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TNPSC FA

**Previous Year Paper
(Forestry)
05 Dec, 2022**



Post of Forest Apprentice in Tamil Nadu Forest Subordinate Service (Group-VI Services)

1. Which one is not a welfare factor?
(A) Water (B) Food
(C) Shelter (D) Fire
(E) Answer not known

2. Find out the correct statement regarding Hibernation.
(A) Summer sleep (B) Winter sleep
(C) Common in Insects (D) Common in lower vertebrates
(E) Answer not known

3. Fraying is the mark left on tree boles by
(A) Tiger (B) Leopard
(C) Deers (D) Sloth bear
(E) Answer not known

4. Which one is not a homothermic animal?
(A) Polar bear (B) Asiatic Lion
(C) Great Indian Bustard (D) Monitor Lizard
(E) Answer not known

5. The height of density board is
(A) 1.6 M (B) 2.0 M
(C) 1.4 M (D) 1.8 M
(E) Answer not known

11. Sex ratio of animals is usually expressed as males per
(A) 10 females (B) 100 females
(C) 1 female (D) 1000 females
(E) Answer not known

12. The Mimicry, with regard to colour is
(A) Mertensian Mimicry (B) Auto Mimicry
(C) Batesian Mimicry (D) Mullerian Mimicry
(E) Answer not known

13. Which animal does not have very good olfactory power?
(A) Tiger (B) Elephant
(C) Dhole (D) Primates
(E) Answer not known

14. Narcodum birds sanctuary is located at
(A) Tamilnadu (B) Karnataka
(C) Bihar (D) Andaman and Nicobar Island
(E) Answer not known

15. The animals pertaining to schedule – V are known as
(A) Mammals (B) Vermin
(C) Reptiles (D) Amphibians
(E) Answer not known

16. Find out the correct statement

(A) Rinder pest is a bacterial disease
(B) Botulism is a viral disease
(C) Rabies is a bacterial disease
(D) Foot and mouth is a viral disease
(E) Answer not known

17. India became a signatory to CITES in

(A) 1972 (B) 1974
(C) 1980 (D) 1976
(E) Answer not known

18. Which one is not a dimorphic bird?

(A) Crow (B) Patrides
(C) Pea fowl (D) Pigeons
(E) Answer not known

19. Gharials are not found in

(A) Ganga River (B) Bhramaputra River
(C) Mahanadi River (D) Godavari River
(E) Answer not known

20. The Period during which the limiting factors are most active is

(A) Lure period (B) Pinch period
(C) Quality period (D) Well period
(E) Answer not known

21. Gir Lion project was launched during
(A) ✓ 1972 (B) 1970
(C) 1965 (D) 1980
(E) Answer not known

22. Flying fox is
(A) Carnivorous (B) ✓ Frugivorous
(C) Omnivorous (D) Insectivorous
(E) Answer not known

23. Order Rodentia includes
(A) ✓ Squirrels (B) Rabbits
(C) Ant eaters (D) Flying foxes
(E) Answer not known

24. The formula used to estimate the population through king strip census is
(A) $P = \frac{A \times L}{G \times F}$ (B) ✓ $P = \frac{A \times G}{L \times F}$
(C) $P = \frac{L \times F}{A \times G}$ (D) $P = \frac{A \times F}{L \times G}$
(E) Answer not known

25. Which one is not a positive value of wild animals?
(A) Utilitarian value (B) ✓ Disease reservoirs
(C) Commerical values (D) Ecological values
(E) Answer not known

26. Wilt in teak seedling is caused by
(A) *Pseudomonas Solanacearum* (B) *Pythium oidae*
(C) *Phytophthora reedi* (D) *Oidium rubi*
(E) Answer not known

27. Necrotic symptoms refer to
(A) Live part of plant (B) Death of a plant part
(C) Decay of plant part (D) Burn in plant part
(E) Answer not known

28. Teak white rot is caused by
(i) *Fomes lividus*
(ii) *Polyporus zoralis*
(iii) *Aspergillus flavus*
(A) (i) only (B) (ii) only
(C) (i) and (ii) only (D) (i), (ii) and (iii)
(E) Answer not known

29. Sal is attacked by the wood borer
(A) *Hoplocerambyx spinicornis*
(B) *Hoplocerambyx unicornis*
(C) *Tonica spinicornis*
(D) *Tonica unicornis*
(E) Answer not known

