

PREVIEW QUESTION BANK

Module Name : FORESTRY AGROFOR SILVICULTURE-ENG
Exam Date : 14-Jul-2023 Batch : 10:00-12:00

Sr. No.	Client Question ID	Question Body and Alternatives	Marks	Negative Marks										
Objective Question														
1	1601	In Champion and Seth's (1968) classification of Forests, following sub group does not come under Tropical Moist Deciduous Forests (Group 3). 1. Andamans moist deciduous forests 2. South Indian moist deciduous forests 3. Northern tropical wet evergreen forests 4. North Indian moist deciduous forests A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00										
Objective Question														
2	1602	Match List I with List II <table><thead><tr><th>List I</th><th>List II</th></tr></thead><tbody><tr><td>(A). Tropical dry evergreen forests</td><td>(I). Group 09</td></tr><tr><td>(B). Subtropical pine forests</td><td>(II). Group 04</td></tr><tr><td>(C). Littoral and swamp forests</td><td>(III). Group 13</td></tr><tr><td>(D). Himalayan dry temperate forests</td><td>(IV). Group 07</td></tr></tbody></table> Choose the correct answer from the options given below: 1. (A) - (IV), (B) - (I), (C) - (II), (D) - (III) 2. (A) - (III), (B) - (IV), (C) - (I), (D) - (II) 3. (A) - (II), (B) - (IV), (C) - (III), (D) - (I) 4. (A) - (II), (B) - (III), (C) - (I), (D) - (IV) A1 : 1 A2 : 2 A3 : 3 A4 : 4	List I	List II	(A). Tropical dry evergreen forests	(I). Group 09	(B). Subtropical pine forests	(II). Group 04	(C). Littoral and swamp forests	(III). Group 13	(D). Himalayan dry temperate forests	(IV). Group 07	4.0	1.00
List I	List II													
(A). Tropical dry evergreen forests	(I). Group 09													
(B). Subtropical pine forests	(II). Group 04													
(C). Littoral and swamp forests	(III). Group 13													
(D). Himalayan dry temperate forests	(IV). Group 07													
Objective Question														
3	1603		4.0	1.00										

Rosin, soap along with aluminum sulphate and wax emulsions are added for _____ the paper.

1. Beating
2. Sizing
3. Loading
4. Colouring

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

4	1604	4.0	1.00
Which of the following species of wood is non refractory woods?			
1. <i>Anogeissus latifolia</i> 2. <i>Syzygium cumini</i> 3. <i>Boswellia serrata</i> 4. <i>Terminalia alata</i>			
A1 : 1			
A2 : 2			
A3 : 3			
A4 : 4			

Objective Question

5

1605

4.0

1.00

Match **List I** with **List II**

List I	List II
(A). Exceptionally strong wood	(I). <i>Anogeissus latifolia</i>
(B). Very strong wood	(II). <i>Boswellia serrata</i>
(C). Moderately strong wood	(III). <i>Xylia dolabroformis</i>
(D). Weak wood	(IV). <i>Cedrus deodara</i>

Choose the **correct** answer from the options given below:

1. (A) - (II), (B) - (III), (C) - (IV), (D) - (I)
2. (A) - (III), (B) - (I), (C) - (IV), (D) - (II)
3. (A) - (IV), (B) - (III), (C) - (I), (D) - (II)
4. (A) - (II), (B) - (IV), (C) - (I), (D) - (III)

A1 : 1

		A2 : 2		
		A3 : 3		
		A4 : 4		
Objective Question				
6	1606	Which one of the following seasoning method is used for surface drying of certain species of non refractory woods. 1. Kiln seasoning 2. Vertical stacking 3. Salt seasoning 4. Chemical seasoning A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
7	1607	Which one of the following is obtained from fruits of <i>Bixa orellana</i> 1. Henna dye 2. Annato 3. Red dye 4. Saffron A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
8	1608	_____ is a build up board having a core of light material, faced on both sides with a relatively thin layer of material having high strength properties. 1. Plywood 2. Laminated wood 3. Sandwich board 4. Fibre board A1 : 1 A2 : 2	4.0	1.00

		A3 : 3		
		A4 : 4		

Objective Question

9	1609	The floss obtained from _____ is known as Kapok. 1. <i>Cochlospermum religiosum</i> 2. <i>Bombax ceiba</i> 3. <i>Calotropis gigantea</i> 4. <i>Ceiba pentandra</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

10	1610	Camphor oil is obtained from wood and leaves of _____. 1. <i>Cinnamomum zeylanica</i> 2. <i>Cinnamomum camphora</i> 3. <i>Eucalyptus citriodora</i> 4. <i>Mentha arvensis</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

