

145/2016

1. Rings that trees produce each year are _____.
(A) Annual rings (B) Cup rings (C) Cambium layer (D) Medullary rays
2. Mortise gauge has _____ scribing pins.
(A) One (B) Three (C) Four (D) Two
3. Which instrument is used to testing trueness of large surfaces ?
(A) Steel rule (B) Try square (C) Straight edge (D) Gauge
4. Which one of the following is **not** a boring tool ?
(A) Bradawl (B) Gimlet (C) Auger (D) C - cramp
5. The blade of a saw is made of :
(A) Cast iron (B) Spring steel
(C) Mild steel (D) High Carbon steel
6. Which glue is obtained from curds of skimmed milk ?
(A) Animal glue (B) Vegetable glue (C) Casein glue (D) Resin glue
7. Centre most portion of a timber cross-section called :
(A) Medulla (B) Bark (C) Sap wood (D) Hart wood
8. For cutting along the grains _____ saws are used.
(A) Rip saw (B) Cross - cut saw (C) Dovetail saw (D) Compass saw
9. Yellow colour represents in pattern making for :
(A) Castings (B) Core prints (C) Split pattern (D) None of these
10. Cracks develop between the adjacent Annual rings is called :
(A) Cup shake (B) Heart shake (C) Twisting (D) Star shake

11. Systematic arrangement of machines in a working area called :
 (A) Plant layout (B) Shop layout (C) Plan (D) Estimate
12. In a timber _____ carries food made in leaves.
 (A) Bark (B) Bast (C) Pith (D) None of these
13. Market form of timber which rough squared log :
 (A) Log (B) Posts (C) Planks (D) Balk
14. Which is the another name of natural seasoning ?
 (A) Air seasoning (B) Water seasoning
 (C) Kiln seasoning (D) Boiling
15. Which tree grows all over India ?
 (A) Bamboo (B) Mohogony (C) Mango tree (D) Teak
16. Which is the excellent base for paint ?
 (A) Titanium oxide (B) Copper sulphate
 (C) Potassium chloride (D) Silica
17. The odd number of plies are taken in Plywood because :
 (A) Shrinkage stresses uniform (B) Shrinkage stresses decrease
 (C) Shrinkage stresses increase (D) Tensile stresses will be uniform
18. Wire nails which exceed 130 mm in length are named as :
 (A) Clasp nail (B) Oval wire nail (C) Spikes (D) Coach screw
19. Saw setting can be done with saw set or with :
 (A) Mallet (B) Hammer (C) Oil stone (D) File

20. Which is one of the long chisel ?
(A) Firmer chisel (B) Parring chisel (C) Mortice chisel (D) Hollow chisel
21. Sharpening angle of chisel which varies from :
(A) $20^\circ - 25^\circ$ (B) $0^\circ - 10^\circ$ (C) $45^\circ - 90^\circ$ (D) $30^\circ - 35^\circ$
22. Nitro cellulose paints are applied by the method of :
(A) Brush painting (B) Stickers (C) Staining (D) Spray painting
23. Basically a plane contains a frame and :
(A) Chisel (B) Cap iron (C) Black iron (D) Wedge
24. Spoke shave used for smoothing :
(A) Plane surfaces (B) Interior surfaces
(C) Curved surfaces (D) Rough surfaces
25. Forming a conical shape in the end of a hole is said to be :
(A) Bracing (B) Drilling (C) Counter sinking (D) Boring
26. Band saw is mainly used for :
(A) Cross cutting (B) Re-sawing (C) Curve cutting (D) Fine cutting
27. Another name of jig saw is :
(A) Scroll saw (B) Pad saw (C) Fret saw (D) Nest of saw
28. Mortise and tenon joint is simply called :
(A) Lap joint (B) Butt joint (C) Splice joint (D) Tenon joint

29. The central layer of plywood is called :
(A) Face ply (B) Core ply (C) Cross ply (D) Main ply
30. The technical term used in roofing construction the vertical distance between the top of the ridge and the wall plate is :
(A) span (B) ridge (C) pitch (D) rise
31. The type of plywood is designated by _____
(A) One letter (B) Two letter (C) Three letter (D) Four letter
32. Which one of the sawing operation is **not** related to circular saw machine ?
(A) Rip cutting (B) Cross cutting (C) Mitre cutting (D) Mould cutting
33. Pivoted window is similar to :
(A) Sliding window (B) Bay window
(C) Casement window (D) Corner window
34. In turning stairs the flight takes turn :
(A) Two directions (B) No direction (C) Three directions (D) One direction
35. Which is **not** sharpen the points on grinding wheels ?
(A) Divider (B) Knife
(C) Single point cutting tool (D) Saw
36. By which name the replica or facsimile of model is called :
(A) Casting (B) Mould (C) Pattern (D) Core
37. The lower edge of an inclined roof surface is called :
(A) Verge (B) Hip (C) Eaves (D) Valley

