chisel is made up of :

(A) Mild steel

(B) High carbon steel

(C) Stainless steel

(D) Low carbon steel

70. The warp is a _____ defect.

(A) Natural

(B) Seasoning

(C) Due to fungus

(D) Due to insects

71. The window which is usually fixed on the sloping surface of the roof parallel to its inclination for light is :
- (A) Sky light window (B) Clerestorey window
(C) Lantern window (D) Gable window
72. The least expensive method of seasoning is :
- (A) Kiln seasoning (B) Air seasoning
(C) Electric seasoning (D) Smoke seasoning
73. The size of A1 drawing sheet is :
- (A) 841×1189 (B) 297×420
(C) 594×841 (D) 210×297
74. The size of a letter used in drawing is described by :
- (A) Its height (B) Its length
(C) Its width (D) Its thickness
75. The thread of sash cramp is :
- (A) Acme thread (B) Buttress thread
(C) Square thread (D) B.A. thread
76. The hand tool which is used to protect the surface of the table and prevents the work from slipping is :
- (A) G-cramp (B) Sash cramp
(C) Bench stop (D) Bench hook
77. The angle of mitre joint is :
- (A) 45° (B) 35°
(C) 30° (D) 25°
78. Young's modulus is :
- (A) $\frac{\text{Strain}}{\text{Stress}}$ (B) $\frac{\text{Mass}}{\text{Volume}}$
(C) $\frac{\text{Change in length}}{\text{Original length}}$ (D) $\frac{\text{Stress}}{\text{Strain}}$

79. $\tan \theta =$

(A) $\frac{\sin \theta}{\cos \theta}$

(B) $\frac{\cos \theta}{\sin \theta}$

(C) $\frac{1}{\sin \theta}$

(D) $\frac{1}{\cos \theta}$

80. Which hand tool is used to check the winding of a flat board?

(A) Winding sticks

(B) Straight edge

(C) Steel rule

(D) Try square

81. Who was selected the first President of Nair Service Society (NSS)?

(A) Mannathu Padmanabhan

(B) G.P. Pillai

(C) K. Kelappan

(D) C. Krishna Pillai

82. The Official Document of India :

(A) White Paper

(B) White Book

(C) Green Book

(D) Blue Book

83. The first Vice Chancellor of the University of Malayalam :

(A) Dr. B. Ashok

(B) Dr. Abdul Salim

(C) Dr. A.V. George

(D) Dr. K. Jayakumar

84. Who was recently selected as the Ambassador of the "Total Sanitation Campaign" by the UNICEF in South Asia, especially in Indian Sub-continent?

(A) Viswanathan Anand

(B) Sachin Tendulkar

(C) Prakash Padukon

(D) Rahul Dravid

85. In which year the Partition of Bengal was announced by the British Government?

(A) 1903

(B) 1904

(C) 1905

(D) 1906

86. The Foreign Secretary of India :

(A) Sujata Singh

(B) Nirupama Rao

(C) Renjan Mathai

(D) Salman Khurshid

87. The play 'Nil Darpan' of the famous Bengali Writer Dinabandhu Mitra portrays the oppression of :
(A) Artisans (B) The common man
(C) The Handloom Weavers (D) The Indigo Planters
88. Who was honoured with the inaugural Mahathir Award for Global Peace?
(A) Malala Yousufzai (B) Nelson Mandela
(C) Bankimoon (D) Angelo Markel
89. The founder of 'Samathva Samajam' :
(A) Swami Agamananda (B) Vaikunda Swamikal
(C) Vagbhathananda Swamikal (D) Brahmananda Sivayogi
90. Who discovered the DNA Finger Printing?
(A) Watson and Crick (B) Alec Jeffreys
(C) Jacob and Monad (D) Nirenberg
91. The permanent venue of the International Film Festival in India at :
(A) Goa (B) Kerala
(C) Delhi (D) Maharashtra
92. Article 360 explains :
(A) Internal Emergency
(B) Special status for Jammu and Kashmir
(C) Declaration for President Rule
(D) Financial Emergency
93. The name 'Kunjan Pillai' popularly known as :
(A) Ayya Vaikundar (B) Chattambi Swamikal
(C) Thycaud Ayya (D) Vagbhatanda Swamikal
94. Which among the following river is a tributary of river Godavari?
(A) Indravathy (B) Bheema
(C) Kabani (D) Satlej

95. Broom Stick is the official symbol of :

- | | |
|---------|---------|
| (A) BJP | (B) BSP |
| (C) AAP | (D) TDP |

96. The UN observed the International Day for the "Elimination of Violence Against Women" on :

- | | |
|-----------------|-----------------|
| (A) November 20 | (B) November 19 |
| (C) November 14 | (D) November 25 |

97. What is the correct chronology of the following events?

1. Civil Disobedience Movement
2. Jallianwalla Bagh Tragedy
3. Quit India Movement
4. Second Round Table Conference

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|----------------|----------------|
| (A) 3, 2, 1, 4 | (B) 2, 1, 4, 3 |
| (C) 4, 3, 2, 1 | (D) 4, 1, 2, 3 |

98. Who was the founder of 'Sadhujana Paripalana Yogam'?

- | | |
|-----------------|--------------------------------|
| (A) Ayyankali | (B) Kavarikulam Kandan Kumaran |
| (C) C. Krishnan | (D) Pandit Karuppan |

99. Which of the following Viceroy, who started the work of census?

- | | |
|-----------------|-------------------|
| (A) Lord Mayo | (B) Lord Lytton |
| (C) Lord Rippon | (D) Lord Dufferin |

100. Who referred, 'Gandhiji as the Father of Our Nation'?

- | | |
|----------------------|--------------------------|
| (A) Jawaharlal Nehru | (B) Rabindranath Tagore |
| (C) Sarojini Naidu | (D) Subhash Chandra Bose |