11	1611	_____ is a general term used for grass- covered plains in temperate zone. 1. Savannas 2. Steppe 3. Taiga 4. Tundra A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

12

1612

4.0

1.00

Match **List I** with **List II**

List I	List II
(A). Sahara Desert	(I). South Africa
(B). Gobi Desert	(II). South America
(C). Namib desert	(III). North Africa
(D). Patagonian desert	(IV). China

Choose the **correct** answer from the options given below:

1. (A) - (IV), (B) - (I), (C) - (III), (D) - (II)

2. (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

3. (A) - (II), (B) - (I), (C) - (IV), (D) - (III)

4. (A) - (II), (B) - (III), (C) - (IV), (D) - (I)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

131613

Match **List I** with **List II**

List I	List II
(A). Konai	(I). <i>Terminalia chebula</i>
(B). Myrobalan	(II). <i>Butea monosperma</i>
(C). Dhak	(III). <i>Cassia fistula</i>
(D). Avaram	(IV). <i>Cassia auriculata</i>

Choose the **correct** answer from the options given below:

1. (A) - (III), (B) - (IV), (C) - (II), (D) - (I)

2. (A) - (II), (B) - (III), (C) - (IV), (D) - (I)

3. (A) - (IV), (B) - (II), (C) - (III), (D) - (I)

4. (A) - (III), (B) - (I), (C) - (II), (D) - (IV)

A1 : 1

A2 : 2

A3 : 3

4.01.00

A4 : 4

Objective Question

141614

4.01.00

Match **List I** with **List II**

List I	List II
(A). Oxalic acid	(I). <i>Semicarpus anacardium</i>
(B). Soap nuts	(II). <i>Adenanthera pavonina</i>
(C). Bead seeds	(III). <i>Sapindus mukorossi</i>
(D). Marking nuts	(IV). <i>Terminalia tomentosa</i>

Choose the **correct** answer from the options given below:

1. (A) - (III), (B) - (I), (C) - (IV), (D) - (II)

2. (A) - (IV), (B) - (III), (C) - (II), (D) - (I)

3. (A) - (II), (B) - (IV), (C) - (I), (D) - (III)

4. (A) - (II), (B) - (III), (C) - (I), (D) - (IV)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

15	1615	_____ and _____ are two important products obtained from heartwood of <i>Acacia catechu</i>. - Lac and shellac - Turpentine and rosin - Katha and cutch - Pyrethrum and Rotenone A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

16	1616		4.0	1.00
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The total Forest Cover of India is _____ as per State of Forest Report, 2021.

1. 20.21% of geographical area
2. 20.71% of geographical area
3. 22.21% of geographical area
4. 21.71% of geographical area

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

17	1617	4.0	1.00
As per State of Forest Report 2021, <u>the total Forest and Tree Cover</u> of India is _____. 1. 21.71% of geographical area 2. 24.62% of geographical area 3. 24.21% of geographical area 4. 21.11% of geographical area A1 : 1 A2 : 2 A3 : 3 A4 : 4			

Objective Question

181618

4.01.00

Match **List I** with **List II**

List I	List II
(A). <i>Cinchona officinalis</i>	(I). Anti-Parkinsonian
(B). <i>Coleus forskohlii</i>	(II). Heart ailment
(C). <i>Mucuna pruriens</i>	(III). Malaria
(D). <i>Digitalis purpurea</i>	(IV). Hypertension

Choose the **correct** answer from the options given below:

1. (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

2. (A) - (I), (B) - (IV), (C) - (II), (D) - (III)

3. (A) - (II), (B) - (III), (C) - (I), (D) - (IV)

4. (A) - (IV), (B) - (II), (C) - (I), (D) - (III)

A1 : 1

		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

19	1619	As per State of Forest Report 2021 which state has maximum percentage of forest cover of their geographical area _____. 1. Meghalaya 2. Mizoram 3. Arunachal Pradesh 4. Manipur A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

20	1620	Minimum Error degrees of freedom required for a RBD is: 1. 12 2. 11 3. 14 4. 16 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

21	1621	The Head quarter of Forest Survey of India (FSI) is located at _____. 1. Bhopal 2. Dehradun 3. New Delhi 4. Jodhpur A1 : 1 A2 : 2 A3 : 3	4.0	1.00
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A4 : 4

Objective Question

22	1622	The shape of crown in Neem (<i>Azadirachta indica</i>) tree is _____. 1. Cylindrical 2. Spherical 3. Conical 4. Broad and flat topped A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

