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National Testing Agency

Question Paper Name :	FORESTRY AGROFORESTRY SILVICULTURE 23rd Sep 2020 Shift 1 Set 2
Subject Name :	FORESTRY AGROFORESTRY SILVICULTURE
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FORESTRY AGROFORESTRY SILVICULTURE

Group Number :	1
Group Id :	21052911
Group Maximum Duration :	0
Group Minimum Duration :	120
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	480
Is this Group for Examiner? :	No

FORESTRY AGROFORESTRY SILVICULTURE

Section Id :	21052915
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	120
Number of Questions to be attempted :	120
Section Marks :	480
Display Number Panel :	Yes
Group All Questions :	Yes
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	21052915
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 2105291261 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

The temporal arrangement of components in Shifting Cultivation is

1. Intermittent
2. Coincident
3. Overlapping
4. Separate

Options :

2105295041. 1
2105295042. 2

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2105295043. 3
2105295044. 4

Question Number : 2 Question Id : 2105291262 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

According the Forest Survey of India (2019), the growing stock of wood in the country is

1. 55.96 m^3ha^{-1}
2. 49.60 m^3ha^{-1}
3. 32.60 m^3ha^{-1}
4. 106.52 m^3ha^{-1}

Options :

2105295045. 1
2105295046. 2
2105295047. 3
2105295048. 4

Question Number : 3 Question Id : 2105291263 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

In forest inventory, the total enumeration is essential under the following situation

1. A vast area having single species
2. Clonal plantation of a large area
3. Seedling plantation of a large area
4. Miscellaneous forest with a large number of species

Options :

2105295049. 1

2105295050. 2
2105295051. 3
2105295052. 4

Question Number : 4 Question Id : 2105291264 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Which one of the following is a Non-random sampling method?

1. Simple Random Sampling
2. List Sampling
3. Sampling with varying probability
4. Sequential Sampling

Options :
2105295053. 1
2105295054. 2
2105295055. 3
2105295056. 4

Question Number : 5 Question Id : 2105291265 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The ratio between average crown area available to a tree in a stand and the maximum crown area that the tree would have obtained in the absence of any competition is called

1. Crown density
2. Crown competition factor
3. Crown point
4. Crown area index

Options :

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2105295057. 1
2105295058. 2
2105295059. 3
2105295060. 4

Question Number : 6 Question Id : 2105291266 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The concept of counting from a random point, the number of trees whose breast height cross-section exceeds a certain critical angle when multiplied by a constant factor to give an unbiased estimate of basal area per hectare is proved by

1. Gingritch
2. Bitterlich
3. Zobel
4. Metzer

Options :

2105295061. 1
2105295062. 2
2105295063. 3
2105295064. 4

Question Number : 7 Question Id : 2105291267 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Presently, the use of remote sensing and geographic information system is NOT developed to assess the following

1. Change in forest cover
2. Forest resource estimation and harvesting
3. Forest resource protection
4. Changes in the wildlife population

Options :

2105295065. 1
2105295066. 2
2105295067. 3
2105295068. 4

Question Number : 8 Question Id : 2105291268 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Form quotient which explains tree stem form is given by

1. A.N. Chaturvedi
2. Metzer
3. Huber
4. Schiffel

Options :

2105295069. 1
2105295070. 2
2105295071. 3
2105295072. 4

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Question Number : 9 Question Id : 2105291269 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

In Indian forestry, the unit of measurement in the Metric system was introduced during

1. 1958
2. 1962
3. 1947
4. 1980

Options :

2105295073. 1
2105295074. 2
2105295075. 3
2105295076. 4

Question Number : 10 Question Id : 2105291270 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Ring growth of a predominate or vigorous tree with a strongly well-developed crown

1. Increases basipetally
2. Decreases basipetally
3. Is approximately equal along the length of the stem
4. Does not follow a specific trend

Options :

2105295077. 1
2105295078. 2
2105295079. 3
2105295080. 4

Question Number : 11 Question Id : 2105291271 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Volume table applicable to large areas is based on at least

1. One variable
2. Three variables
3. Four variables
4. Two variables

Options :

2105295081. 1
2105295082. 2
2105295083. 3
2105295084. 4

Question Number : 12 Question Id : 2105291272 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The diameter corresponding to the mean basal area of a group of trees is

1. Crop diameter
2. Mean diameter
3. Top diameter
4. Quadratic mean diameter

Options :

2105295085. 1
2105295086. 2
2105295087. 3

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2105295088. 4

Question Number : 13 Question Id : 2105291273 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The ratio of sample to the whole population is called

1. Sampling unit
2. Partial sampling
3. Sample inventory
4. Sampling fraction

Options :

2105295089. 1
2105295090. 2
2105295091. 3
2105295092. 4

Question Number : 14 Question Id : 2105291274 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Approximately, how many plants can be planted in 27 ha of land in Quincunx type of planting with an espacement of 3 m X 3 m?