30. Teak defoliator attack is attributed due to the pest
(A) *Hyblaea puera* (B) *Hyblaea kera*
(C) *Hyblaea yura* (D) *Hyblaea riva*
(E) Answer not known

31. Forest fire immediately affect the
(A) Stand (B) Soil
(C) Regeneration (D) Water cycle
(E) Answer not known

32. The fermite attack in timber for out door use can be reduced by treating with
(A) Copper (B) Sulphur
(C) Chalk (D) Tar/crude oil
(E) Answer not known

33. Supplymentary food available to termite from
(A) Fungal mantle (B) Fungal garden
(C) Bacterial mantle (D) Bacterial garden
(E) Answer not known

34. Termite colony has
(A) 2 types of castes (B) 3 types of castes
(C) 4 types of castes (D) 5 types of castes
(E) Answer not known

35. Termites belong to the order
(A) Hemiptera (B) Thysonoptera
(C) Lepidoptera (D) Isoptera
(E) Answer not known

45. The class of land divided based on slope in shifting cultivation area

(A) ~~1 : upto 33%, 11 : 33-100% 111 : > 100%~~
(B) 1 : upto 50%, 11 : 50-100%, 111 : > 100%
(C) 1 : upto 66%, 11 : 66-100%, 111 : > 100%
(D) 1 : upto 70%, 11 : 70-100%, 111 : > 100%
(E) Answer not known

46. Shifting cultivation was prevalently practiced in India in

(A) Northern States (B) Southern States
(C) Western States (D) ~~North Eastern states~~
(E) Answer not known

47. Forests are under

(A) State list (B) Union list
(C) Union Territory list (D) ~~Concurrent list~~
(E) Answer not known

48. The land allotted for rehabilitation of people displaced by river valley project is mostly in

(A) Agricultural land (B) Revenue land
(C) Private land (D) ~~Forest land~~
(E) Answer not known

49. Forest protection measure are

(i) Preventive

(ii) Remedial

(iii) Construction

(iv) Diffussion

(A) (i) and (ii)

(B) (i) and (iii)

(C) (ii) and (iv)

(D) (iii) and (iv)

(E) Answer not known

50. Per capita consumption of wood in India during 1998

(A) 0.05 m³

(B) 5.0 m³

(C) 10.0 m³

(D) 15.0 m³

(E) Answer not known

51. If the contour lines are far apart which indicates that

(A) The slope is steep

(B) The slope is gentle

(C) The slope is uniform

(D) The slope is concave

(E) Answer not known

52. The most commonly constructed bridges in interior area to crops over river con stream bed.

(A) The ford

(B) Irish bridge

(C) Cause way

(D) Suspension bridge

(E) Answer not known

53. A raised walkway over water supported by widely spread piles (or) pillars is called

(A) Parapet (B) Pier
(C) Bearing (D) Footing
(E) Answer not known

54. A method of determining the relative elevations of points on the earth surface is termed as

(A) Contouring (B) levelling
(C) Collionation (D) Transitting
(E) Answer not known

55. A horizontal structure placed over opening to from the top and to support the weight of the structure above it.

(A) Roof (B) Foundation
(C) Lintel (D) Bond
(E) Answer not known

56. The arrangement of wedge shaped blocks mutually supporting each other in a building is termed as

(A) Arches (B) Roofs
(C) Lintels (D) Thatche
(E) Answer not known

57. The longitudinal slope of the road which is expressed as a ratio of rise or fall corresponding to the length of the road.

(A) Soling (B) Gradient
(C) Beam (D) Camber
(E) Answer not known

58. The ratio of rise to span and depend upon the material being using and the building material covered is

(A) Cover (B) Pitch
(C) Roof (D) Arch
(E) Answer not known

59. The arrangement of bricks in construction is termed as

(A) Masonry (B) Arrangement
(C) Heading (D) Bonding
(E) Answer not known

60. If the building construction comprises of one brick thick wall with bricks arranged edge to edge, then it is called as

(A) English bond (B) Flemish bond
(C) Healing bond (D) Stretcher bond
(E) Answer not known

61. Pick the odd man out

(A) Contour farming (B) Mixed cropping
(C) Vegetative barrier/Agro forestry (D) Conservation tillage
(E) Answer not known

62. The drainage area of a land having less than 1000 acres

(A) Sub water shed (B) Mini water shed
(C) Micro water shed (D) Water shed
(E) Answer not known