23	1623	According to Champion and Seth (1968) classification of forests, dry teak bearing forests comes under forest type _____. 1. Tropical Semi evergreen forests (Group 2) 2. Littoral and swamp forest (Group 4) 3. Tropical dry deciduous forests (Group 5) 4. Subtropical pine forests (Group 9) A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

24	1624		4.0	1.00
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Match **List I** with **List II**

List I	List II
(A). <i>Withania somnifera</i>	(I). Tropane
(B). <i>Atropa belladonna</i>	(II). Withaferin – A
(C). <i>Ammi majus</i>	(III). Rutin
(D). <i>Fagopyrum esculentum</i>	(IV). Xanthotoxin

Choose the **correct** answer from the options given below:

1. (A) - (II), (B) - (I), (C) - (IV), (D) - (III)
2. (A) - (III), (B) - (IV), (C) - (I), (D) - (II)
3. (A) - (IV), (B) - (III), (C) - (II), (D) - (I)
4. (A) - (III), (B) - (I), (C) - (IV), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

25 1625

4.0 1.00

Match **List I** with **List II**

List I	List II
(A). Rajasthan.	(I). Gond
(B). Manipur	(II). Birhor
(C). West Bengal	(III). Seharua
(D). Maharashtra	(IV). Nagas

Choose the **correct** answer from the options given below:

1. (A) - (III), (B) - (IV), (C) - (I), (D) - (II)
2. (A) - (IV), (B) - (III), (C) - (II), (D) - (I)
3. (A) - (III), (B) - (IV), (C) - (II), (D) - (I)
4. (A) - (IV), (B) - (III), (C) - (I), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

26

1626

4.0

1.00

Match **List-I** with **List-II**

List-I	List-II
(Terms.)	(Meaning)
(A). Clone	(I). Genetically similar individuals
(B). Phenotype	(II). Crossing between close relatives
(C). Genotype	(III). A tree which is actually growing
(D). Inbreeding	(IV). Trees express in terms of its genetic constitution

Choose the **correct** answer from the options given below:

1. (A) - (I), (B) - (II), (C) - (IV), (D) - (III)

2. (A) - (I), (B) - (III), (C) - (IV), (D) - (II)

3. (A) - (III), (B) - (IV), (C) - (II), (D) - (I)

4. (A) - (IV), (B) - (I), (C) - (II), (D) - (III)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

27	1627	Given below are two statements: Statement (I): Monoecious refers to the mechanism of production of male and female flowers at different times on the same tree. Statement (II): Dichogamy refers to the production of male and female flowers separately in two different trees. In light of the above statements, choose the <i>most appropriate</i> answer from the options given below. 1. Both Statement (I) and Statement (II) are correct. 2. Both Statement (I) and Statement (II) are incorrect. 3. Statement (I) is correct but Statement (II) is incorrect. 4. Statement (I) is incorrect but Statement (II) is correct. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

28	1628		4.0	1.00
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Arrange the steps of tissue culture (used for largescale multiplication of superior genotypes) in the correct order:

- A). Acclimatisation
- B). Establishment of aseptic culture
- C). Selection of media and growth regulator
- D). Root Induction
- E). Multiple shoot production

1. A, B, E, C, D

2. A, C, B, E, D

3. E, D, C, B, A

4. C, B, E, D, A

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

29	1629	Identify the interaction where both the species benefited. 1. Communalism 2. Neutralism 3. Proto-cooperation 4. Mutualism A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

30	1630	Identify the term in the following that refers to "the group of individuals within a family of a species" 1. Race 2. Clone 3. Population 4. Sibling A1 : 1 A2 : 2 A3 : 3	4.0	1.00
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A4 : 4

Objective Question

31	1631	Based on related mating concept, what should be the ideal number for selecting desired genotypes for each stand for its use in operational seed orchards? 1. One genotype 2. At least five genotypes 3. Ten genotypes 4. Not > 25 genotypes A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

32	1632	Which one of the following genetic tests is considered while grading superior trees as Elite trees? 1. Clonality testing 2. Provenance test 3. Progeny testing 4. Germination and viability test A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