1. 30,000
2. 40,000
3. 50,000
4. 60,000

Options :

2105295093. 1
2105295094. 2
2105295095. 3
2105295096. 4

Question Number : 15 Question Id : 2105291275 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which among the following is NOT a tending operation?

1. Weeding
2. Thinning
3. Soil working
4. Cleaning

Options :

2105295097. 1
2105295098. 2
2105295099. 3
2105295100. 4

Question Number : 16 Question Id : 2105291276 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

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Passing an angled horizontal blade beneath a nursery at a specified depth to cut newly penetrating roots and loosen the soil is

1. Root pruning
2. Wrenching
3. Window lifting
4. Side cutting

Options :

2105295101. 1
2105295102. 2
2105295103. 3
2105295104. 4

Question Number : 17 Question Id : 2105291277 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which one of the following is the seed treatment carried out to treat exogenous dormancy?

1. Stratification
2. Scarification
3. Vernalization
4. Chemical treatment

Options :

2105295105. 1
2105295106. 2
2105295107. 3
2105295108. 4

Question Number : 18 Question Id : 2105291278 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Which one of the following is also known as single stem silviculture?

1. Free thinning
2. Advance thinning
3. Crown thinning
4. Ordinary thinning

Options :

2105295109. 1
2105295110. 2
2105295111. 3
2105295112. 4

Question Number : 19 Question Id : 2105291279 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

In general, the area of the nursery is what percentage range of the plantation area?

1. 0.25 to 0.50
2. 0.50 to 2.50
3. 0.25 to 2.00
4. 0.25 to 2.50

Options :

2105295113. 1
2105295114. 2
2105295115. 3
2105295116. 4

Question Number : 20 Question Id : 2105291280 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Natural regeneration of which one of the following species takes place through viviparous germinated propagules?

1. *Calophyllum inophyllum*
2. *Rhizophora apiculata*
3. *Ailanthus tryphysa*
4. *Mammea suriga*

Options :

2105295117. 1
2105295118. 2
2105295119. 3
2105295120. 4

Question Number : 21 Question Id : 2105291281 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

A plantation containing 15,000 trees is established with a spacing of 2 m x 2 m. The number of trees that could be retained after two mechanical thinning in that plantation is

1. 5000
2. 4750
3. 3750
4. 1250

Options :

2105295121. 1
2105295122. 2
2105295123. 3
2105295124. 4

Question Number : 22 Question Id : 2105291282 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Seeding felling aims to retain

1. Underdeveloped trees
2. Diseased trees
3. Fruit less trees
4. Healthy trees

Options :
2105295125. 1
2105295126. 2
2105295127. 3
2105295128. 4

Question Number : 23 Question Id : 2105291283 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

In India, the first teak plantation was established at

1. Sakrebail, Karnataka
2. Nilambur, Kerala
3. Allapalli, Maharashtra
4. Haldwani, Uttarakhand

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Options :

2105295129. 1
2105295130. 2
2105295131. 3
2105295132. 4

Question Number : 24 Question Id : 2105291284 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The crown and other woody vegetation intercept what per cent of the total precipitation?

1. 35-40 %
2. 40-50 %
3. 15-30 %
4. 5-10 %

Options :

2105295133. 1
2105295134. 2
2105295135. 3
2105295136. 4

Question Number : 25 Question Id : 2105291285 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

To get natural regeneration, teak plantation is mainly managed under

1. Clear felling system
2. Shelter wood system
3. Wedge system
4. Simple Coppice system

Options :

2105295137. 1
2105295138. 2
2105295139. 3
2105295140. 4

Question Number : 26 Question Id : 2105291286 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Which one of the following species is known for adaptation to a wide range of soil conditions?

1. *Acacia auriculiformis*
2. *Dipterocarpus indicus*
3. *Tectona grandis*
4. *Terminalia alata*

Options :

2105295141. 1
2105295142. 2
2105295143. 3
2105295144. 4

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Question Number : 27 Question Id : 2105291287 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which one of the following is the best-known growth promoter in vegetative propagation of tree species?