73. The density of soil solids is known as
(A) Bulk density (B) Particle density
(C) Soil structure (D) Soil texture
(E) Answer not known

74. The relative proportions of various sized particle in a soil is
(A) Structure (B) Texture
(C) Density (D) Pore space
(E) Answer not known

75. The soil formed due to poor drainage condition is
(A) Endomorphic soil (B) Ectomorphic soil
(C) Hydromorphic soil (D) Ectoendomorphic soil
(E) Answer not known

76. Podzolization is the soil forming process which prevails in
(A) Hot climate (B) Cold and humid climate
(C) Arid climate (D) Semi arid climate
(E) Answer not known

77. In mountainous regions, _____ exposure is unusually warmer in Northern hemisphere
(A) Eastern (B) Northern
(C) Southern (D) Western
(E) Answer not known

78. Soils are formed due to simultaneous action of atleast
(A) 4 factors
(C) 6 factors
(E) Answer not known
(B) ✓ 5 factors
(D) 7 factors

79. Soil development unperceptibly beneath the soil cover is
(A) Biogenesis
(C) Stratigraphy
(E) Answer not known
(B) ✓ Geogenesis
(D) Petrology

80. The hardest mineral is
(A) ✓ Diamond
(C) Mica
(E) Answer not known
(B) Talc
(D) Quartz

81. Slate is formed from
(A) Limestone
(C) Sandstone
(E) Answer not known
(B) Granite
(B) ✓ Shale

82. Flint is a
(A) ✓ Siliceous rock
(C) Carbonaceous rock
(E) Answer not known
(B) Precipitated salts
(D) Calcareous rock

83. Diorite is
(A) Acidic rocks
(C) ✓ Sub basic rocks
(E) Answer not known
(B) Sub acidic rocks
(D) Basic rocks

84. Dominant rocks found in the SIMA zone of earth crust

(A) Obsidian and trachyte (B) Quartz and Feldspar
(C) Bassalt and Gabbro (D) Granite and Rhyolite
(E) Answer not known

85. How many elements have been detected in the earth's crust?

(A) 60 (B) 70
(C) 80 (D) 90
(E) Answer not known

86. ITTO – International Tropical Timber Organisation was established during

(A) 1981 (B) 1982
(C) 1986 (D) 1989
(E) Answer not known

87. The Kyoto protocol came into force in

(A) 2012 (B) 2005
(C) 2002 (D) 1990
(E) Answer not known

88. As per 2021 assessment of Forest Survey of India (FSI), Indias total forest cover is

(A) 7,13,789 sq.km (B) 3,20,736 sq.km
(C) 2,87,820 sq.km (D) 83,471 sq. km
(E) Answer not known

89. The first National Forest Policy (NFP) was formulated in
(A) 1927 (B) 1878
(C) 1894 (D) 1865
(E) Answer not known

90. Accept the project which gives IRR
(A) At $NPV = 0$ i.e. $PWB = PWC$ and IRR greater than rate of interest
(B) $IRR > 1$
(C) $IRR < 1$
(D) $IRR > 0$
(E) Answer not known

91. The first forest policy in India was enacted (under pre-independence era) during the year
(A) 1952 (B) 1988
(C) 1894 (D) 2002
(E) Answer not known

92. United Nations Conference on Sustainable Development (UNCSD) held at Rio in Brazil in 2012 is called as
(A) Lma Bali Roadmap (B) Kyoto protocol
(C) Copenhagen accord (D) Rio +20
(E) Answer not known

93. Indian Institute of Forest Management (IIFM) is located at
(A) Ahmedabad (B) Rajasthan
(C) Dehradun (D) Bhopal
(E) Answer not known

94. Demand is the quantity required by buyer at particular price in a given period of time only when the following variables held constant

(A) Income of the consumer
(B) Taste and preference of consumer
(C) Price of all other goods which is competing for budget
(D) All the above (income, taste and preference of consumer and price of all other goods which is competing for budget)
(E) Answer not known

95. National Agricultural Policy was formulated in

(A) 2001 (B) 2000
(C) 2002 (D) 2004
(E) Answer not known

96. Name the forest type of silent valley National Park of Kerala

(A) The East Coast tropical wet evergreen
(B) The West Coast tropical wet evergreen
(C) The East Coast tropical semi evergreen
(D) The West Coast tropical semi evergreen
(E) Answer not known