38. Top portion of the chisel is called :
(A) Head (B) Body (C) Point (D) Ferrule
39. The end opposite to tang of a file called :
(A) Face (B) Edge (C) Heel (D) Point
40. In band saw machine height of the table is _____ above the floor.
(A) 20" - 30" (B) 39" - 42" (C) 30" - 35" (D) 40" - 59"
41. Which is the angle of inclination of the thread to the imaginary perpendicular line ?
(A) Helix angle (B) Cutting angle
(C) Sharpening angle (D) Rake angle
42. Which tool is used to cutting external threads ?
(A) Die (B) Tap (C) Drill (D) Reamer
43. _____ is a trunk of a tree with branches cut off and bark removed.
(A) Baulk (B) Posts (C) Log (D) Planks
44. Spanners are made up of :
(A) Cast iron (B) Drop forged steel
(C) Mild steel (D) Low carbon steel
45. The timber which is used for railway sleepers :
(A) Mango tree (B) Bamboo (C) Sal (D) Rose wood
46. Angle of the point in a centre punch is :
(A) 60° (B) 45° (C) 70° (D) 90°

47. SWG gauge number increases the thickness of sheet will be :
(A) No change (B) Decrease (C) Increase (D) None of these
48. These are used for making holes in a wood :
(A) Making gauge (B) Awl (C) Cutting gauge (D) Pencil
49. Scraf joint is under :
(A) Widening joint (B) Framing joint
(C) Lengthening joint (D) Dowel joint
50. Drawing large circles on the wood, which tool is used ?
(A) Compass (B) Trammel point (C) Wing compass (D) Caliper
51. The main fuel used in the hand forge is :
(A) Wood (B) Charcoal (C) Hard coke (D) Kerosene
52. The process of cutting the timber lengthwise along the grain :
(A) Ripping (B) Cross - cutting (C) Trenching (D) Metre cutting
53. Which one of the following is oil preservative ?
(A) Zinc chloride (B) Sodium fluoride (C) Tar (D) Charring
54. What is an unbroken series of steps between the landing ?
(A) Flight (B) Landing (C) Going (D) Nosing
55. The angle of the saw kerf in the mitre box is :
(A) 35° (B) 45° (C) 55° (D) 65°

56. The depth of the trench in housing joint is :
(A) $1/5^{\text{th}}$ thickness (B) $1/3^{\text{rd}}$ thickness (C) $1/2^{\text{nd}}$ thickness (D) $2/3^{\text{rd}}$ thickness
57. Protractor head is used for measuring angles within an accuracy of :
(A) 2° (B) 0° (C) 1° (D) 180°
58. For quick removal of much wood, _____ is used.
(A) Hard file (B) Plane (C) Sander (D) Rasp file
59. More skill is required for _____ sawing.
(A) Tangential sawing (B) Radial sawing
(C) Live sawing (D) None of these
60. General direction on alignment of wood cells in timber refers :
(A) Colour (B) Smell (C) Grain (D) Density
61. The purpose of seasoning is **not** to reduce :
(A) Weight (B) Shrinkage (C) Warpage (D) Hardness
62. Drill chucks are fitted on the drilling machine spindle by means of a :
(A) Knurled ring (B) Drift (C) Pinion and key (D) Arbor
63. How many inches are there in a metre ?
(A) 36 inches (B) 32.6 inches (C) 39.37 inches (D) 25.4 inches
64. Size of the angle plates stated by its :
(A) Size number (B) Weight (C) Length (D) Length \times Width

65. It is not a part of the pattern. But it is an added projections of the pattern :
 (A) Core box (B) Core sand (C) Core print (D) Core cavity
66. The standard height of the band saw table above the floor :
 (A) 43" - 46" (B) 35" - 38" (C) 31" - 34" (D) 39" - 42"
67. What is the name of screw driver having a cruciform tips ?
 (A) Phillips head screw driver (B) London pattern screw driver
 (C) Offset screw driver (D) Standard screw driver
68. 'DECOLAM' is an another trade name of :
 (A) Plywood (B) Veneer
 (C) Manufacturing board (D) Sunmica
69. The process of bevelling the end of a hole is called :
 (A) Counter boring (B) Counter sinking
 (C) Spot facing (D) Reaming
70. Which saw has an open handle ?
 (A) Dovetail saw (B) Pannel saw (C) Rip saw (D) Cross-cut saw
71. Other end of a hammer head is called :
 (A) Face (B) Pein (C) Eye (D) Handle
72. 'Dadoes' are related to _____.
 (A) Bridle joints (B) Housing joints (C) Dowel joints (D) Grooved joints
73. Which measuring rule is having sliding end piece or stop ?
 (A) Angular measure (B) Four folding rule
 (C) Tape measure (D) Zig-Zag rule