1. GA_3
2. IBA
3. Ethylene
4. ABA

Options :

2105295145. 1
2105295146. 2
2105295147. 3
2105295148. 4

Question Number : 28 Question Id : 2105291288 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The recommended Silvicultural system for roadside plantation is

1. Clear felling
2. Shelter wood system
3. Simple coppice system
4. Coppice with reserve system

Options :

2105295149. 1
2105295150. 2

2105295151. 3
2105295152. 4

Question Number : 29 Question Id : 2105291289 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

According to FAO (2015), carbon sequestration potential (in tons per ha) of the global forests is

1. 104
2. 74
3. 84
4. 64

Options :

2105295153. 1
2105295154. 2
2105295155. 3
2105295156. 4

Question Number : 30 Question Id : 2105291290 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Natural regeneration of pioneer species could take place on a site which is

1. Totally exposed
2. Partially exposed
3. Thick canopy
4. Thin canopy

Options :

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2105295157. 1
2105295158. 2
2105295159. 3
2105295160. 4

Question Number : 31 Question Id : 2105291291 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

According to FAO (2015), the per capita forest cover of the world is

1. 0.60 ha
2. 1.20 ha
3. 1.00 ha
4. 0.80 ha

Options :

2105295161. 1
2105295162. 2
2105295163. 3
2105295164. 4

Question Number : 32 Question Id : 2105291292 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Giant evergreen forests found in the Western Ghats of India are the example of

1. Climatic climax
2. Edaphic climax
3. Topographic climax
4. Biotic climax

Options :

2105295165. 1
2105295166. 2
2105295167. 3
2105295168. 4

Question Number : 33 Question Id : 2105291293 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

As per the Forest Survey of India (2019), the forest and tree cover outside the forest in the country is what per cent of the total geographical area?

1. 21.38
2. 24.56
3. 19.57
4. 28.20

Options :

2105295169. 1
2105295170. 2
2105295171. 3
2105295172. 4

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Question Number : 34 Question Id : 2105291294 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

The process of establishment of a plant in newly formed sites, from germination to its reproduction is known as

1. Aggregation
2. Ecesis
3. Reaction
4. Competition

Options :
2105295173. 1
2105295174. 2
2105295175. 3
2105295176. 4

Question Number : 35 Question Id : 2105291295 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

One of the salient features of the 1894 Forest Policy refers to

1. Timber extraction
2. Commercial Forestry
3. Preservation of forests for climatic and physical conditions of the country
4. Industrial wood production

Options :
2105295177. 1
2105295178. 2

2105295179. 3
2105295180. 4

Question Number : 36 Question Id : 2105291296 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Upper limit of altitude beyond which trees are generally NOT found is called

1. Tree line
2. Base line
3. Taiga
4. Savanna

Options :
2105295181. 1
2105295182. 2
2105295183. 3
2105295184. 4

Question Number : 37 Question Id : 2105291297 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Standard deviation is must to determine

1. Median
2. Mode
3. Mean
4. Coefficient variation

Options :
2105295185. 1

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2105295186. 2
2105295187. 3
2105295188. 4

Question Number : 38 Question Id : 2105291298 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Which one of the following is NOT the basic principle of experimentation?

1. Randomization
2. Replication
3. Segregation
4. Local control

Options :
2105295189. 1
2105295190. 2
2105295191. 3
2105295192. 4

Question Number : 39 Question Id : 2105291299 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Randomized Complete Block Design is NOT suitable for which one of the following experiments?

1. Spacing trial
2. Provenance trial
3. Spacing cum irrigation trials
4. Nursery trials

Options :

2105295193. 1
2105295194. 2
2105295195. 3
2105295196. 4

Question Number : 40 Question Id : 2105291300 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Latin Square Design is suitable under which one of the following conditions?

1. When the number of treatments is more than 10
2. When the number of treatments is less than 3
3. If the land has variation in two directions
4. If the land is highly undulated

Options :

2105295197. 1
2105295198. 2
2105295199. 3
2105295200. 4

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Question Number : 41 Question Id : 2105291301 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The statistical tool devised to assess the relationship between dependent and independent variables is

1. Correlation analysis
2. Regression analysis
3. Analysis of variance
4. F test

Options :

2105295201. 1
2105295202. 2
2105295203. 3
2105295204. 4

Question Number : 42 Question Id : 2105291302 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which one of the following functional classifications of agroforestry systems, aims at ameliorating climate, wind and water erosion and improving soil fertility?

1. Protective agroforestry
2. Productive agroforestry
3. Multipurpose agroforestry
4. Home gardens

Options :

2105295205. 1

2105295206. 2
2105295207. 3
2105295208. 4

Question Number : 43 Question Id : 2105291303 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

As per which of the following, was the idea of social forestry discussed in order to meet the growing demand for firewood needs of the community?

1. National Commission on Agriculture (1976)
2. Forest Policy of 1952
3. Forest Policy of 1988
4. Joint Forest Planning and Management, 1991

Options :
2105295209. 1
2105295210. 2
2105295211. 3
2105295212. 4

Question Number : 44 Question Id : 2105291304 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which one of the following is NOT an example of nitrogen fixing fast growing tree species?