97. Which of the following is incorrectly matched?

(A) Dental fluorosis –	Fluorocarbons
(B) Irritation of eye –	Hydrocarbons
(C) Anemia –	Mercury
(D) Kidney damage –	Cadmium
(E) Answer not known	

103. Increased performance of F_1 hybrid over its parents is termed as
(A) Dominance (B) Heteroploidy
(C) Crossing over (D) ~~Heterosis~~
(E) Answer not known

104. When two species which are growing together hybridize freely and backcross, the resulting population is called as
(A) Artificial hybrids (B) Epistasis
(C) ~~Hybrid Swarm~~ (D) Hybrid breakdown population
(E) Answer not known

105. Cumulative effect of alleles at all gene loci for a particular trait is termed as
(A) Genetic Advance (B) ~~Additive Variance~~
(C) Non-Additive Variance (D) Heritability
(E) Answer not known

106. AICRP on agro forestry stands for
(A) All Interlinked Crop Research Project
(B) All India Crop Research Project
(C) ~~All India Co-ordinated Research Project~~
(D) All Interested Crop Research Project
(E) Answer not known

107. Agro forestry system which integrates honey production with trees is
(A) Aqua forestry (B) ~~Silviapiary~~
(C) Apiculture (D) Silviculture
(E) Answer not known

108. Taungya system is otherwise called as
(A) Home Gardens (B) Alley Cropping
(S) Hill Cultivation (D) Improved Fallow
(E) Answer not known

109. Identify the odd one among the following
(A) Windbreak (B) Shelter belts
(S) Home garden (D) Soil Conservation Hedges
(E) Answer not known

110. Under Indian Conditions, normal width of a shelterbelt is
(A) 100 metres (B) 50-100 metres
(C) 25 metres (D) Upto 50 metres
(E) Answer not known

111. In Joint Forest Management context, VSS stands for
(A) Village Sustenance Society
(B) Village Samarakshana Society
(C) Vana Samarakshana Society
(D) Vana Samarakshana Samithi
(E) Answer not known

112. People's participation in Forestry activities was greatly emphasized in
(A) Forest Policy, 1894
(B) National Forest Policy, 1952
(C) Forest (Conservation) Act, 1980
(D) National Forest Policy, 1988
(E) Answer not known

118. National Afforestation Programme is funded by
(A) State Government (B) State and Central Government
(C) Private Companies (D) ~~✓~~ Central Government
(E) Answer not known

119. The ratio of height and width of shelter belt should be roughly
(A) 1 : 2 (B) ~~✓~~ 1 : 10
(C) 1 : 5 (D) 1 : 20
(E) Answer not known

120. Microplan in JFM prepared by
(A) Community (B) Forest Department
(C) NGOs (D) ~~✓~~ VFC
(E) Answer not known

121. Which tree species is not suitable for protein banks?
(A) Albizia (B) Gliricidia
(C) Sesbania (D) ~~✓~~ Teak
(E) Answer not known

122. The VFC meets atleast once in
(A) One month (B) ~~✓~~ Three months
(C) Six months (D) Nine months
(E) Answer not known

127. In forest type, each group is again divided into types in which secondary sere have been designated by the letter

(A) C (B) E
(C) 1S (D) ~~2S~~
(E) Answer not known

128. The example for epiphytes is

(A) Cuscuta reflexa (B) Santalam album
(C) Lantana Camara (D) ~~Ficus Bengalensis~~
(E) Answer not known

129. In seed production areas, an isolation strip of _____ m width is considered sufficient.

(A) 50 to 100 m (B) ~~100 to 150 m~~
(C) 150 to 200 m (D) 200 to 250 m
(E) Answer not known

130. Which one is not an indigenous species?

(A) Ailanthus excelsa (B) Bombox Ceiba
(C) Michelia Champaca (D) ~~Broussonetia Papyrifera~~
(E) Answer not known

131. The scientific name of Indian Gum-Arabic tree is

(A) ~~Acacia Nilotica~~ (B) Acacia albida
(C) Acacia Leucophloea (D) Acacia Planifrons
(E) Answer not known

142. Tropical or Subtropical grass land containing scattered trees or shrubs is known as

(A) Tidal Forest (B) Riparian Forest
(C) Shola Forest (D) ~~Savannah~~
(E) Answer not known

143. A condition of plant with pale yellow and long thin internodes is known as

(A) Chlrosis (B) Necrosis
(C) ~~Etiolation~~ (D) Dwarfing
(E) Answer not known

144. Pure forest is a forest composed of almost entirely of one species, usually to the extent of

(A) not more than 80% (B) ~~not less than 80%~~
(C) not more than 20% (D) atleast 20%
(E) Answer not known

145. The upper most weathered layer of the earth's crust is known as

(A) Surface (B) Land
(C) ~~Soil~~ (D) Rock
(E) Answer not known

146. Which one is not suitable for pulpwood?

(A) Bamboo (B) Eucalyptus
(C) Casuarina (D) ~~Mahagony~~
(E) Answer not known

147. It has been estimated that light used in photosynthesis is _____ of the light energy incident on well-illuminated leaves.