33	1633	Given below are two statements related to graft incompatibility in forest trees, which could be due to: Statement (I): No matching between scion and root stock. Statement (II): No proper movement of nutrients and minerals from root stock to scion. In light of the above statements, choose the <i>most appropriate</i> answer from the options given below. 1. Both Statement (I) and Statement (II) are correct. 2. Both Statement (I) and Statement (II) are incorrect. 3. Statement (I) is correct but Statement (II) is incorrect. 4. Statement (I) is incorrect but Statement (II) is correct. A1 : 1 A2 : 2	4.0	1.00
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		A3 : 3		
		A4 : 4		
Objective Question				
34	1634	OECD refers to _____. 1. Organization for Economic Cooperation and Development 2. Organization for Extension of Clonal Development 3. Office of the Elite Clonal Depot 4. Organization for Ecological and Cooperative Development A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
35	1635	In tissue culture, most popular medium used is MS medium. Here, MS refers to the _____. 1. Manganese Sulfide Medium 2. Murashige & Skoog medium 3. Multiple Shoot producing medium 4. Miller & Smith medium A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
36	1636	The term that refers to "the individual plants which are derived from a single clone" is _____. 1. Culm 2. Ortet 3. Ramet 4. Seedlet A1 : 1 A2 : 2 A3 : 3	4.0	1.00

		A4 : 4		
Objective Question				
37	1637	_____ is a nonphotosynthetic plant organ or an organ that produces insufficient photosynthate to supply its own growth or needs of its storage. 1. Source 2. Sink 3. Branch 4. Storage organ A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
38	1638	Which one of the following hormones is inducing stomatal closure to avoid the loss of turgor during water deficit in plants? 1. IBA 2. IAA 3. GA 4. ABA A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
39	1639	_____ species concept aimed to conserve a single species as well as conserve a variety of species as a chain response of conservation initiatives under one of the major species. 1. Flagship 2. Keystone 3. Umbrella 4. RET A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00

Objective Question

40	1640	_____ index is used to evaluate the richness of various groups of organisms in a habitat. 1. Margalef's 2. Shannon-Weiner 3. Simpson's 4. Pielou's A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

41	1641	The zoological name of Lion-tailed macaque is _____. 1. <i>Macaca arctoides</i> 2. <i>Macaca radiata</i> 3. <i>Macaca silenus</i> 4. <i>Macaca mulatta</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

42	1642	What is the common name for <i>Gyps indicus</i>? 1. Long-billed vulture 2. Booted eagle 3. Himalayan vulture 4. Slender-billed vulture A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

43	1643		4.0	1.00
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Match **List-I** with **List-II**

List-I	List-II
(Convention)	(Subject.)
(A). CITES	(I). Overcoming land degradation
(B). UNCCD	(II). Conservation of wetland habitats
(C). UNFCCC	(III). Protecting endangered plants and animals from the threats
(D). The Ramsar convention	(IV). Preventing human dangerous interference with the climate system

Choose the **correct** answer from the options given below:

1. (A) - (III), (B) - (II), (C) - (I), (D) - (IV)
2. (A) - (IV), (B) - (II), (C) - (III), (D) - (I)
3. (A) - (II), (B) - (I), (C) - (IV), (D) - (III)
4. (A) - (III), (B) - (I), (C) - (IV), (D) - (II)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

44 1644

4.0 1.00

As per Wildlife (Protection) Act, certain animals declared under section 62 are _____.

1. Protected animal
2. Vermin
3. Wild animal
4. Endangered species

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

45 1645

4.0 1.00

Most commonly used method for assessing rodent population is _____.

1. Line transect count
2. Capture-Mark-Recapture technique
3. Minimum number alive method
4. Point sampling

A1 : 1

		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

46	1646	Preservation of genetic materials of threatened trees in cryopreservation is covered under _____. 1. <i>In-situ</i> conservation 2. <i>Ex-situ</i> conservation 3. Circa situm conservation 4. <i>In-ex-situ</i> conservation A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

47	1647	What type of dormancy is caused by impermeable seed coat? 1. Physical dormancy 2. Physiological dormancy 3. Endogenous dormancy 4. Thermo dormancy A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

48	1648	The selection procedure that refers to the genotypes which are selected for resistance to insect-pest on the basis of physiological characteristics. 1. Recurrent Selection 2. Family selection 3. Direct selection 4. Indirect selection A1 : 1 A2 : 2	4.0	1.00
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		A3 : 3		
		A4 : 4		
Objective Question				
49	1649	The study of the geographical distribution of plants is called _____. 1. Endemism 2. Phytogeography 3. Geospatial 4. Forest type A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
50	1650	Management of a conservation reserve is done as per provisions of the _____ of the Wildlife (Protection) Amendment Act, 2002. 1. Section 36A 2. Section 18A 3. Section 36C 4. Section 26A A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
51	1651	According to Indian State Forest Report (ISFR) 2021, the per cent forest cover extremely prone to fire and per cent forest cover very highly fire prone is _____ and _____ respectively. 1. 4 and 6 2. 6 and 4 3. 5 and 6 4. 6 and 5 A1 : 1 A2 : 2	4.0	1.00