1. *Acacia mangium*
2. *Leucaena leucocephala*
3. *Calliandra callothyrsus*
4. *Cassia fistula*

Options :
2105295213. 1
2105295214. 2
2105295215. 3
2105295216. 4

Question Number : 45 Question Id : 2105291305 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

In India, the total area under potential agroforestry practices is

1. 14.00 m ha
2. 14.23 m ha
3. 14.50 m ha
4. 15.00 m ha

Options :
2105295217. 1
2105295218. 2
2105295219. 3

Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The ratio of height and width of trees in shelterbelt should be

1. 1:10
2. 2:10
3. 3:10
4. 4:10

2105295220. 4

Question Number : 46 Question Id : 2105291306
Options :
2105295221. 1
2105295222. 2
2105295223. 3
2105295224. 4

Question Number : 47 Question Id : 2105291307 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The ICRAF was established during the year

1. 2001
2. 1992
3. 1978
4. 1987

Options :

Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The component of the intermediate layer of 3-10 m height in homegarden is

1. Vegetable crop
2. Agricultural crop
3. Short rotation tree crop
4. Fruit trees

2105295225. 1
2105295226. 2
2105295227. 3
2105295228. 4

Question Number : 48 Question Id : 2105291308
Options :
2105295229. 1
2105295230. 2
2105295231. 3
2105295232. 4

Question Number : 49 Question Id : 2105291309 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Allelochemicals produced by plants are

1. Primary plant metabolites
2. Growth promoters
3. Secondary plant metabolites
4. Plant nutrients

Options :
2105295233. 1
2105295234. 2
2105295235. 3
2105295236. 4

Question Number : 50 Question Id : 2105291310

Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The agroforestry system which satisfies the basic needs of farmers and is self-managed by them

1. Commercial
2. Intermediate
3. Industrial
4. Subsistence

Options :
2105295237. 1
2105295238. 2
2105295239. 3
2105295240. 4

Question Number : 51 Question Id : 2105291311 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Poplar-based agroforestry practices in north India are in the form of

1. Bund planting
2. Alley cropping
3. Scattered planting
4. Block planting

Options :
2105295241. 1
2105295242. 2
2105295243. 3

Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

One of the desirable criteria for the selection of ideal tree species for agroforestry is

1. Deep root system
2. Higher canopy
3. Large crown
4. Lateral root system

2105295244. 4

Question Number : 52 Question Id : 2105291312
Options :
2105295245. 1
2105295246. 2
2105295247. 3
2105295248. 4

Question Number : 53 Question Id : 2105291313 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Shading effect of trees can be minimized by

1. Root management
2. Irrigation
3. Fertigation
4. Canopy manipulation

Options :
2105295249. 1
2105295250. 2
2105295251. 3
2105295252. 4

National Agroforestry Policy was enacted during the year

1. 2019
2. 2018
3. 2017
4. 2014

Question Number : 54 Question Id : 2105291314 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1
Options :
2105295253. 1
2105295254. 2
2105295255. 3
2105295256. 4

Question Number : 55 Question Id : 2105291315 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Set of two crops known for shade tolerance and growing as intercrop in an agroforestry system is

1. Greengram and blackgram
2. Brinjal and tomato
3. Turmeric and ginger
4. Soybean and groundnut

Options :
2105295257. 1

Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

2105295258. 2
2105295259. 3
2105295260. 4

Question Number : 56 Question Id : 2105291316

The tree species helpful for the improvement of drainage from waterlogged conditions is called

1. Hydrophyllic
2. Waterloggers
3. Phreatophytic
4. Aquatic

Options :
2105295261. 1
2105295262. 2
2105295263. 3
2105295264. 4

Question Number : 57 Question Id : 2105291317 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Ideal tree species for cut and carry fodder is

1. *Leucaena leucocephala*
2. *Dalbergia latifolia*
3. *Terminalia chebula*
4. *Chrysophyllum roxburghii*

Options :
2105295265. 1
2105295266. 2
2105295267. 3

Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which one of the following important tree species is known for tendu leaves?