(A) Less than 2% (B) Less than 4%
(C) More than 2% (D) More than 4%
(E) Answer not known

148. In regeneration map, the blue colour represents

(A) Excellent regeneration (B) Good regeneration
(C) Moderate regeneration (D) Fair regeneration
(E) Answer not known

149. Coppice with standard system is applied in

(A) Sal forests (B) Teak forests
(C) Cedar forests (D) Bamboo forests
(E) Answer not known

150. Species example for prop roots

(A) Ficus sp (B) Bamboo sp
(C) Rhizophora sp (D) Heritier sp
(E) Answer not known

151. Schneider's Formula is used for determining

(A) Increment percent (B) Quality increment
(C) Price increment (D) Volume increment
(E) Answer not known

152. Identify the scale used in preparation of stock map
(A) 1 : 15000 (B) 1 : 5000
(C) 1 : 50000 (D) 1 : 20000
(E) Answer not known

153. The butt end of a tree resembles like a following geometric solid
(A) Neiloid (B) Cone
(C) Paraboloid (D) Trapezium
(E) Answer not known

154. In traditional measurement, Avamana indicates
(A) Weight measurement (B) Linear measurement
(C) Time measurement (D) Volume measurement
(E) Answer not known

155. In which method of yield regulation, enumeration is carried out down to the diameter corresponding to half the rotation?
(A) Howard's formula (B) Masson's formula
(C) Non Mendel's formula (D) Simonic formula
(E) Answer not known

156. One hectare is equal to
(A) 2.47 acres (B) 2.54 acres
(C) 2.49 acres (D) 2.59 acres
(E) Answer not known

157. In the Relative check of volume table, the difference should not exceed _____ percent.

(A) 5% (B) 10%
(C) 8% (D) ~~3%~~
(E) Answer not known

158. The tabulated, reliable and satisfactory tree information, related to the required unit. Respectively unit, of assessments in hierachic order is known as

(A) Forest Mensuration (B) Forest Management
(C) ~~Forest Inventory~~ (D) Forest Surveying
(E) Answer not known

159. Identify the formula used to estimate the quality percent

(A) $\left(\frac{K-k}{K+k}\right) \times \frac{600}{n}$ (B) $\left(\frac{K+k}{K-k}\right) \times \frac{200}{n}$
(C) ~~$\left(\frac{K-k}{K+k}\right) \times \frac{200}{n}$~~ (D) $\left(\frac{K-k}{K+k}\right) \times \frac{300}{n}$
(E) Answer not known

160. Who was the first person in India named as conservator of forests?

(A) Brandis (B) O' Conolly
(C) ~~Watson~~ (D) Simmon
(E) Answer not known

161. The Canopy density with 0.4 to 0.59 indicates the status of

(A) Fairly dense (B) Dense
(C) Closed (D) ~~Thin~~
(E) Answer not known

162. Find out the colour, for regeneration map when the regeneration status is good

(A) Blue (B) Green
(C) Yellow (D) Red
(E) Answer not known

163. In JFM, the general body should have atleast _____ % woman member.

(A) 30% (B) 20%
(C) 50% (D) 10%
(E) Answer not known

164. Name the current year seedlings in the regeneration survey

(A) Sub. whippy (B) Whippy
(C) Blank (D) Recruit
(E) Answer not known

165. Name the lable that give the taper directly for diameter at breast height without reference to the free form.

(A) Ordinary taper tables (B) Form class taper lables
(C) Height taper table (D) Form quotient table
(E) Answer not known

166. The Instrument used in horizontal point sampling to determine baral area.

(A) Wedge prism (B) Range Finder
(C) Altimeter (D) Abney's level
(E) Answer not known