74. _____ vice is used to sharpening the saws.
(A) Bench vice (B) Pin vice (C) Carpenter's vice (D) Saw vice
75. Strongest form of an angle joint used in cabinet work :
(A) Halving joint (B) Dovetail joint
(C) Mortise and Tenon joint (D) Housing joint
76. Wire nails are made up of :
(A) Mild steel (B) Tool steel (C) Wrought iron (D) Aluminium
77. It is one of the oldest method of ornamentation of timber :
(A) Relief carving (B) Figured timber (C) In laying (D) Wood carving
78. Spring is a defect of timber occurred :
(A) The end of the piece of timber (B) Away from edge of timber
(C) The interior of piece of timber (D) A curvature along the edge of board
79. The segmental pattern works like a :
(A) Match plate pattern (B) Sweep pattern
(C) Loose piece pattern (D) Single piece pattern
80. For removing the bark of timber _____ tool is used.
(A) Axe (B) Saw (C) Plane (D) Adze
81. Who founded the 'Bharishkrutha Karini Sabha' in 1924 ?
(A) Mahatma Gandhi (B) Jyothi Rao Phule
(C) B.R. Ambedkar (D) Sree Narayana Guru

82. Which is the largest 'Jute' producing state in India ?
 (A) Bihar (B) West Bengal (C) Tamilnadu (D) Punjab
83. Who described the Revolt of 1857 as a 'National Rising' ?
 (A) Benjawan Disraeli (B) R.C. Majumdar
 (C) John Lawrence (D) S.N. Sen
84. Which of the following is correctly matched ?
 (A) Jallian Walla Bagh Massacre - 1918
 (B) Partition of Bengal - 1907
 (C) Quit India Movement - 1942
 (D) Non-Cooperation Movement - 1925
85. Who was the leader of 1857 Revolt at Lucknow ?
 (A) Begum Hazrat Mahal (B) Nana Saheb
 (C) Kunwar Singh (D) Tantia Tope
86. The emphasis of 'going back to the Vedas' was laid by :
 (A) Ram Mohan Roy (B) Dayananda Saraswati
 (C) Swami Vivekananda (D) Annie Besant
87. The Longest River which flows entirely within the border of India :
 (A) Ganga (B) Kaveri (C) Sindhu (D) Krishna
88. Which type of soil is known as 'Regar Soil' ?
 (A) Alluvial soil (B) Red soil (C) Black soil (D) Saline soil
89. Where is the oldest 'Cinnamon' estate situated ?
 (A) Thalassery (B) Pinarayi (C) Azhikode (D) Anjrakkandy

90. Which Article of the Indian Constitution assures 'Education' as the Fundamental Rights of a Citizen ?
- (A) Article 19 (B) Article 32 (C) Article 14 (D) Article 21-A
91. Which is the river known as 'Payasvini' in Ancient Kerala ?
- (A) Bavani puzha (B) Chandragiri puzha
(C) Chithari puzha (D) Valapattanam puzha
92. Who started the magazine named 'Abinava Keralam' in 1921 for political freedom and social justice ?
- (A) Chattampi Swami (B) Ayyan Kali
(C) Vagbhatananda (D) V.T. Bhattathiripad
93. Who conducted the 'Villuvandi strike' in 1893 against Feudalism and freedom to walk on the public path for Backward Caste ?
- (A) Ayyan Kali (B) Sree Narayana Guru
(C) Brahmananda Sivayogi (D) Chattampi Swami
94. _____ is called 'Kerala Lincoln'.
- (A) T.K. Madavan (B) Vakkom Moulavi
(C) K. Kelappan (D) Pandit Karuppan
95. 'Samatva Samaj' was founded by :
- (A) Vaikunda Swami (B) Kumara Guru
(C) Mannathu Padmanabhan (D) Kumaranasan
96. Who wrote a series of articles named "Thiruvitham Kottai Thiyyan" in the daily 'Madras Mail' on the tortures faced by himself and his community ?
- (A) Dr. Palpu (B) K.P. Sankara Menon
(C) G.P. Pillai (D) C. Kesavan