1. *Diospyros melanoxylon*
2. *Butea monopserma*
3. *Schleichera oleosa*
4. *Hardwickia binate*

2105295268. 4

Question Number : 58 Question Id : 2105291318
Options :
2105295269. 1
2105295270. 2
2105295271. 3
2105295272. 4

Question Number : 59 Question Id : 2105291319 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Smothering of one group of plants by another group of plants through secretion of certain chemicals is known as

1. Commensalism
2. Symbiosis
3. Allelopathy
4. Mutualism

Options :
2105295273. 1
2105295274. 2
2105295275. 3

The best example for Silvipastoral system is

1. Protein bank
2. Home garden
3. Shelter belt
4. Block plantation

2105295276. 4

Question Number : 60 Question Id : 2105291320

Options :

2105295277. 1
2105295278. 2
2105295279. 3
2105295280. 4

Question Number : 61 Question Id : 2105291321 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which of the following is an ideal host tree species for lac cultivation?

1. *Butea monopserma*
2. *Madhuca latifolia*
3. *Lagerstroemia microcarpa*
4. *Gmelina arborea*

Options :

2105295281. 1
2105295282. 2
2105295283. 3

Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

2105295284. 4

Question Number : 62 Question Id : 2105291322 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The most preferred bamboo species for cottage industries is

1. *Dendrocalamus stocksii*
2. *Dendrocalamus brandissi*
3. *Bambusa vulgaris*
4. *Dendrocalamus asper*

Options :
2105295285. 1
2105295286. 2
2105295287. 3
2105295288. 4

Question Number : 63 Question Id : 2105291323 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Establishment of Shelterbelts/Windbreaks is most useful in which one of the following areas?

1. Humid
2. Arid and semi-arid
3. Temperate
4. Alpine

Options :
2105295289. 1
2105295290. 2
2105295291. 3
2105295292. 4

Question Number : 64 Question Id : 2105291324 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The best example for self-pruning species is

1. *Vateria indica*
2. *Tectona grandis*
3. *Acacia mangium*
4. *Eucalyptus camaldulensis*

Options :
2105295293. 1
2105295294. 2
2105295295. 3
2105295296. 4

Question Number : 65 Question Id : 2105291325 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which one of the following species has the ability to shed the leaves during monsoon season and is preferred for inclusion in agroforestry practices of drier areas?

1. *Faidherbia albida*
2. *Tectona grandis*
3. *Syzygium cuminii*
4. *Artocarpus heterphyllus*

Options :
2105295297. 1
2105295298. 2
2105295299. 3
2105295300. 4

Question Number : 66 Question Id : 2105291326 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

The United Nations Frame Work Convention on Climate Change is also called

1. Kyoto protocol
2. Vienna convention
3. Earth summit
4. Water summit

Correct Marks : 4 Wrong Marks : 1

Options :

2105295301. 1
2105295302. 2
2105295303. 3
2105295304. 4

Question Number : 67 Question Id : 2105291327 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which one of the following is not a pollutant?

1. Carbon dioxide
2. Carbon monoxide
3. Ozone
4. Sulphur dioxide

Options :

2105295305. 1
2105295306. 2
2105295307. 3
2105295308. 4

Question Number : 68 Question Id : 2105291328 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

World Ozone Day is celebrated on

1. 11th September
2. 11th October
3. 16th September
4. 16th October

Correct Marks : 4 Wrong Marks : 1

Options :

2105295309. 1
2105295310. 2
2105295311. 3
2105295312. 4

Question Number : 69 Question Id : 2105291329 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Eutrophication is a phenomenon associated with pollution of

1. Noise
2. Radiation
3. Air
4. Water

Options :

2105295313. 1
2105295314. 2
2105295315. 3
2105295316. 4

Question Number : 70 Question Id : 2105291330 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

It is predicted that by the year 2040, the concentration (in ppm) of carbon dioxide in the atmosphere will be

1. 50
2. 270
3. 450
4. 700

Options :

2105295317. 1
2105295318. 2
2105295319. 3
2105295320. 4

Question Number : 71 Question Id : 2105291331 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Macro Design and Diagnostic survey in agroforestry is aimed at

1. Country level
2. Regional level
3. State level
4. Local level

Options :

2105295321. 1
2105295322. 2
2105295323. 3
2105295324. 4

Keoladeo National Park is situated in the following state

1. Orissa
2. Rajasthan
3. Assam
4. Uttar Pradesh

Question Number : 72 Question Id : 2105291332 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1
Options :
2105295325. 1
2105295326. 2
2105295327. 3
2105295328. 4

Question Number : 73 Question Id : 2105291333 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

According to latest report of Wildlife Institute of India (2019), the total number of National Parks in India is

1. 84
2. 77
3. 104
4. 98

Options :
2105295329. 1
2105295330. 2
2105295331. 3
2105295332. 4

Which one of the following is the tree improvement method without progeny testing?