172. The smallest functional territorial unit in forest management.

(A) Section (B) Range
(C) Compartment (D) ~~Beat~~
(E) Answer not known

173. Forest and wildlife were brought under concurrent list as per the following schedule.

(A) Schedule II (B) ~~Schedule VII~~
(C) Schedule VIII (D) Schedule IV
(E) Answer not known

174. The progressive yield concept was attributable to

(A) Dietrich Brandis (B) ~~Hartig~~
(C) Von Montel (D) Conolley
(E) Answer not known

175. Pick the formula for calculating sampling intensity (I)

(A) ~~I = W/D × 100~~ (B) $I = D/W \times 100$
(C) $I = D \times W \times 100$ (D) $I = 2D/W \times 100$
(E) Answer not known

176. Flexibility of wood refers to

(A) Capacity of wood to withstand implements like axe
(B) ~~Capacity of wood to bend out of shape without rupture~~
(C) Ability of wood to regain its original shape upon stress
(D) The resistance offered to penetration by any foreign material
(E) Answer not known

177. Identify the correct statement

- (A) Strength of wood is correlated to texture
- (B) Under similar conditions heartwood is more durable than sapwood
- (C) All woods have similar dimensional stability
- (D) Texture of wood is due to the extraction present in the heartwood
- (E) Answer not known

178. Identify the incorrect statement

- (A) Wood is an isotropic material
- (B) Wood is hygroscopic in nature
- (C) Wood is non-porous in nature
- (D) Wood is bio-degradable
- (E) Answer not known

179. In timber transportation, "boom" refers to

- (A) Skidding
- (B) Floating
- (C) Floating obstruction
- (D) Rafting
- (E) Answer not known

180. Ground lead skidding system was first used in

- (A) Madras
- (B) Calcutta
- (C) Ahmedabad
- (D) Bombay
- (E) Answer not known

181. Auction in which an auctioneer commences with a prohibitively high price and then progressively calling out, at regular intervals by reducing a fixed sum until one of the purchasers accepts the last price proclaimed by the auctioneer is termed as

(A) Public auction (B) Private auction
(C) Dutch auction (D) Market auction
(E) Answer not known

182. Extraction with roots is carried out in

(A) Teak (B) Sandal
(C) Shisham (D) Bamboos
(E) Answer not known

183. Bow saw is also called as

(A) One man saw (B) Two men saw
(C) Pruning saw (D) Raker toothed saw
(E) Answer not known

184. Logging Training Centre was opened in 1958-59 at

(A) New Delhi (B) Dehradun
(C) Batote (D) Imphal
(E) Answer not known

185. Kerf refers to

(A) A type of log sale process (B) Cutting width of a saw blade
(C) Volume of a standard log (D) Arrangement of teeth in a saw
(E) Answer not known

191. For generation of one megawatt of power, _____ tonnes of bamboos are required.

(A) 3 tonnes (B) 1.5 tonnes
(C) 3.5 tonnes (D) 2 tonnes
(E) Answer not known

192. Most of the World's supply of light leather is tanned by

(A) Chloride process (B) Chrome process
(C) Sulphate process (D) Sulphite process
(E) Answer not known

193. Gums obtained from *sterculia* species are termed as

(A) Gum Arabic (B) Ghatti gum
(C) Katira gum (D) Semal gum
(E) Answer not known

194. Fibres generally occur as

(A) Parenchyma cells (B) Sclerenchyma cells
(C) Cellulosic fibres (D) Threads
(E) Answer not known

195. Kamela dye is extracted from _____ of *Mallotus Phillipensis*.

(A) Root (B) Flower
(C) Heartwood (D) Fruit
(E) Answer not known

196. Which of the following chemicals is not used in paper manufacture?
(A) Sodium Chloride (B) Calcium Bisulphite
(C) Sodium Hydroxide (D) Sodium Sulphide
(E) Answer not known

197. The first Paper Mill was established in India at
(A) Bhadra Chalaro (B) Pugalur
(C) Sree Rampur (D) Erode
(E) Answer not known

198. The average number of bamboos carried in a raft is
(A) 10,000 (B) 25,000
(C) 50,000 (D) 75,000
(E) Answer not known

199. Wastage of timber due to use of axe is in the tune of
(A) 20% (B) 90%
(C) 50% (D) 15%
(E) Answer not known

200. Defect caused in timber due to inclusion with the wood of local wounds that have healed up
(A) Pith pocket (B) Mineral streak
(C) Rind galls (D) Occlusion
(E) Answer not known