1. Family selection
2. Reciprocal recurrent selection
3. Mass selection
4. Sib selection

Question Number : 74 Question Id : 2105291334 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1
Options :
2105295333. 1
2105295334. 2
2105295335. 3
2105295336. 4

Question Number : 75 Question Id : 2105291335 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The ideal method of vegetative propagation for pulpwood species is

1. Grafting
2. Budding
3. Air layering
4. Rooting of cuttings

Options :
2105295337. 1
2105295338. 2
2105295339. 3
2105295340. 4

Breeding value of an individual is

1. Thrice the general combining ability
2. Twice the specific combining ability
3. Twice the general combining ability
4. Thrice the specific combining ability

Question Number : 76 Question Id : 2105291336 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1
Options :
2105295341. 1
2105295342. 2
2105295343. 3
2105295344. 4

Question Number : 77 Question Id : 2105291337 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The concept of progeny testing was developed by

1. Mendel
2. Vavilov
3. de-Vilmorin
4. Johansson

Options :
2105295345. 1
2105295346. 2
2105295347. 3
2105295348. 4

The ideal method of developing disease resistance trees is

1. Heterosis breeding
2. Recurrent breeding
3. Back crossing
4. Mass selection

Question Number : 78 Question Id : 2105291338 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1
Options :
2105295349. 1
2105295350. 2
2105295351. 3
2105295352. 4

Question Number : 79 Question Id : 2105291339 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1
Which of the following terms refers to a mother plant from which the vegetative propagules are taken for propagation?

1. Ramet
2. Clone
3. Ortet
4. Steckling

Options :
2105295353. 1
2105295354. 2
2105295355. 3

Most of the tropical trees have the characteristic of

1. Inbreeding
2. Homozygous
3. Selfing
4. Out crossing

2105295356. 4

Question Number : 80 Question Id : 2105291340 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1
Options :
2105295357. 1
2105295358. 2
2105295359. 3
2105295360. 4

Question Number : 81 Question Id : 2105291341 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

A system of crossing which is used to develop progenies of a certain kind that serves to predict the genetic worthiness of their parents is

1. Progeny trial
2. Mating design
3. Provenance trial
4. Family testing

Options :
2105295361. 1
2105295362. 2

2105295363. 3
2105295364. 4

Question Number : 82 Question Id : 2105291342 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which one of the following factors is NOT considered for seed quality assessment in forest trees?

1. Genetic purity
2. Physical purity
3. Physiological purity
4. Seed pedigree

Options :
2105295365. 1
2105295366. 2
2105295367. 3
2105295368. 4

Question Number : 83 Question Id : 2105291343 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Identify the design in which groups of parents of one sex are mated to members of the other sex

1. Full diallel design
2. Single pair mating design
3. Partial diallel design
4. Hierarchical mating design

Which one of the following forces usually reduces variability in the natural forest?

1. Gene flow
2. Mutation
3. Natural selection
4. Gene migration

Options :
2105295369. 1
2105295370. 2
2105295371. 3
2105295372. 4

Question Number : 84 Question Id : 2105291344 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Options :
2105295373. 1
2105295374. 2
2105295375. 3
2105295376. 4

Question Number : 85 Question Id : 2105291345 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The mechanism of pollination in a tree through bats is called

1. Ornithophily
2. Entomophily
3. Anemophily
4. Chiropterophily

Options :
2105295377. 1
2105295378. 2
2105295379. 3
2105295380. 4

Question Number : 86 Question Id : 2105291346 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

The intraspecific groups of organisms with distinctive characters due to the local environment is

1. Genotypes
2. Ecotypes
3. Sub-species
4. Species

Options :
2105295381. 1
2105295382. 2
2105295383. 3
2105295384. 4

Question Number : 87 Question Id : 2105291347 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Shorea robusta is a best example for

1. Interlocked grain
2. Wavy grain
3. Spiral grain
4. Straight grain

Options :
2105295385. 1
2105295386. 2

Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

2105295387. 3
2105295388. 4

Question Number : 88 Question Id : 2105291348

The wood preservation process which is used for the treatment of sapwood of all green timbers is called

1. Boucherie process
2. Superficial process
3. Soaking and diffusion
4. Pressure process

Options :
2105295389. 1
2105295390. 2
2105295391. 3
2105295392. 4

Question Number : 89 Question Id : 2105291349 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which one of the following improved wood types, can be stored for the longest time?

1. Impregnated wood
2. Heat stabilized wood
3. Compressed wood
4. Chemically modified wood

Options :
2105295393. 1
2105295394. 2
2105295395. 3
2105295396. 4

Question Number : 90 Question Id : 2105291350
Options :
2105295397. 1
2105295398. 2
2105295399. 3
2105295400. 4

Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

The scientific way of wood preservation was introduced in India by

1. Dietrich Brandis
2. Ralph Pearson
3. Kamesam
4. Falkamesam

Question Number : 91 Question Id : 2105291351 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which one of the following tree species yields strong white fibres from the bark of the branches?

1. *Ficus bengalensis*
2. *Lannea coromandelica*
3. *Grewia optiva*
4. *Hopea odorata*

Options :

2105295401. 1
2105295402. 2
2105295403. 3
2105295404. 4

Question Number : 92 Question Id : 2105291352

Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which one of the following organisations developed Rill method of resin tapping?

1. CAFRI
2. IINRG
3. CIFOR
4. FRI

Options :
2105295405. 1
2105295406. 2
2105295407. 3
2105295408. 4

Question Number : 93 Question Id : 2105291353 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Biopesticide pyrethrum is obtained from

1. Fruits
2. Roots
3. Bark
4. Flower buds

Options :
2105295409. 1
2105295410. 2
2105295411. 3

Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Black dammar is produced from

1. *Hopea oderata*
2. *Hopea ponga*
3. *Vateria indica*
4. *Canarium strictum*

2105295412. 4

Question Number : 94 Question Id : 2105291354
Options :
2105295413. 1
2105295414. 2
2105295415. 3
2105295416. 4

Question Number : 95 Question Id : 2105291355 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which one of the following medicinal plants is known for treating all important diseases?

1. *Hedychium spincatum*
2. *Gymnema sylvestre*
3. *Panax ginseng*
4. *Gloriosa superba*

Options :

Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The tree species used for making cricket bats is

1. *Abies pindrow*
2. *Ceiba pentendra*
3. *Ailanthus excelsa*
4. *Salix alba*

2105295417. 1
2105295418. 2
2105295419. 3
2105295420. 4

Question Number : 96 Question Id : 2105291356
Options :
2105295421. 1
2105295422. 2
2105295423. 3
2105295424. 4

Question Number : 97 Question Id : 2105291357 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Fruits of which one of the following trees is known for controlling diabetes?

1. *Tamarindus indica*
2. *Emblica officinalis*
3. *Syzygium cumini*
4. *Artocarpus heterophyllus*

Options :
2105295425. 1
2105295426. 2
2105295427. 3
2105295428. 4

Question Number : 98 Question Id : 2105291358

Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The world's best timber for aircraft construction is

1. *Abies pindrow*
2. *Acer oblonogum*
3. *Ochroma pyramidalis*
4. *Artocarpus hirsuta*

Options :
2105295429. 1
2105295430. 2
2105295431. 3
2105295432. 4

Question Number : 99 Question Id : 2105291359 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Peru balsam is extracted from which one of the following species?

1. *Pinus roxburghii*
2. *Sterculia urens*
3. *Myroxylon pereirae*
4. *Acacia catechu*

Options :
2105295433. 1
2105295434. 2
2105295435. 3
2105295436. 4

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Tree species suitable for planting in marshy lands is

1. *Acacia auriculiformis*
2. *Albizia lebbek*
3. *Dalbergia latifolia*
4. *Terminalia arjuna*

Question Number : 100 Question Id : 2105291360 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Options :

2105295437. 1
2105295438. 2
2105295439. 3
2105295440. 4

Question Number : 101 Question Id : 2105291361 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Tree species suitable for planting in saline/sodic soils is

1. *Toona ciliata*
2. *Acacia nilotica*
3. *Mangifera indica*
4. *Terminalia alata*

Options :

2105295441. 1
2105295442. 2
2105295443. 3
2105295444. 4

Question Number : 102 Question Id : 2105291362 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is

Waterlogged and marshy areas cover what per cent of the geographical area (in m ha) of India?

1. 0.52
2. 2.66
3. 1.45
4. 1.11

Options :
2105295445. 1
2105295446. 2
2105295447. 3
2105295448. 4

Question Number : 103 Question Id : 2105291363 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which of the following insects causes leaf gall in eucalyptus?

1. *Leptocybe invasa*
2. *Hyblea purea*
3. *Hoplocerambyx spinicornis*
4. *Cossus cadambe*

Options :
2105295449. 1
2105295450. 2
2105295451. 3
2105295452. 4

Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Question Number : 104 Question Id : 2105291364 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Which one of the following species is known for bioremediation in saline/alkaline soils?

1. *Terminalia belerica*
2. *Casuarina equisetifolia*
3. *Melia dubea*
4. *Gmelina arborea*

Options :
2105295453. 1
2105295454. 2
2105295455. 3
2105295456. 4

Question Number : 105 Question Id : 2105291365 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Root-rot in *Shorea robusta* is caused by

1. *Pseudomonas*
2. *Polyporus*
3. *Ganoderma*
4. *Pythium*

Options :
2105295457. 1
2105295458. 2
2105295459. 3
2105295460. 4

Question Number : 106 Question Id : 2105291366 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Who among the following evolved a general formula applicable for all practical enumeration of growing stock?

1. Simmon
2. Brandis
3. Heyer
4. Smythie

Options :
2105295461. 1
2105295462. 2
2105295463. 3
2105295464. 4

Question Number : 107 Question Id : 2105291367 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Swiss method of yield regulation in irregular forests is calculated on the basis of which of the following?

1. Growing stock
2. Increment
3. Height and increment
4. Diameter class

Options :
2105295465. 1
2105295466. 2
2105295467. 3
2105295468. 4

Question Number : 108 Question Id : 2105291368 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

In India, the contribution of the forestry sector to GDP (in per cent) including other tangible benefits is

1. 10.7%
2. 4.1%
3. 8.6%
4. 1.7%

Options :

2105295469. 1
2105295470. 2
2105295471. 3
2105295472. 4

Question Number : 109 Question Id : 2105291369 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Von Mantel's formula for yield regulation is

1. Y = 8V/3r
2. Y = 2V/r-x
3. Y = 9V/4r
4. Y = 2 GS/r

Options :

2105295473. 1

Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Net Present Value (NPV) in forestry/agroforestry depends on

1. Present returns
2. Future returns
3. Present investment
4. Future investment

2105295474. 2
2105295475. 3
2105295476. 4

Question Number : 110 Question Id : 2105291370
Options :
2105295477. 1
2105295478. 2
2105295479. 3
2105295480. 4

Question Number : 111 Question Id : 2105291371 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The concept of JFPM was initiated for the first time in the state of

1. Karnataka
2. West Bengal
3. Rajasthan
4. Kerala

Options :
2105295481. 1
2105295482. 2
2105295483. 3
2105295484. 4

Which one of the following methods is most commonly used in forestry investment analysis?

1. Undeterministic discounted cash flow
2. Present cash flow
3. Deterministic discounted cash flow
4. Malthusian theory price analysis

Question Number : 112 Question Id : 2105291372 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1
Options :
2105295485. 1
2105295486. 2
2105295487. 3
2105295488. 4

Question Number : 113 Question Id : 2105291373 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1
According to Center for Science and Environment report (2017), the total timber wood production in India is

1. 26.20 million m^3
2. 36.50 million m^3
3. 55.25 million m^3
4. 70.90 million m^3

Options :
2105295489. 1
2105295490. 2

Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Which one of the following is NOT a part of regulating services of ecosystem?

1. Carbon sequestration and climate
2. Ecotourism
3. Pest and disease control
4. Waste decomposition and detoxification

2105295491. 3
2105295492. 4

Question Number : 114 Question Id : 2105291374
Options :
2105295493. 1
2105295494. 2
2105295495. 3
2105295496. 4

Question Number : 115 Question Id : 2105291375 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1
A trinity of norms of the normal forest do NOT deal with which one the following?

1. Normal growing stock
2. Normal age gradation
3. Normal rotation
4. Normal increment

Options :
2105295497. 1
2105295498. 2
2105295499. 3
2105295500. 4

Question Number : 116 Question Id : 2105291376 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which one of the following terms refers to saving the genes or gene complexes under artificial conditions?

1. *In-situ* conservation
2. *Ex-situ* conservation
3. *In-ex-situ* conservation
4. Restoration

Options :

2105295501. 1
2105295502. 2
2105295503. 3
2105295504. 4

Question Number : 117 Question Id : 2105291377 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

The most common method of planting to establish urban avenue is

1. Tall tree planting
2. Tall seedling planting
3. Normal seedling planting
4. Stump planting

Options :

2105295505. 1

Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which one of the following world forests is known to have highest alpha diversity?

1. Amazonian Ecuador Forest
2. Tropical Rain Forest
3. South African Forest
4. Temperate Forest

2105295506. 2
2105295507. 3
2105295508. 4

Question Number : 118 Question Id : 2105291378
Options :
2105295509. 1
2105295510. 2
2105295511. 3
2105295512. 4

Question Number : 119 Question Id : 2105291379 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1
Which one of the following is the measure of biodiversity which quantifies the variation in species found across landscapes?

1. Alpha diversity
2. Beta diversity
3. Gamma diversity
4. Ecosystem diversity

Options :
2105295513. 1
2105295514. 2
2105295515. 3

2105295516. 4

Question Number : 120 Question Id : 2105291380 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Question Type : MCQ Option Shuffling : No Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

How many categories are there in the red list of IUCN?

1. Four
2. Seven
3. Nine
4. Six

Options :

2105295517. 1
2105295518. 2
2105295519. 3
2105295520. 4

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