A3 : 3

A4 : 4

Objective Question

52	1652	Select the correct matched ones: (a) Forest Conservation Act was enacted in - 1980 (b) Earth summit at Rio de Janeiro was held in - 1992 (c) National Forest Commission was set up in -1967 (d) Wild Life Protection Act was implemented -1988 Choose the correct answer from the options given below: 1. (a) and (b) 2. (a) and (c) 3. (b) and (d) 4. (a) and (d) A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

53	1653	Which one of the following is the first stage of water erosion ? 1. Splash erosion 2. Sheet erosion 3. Rill erosion 4. Gulley erosion A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

54	1654	_____ island located in Andaman Sea is the only active volcano in India. 1. Barren 2. Sumatra 3. Lahars 4. Myana	4.0	1.00
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A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

55	1655	Select the correct matched ones: (a) The Biological Diversity Act - 2002 (b) The National Agroforestry Policy - 1992 (c) The Wild Life Protection Act -1927 (d) Third Forest Policy -1988 Choose the correct answer from the options given below: 1. (a) and (b) only. 2. (a) and (d) only 3. (a) and (c) only 4. (b) and (c) only A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

56	1656	In wind erosion equation , $E=f(IKCLV)$, I stands for : 1. Soil erodibility index 2. Soil erosivity index 3. Wind velocity 4. Wind duration A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

57	1657		4.0	1.00
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Which Article of the "Directive Principles of State Policy" states that the State must attempt to maintain and develop the environment, as well as to safeguard the country's forests and animals.

1. 51A(g)
2. 48A
3. 52A(a)
4. 88B

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

58	1658	A silvicultural system in which felling and regeneration are distributed over the whole area (except in so far as felling cycle introduces a modification) and the resultant crop is uneven-aged such that trees of all ages are found together over every part of the area. 1. The Indian Irregular shelter wood system 2. The selection system 3. The clear felling system 4. The Uniform system A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

59	1659	The most destructive of known diseases to infect Indian sandalwood (<i>Santalum album</i> L.), sandalwood spike disease (SSD) , is caused by_____. 1. Phytoplasm 2. Polyphagous insect 3. <i>Rhizoctonia</i> spp 4. <i>Marsonina</i> spp A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

60	1660	Which of the following is indicator plant of Sal (<i>Shorea robusta</i>)? 1. <i>Clerodendrum</i> sp. 2. <i>Flamengia</i> spp 3. <i>Artrmesia roxburghii</i> 4. <i>Rubus ellipticus</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

61	1661	Victoria Memorial Garden is situated at _____. 1. Shimla (HP) 2. Kolkata (WB) 3. Lucknow (UP) 4. Mussoorie (UK) A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

62	1662	A stand of Deodar of first quality at the age of 70 years have volume of 100 cubic meter and vulume at ten years ago was 70 cubic meter,while the thinning was carried out five yeays ago yielded 10 cubic meter. Then the increment per cent(p) by Presseler's formula will be equal to: 1. 4.44 2. 44.4 3. 4.00 4. 0.44 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

63	1663	The total volume of trees in a fully stocked forest with normal distribution of age classes for a given rotation is called as _____. 1. Normal Growing Stock 2. Regular Growing Stock 3. Growing Stock 4. Volume stock A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

64	1664	If the pH of soil >8.5; EC of saturated extract $>4.0 \text{ dSm}^{-1}$, ESP >15.0 and SAR >13.0 the soil is called as _____. 1. Saline soil 2. Alkali soil 3. Degraded Alkali soil 4. Saline –Alkali soil A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

65	1665	The active factors of soil formation are _____ and _____ 1. Time and Relief 2. Climate and Organisms 3. Time and Organisms 4. Parent materials and Organisms A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

66	1666		4.0	1.00
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Lateritic soils are _____ and Podzolised soils are _____

- (i) Sesquioxides leached soils and Sesquioxides enriched soils respectively
- (ii) Sesquioxides leached soils and Silica enriched soils respectively
- (iii) Silica enriched soils and Sesquioxides enriched soils respectively
- (iv) Sesquioxides enriched soils and Silica enriched soils respectively

Choose the **correct** answer from the given below options:

- 1. (i) and (ii) only
- 2. (i) and (iii) only
- 3. (i) only
- 4. (iv) only

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

67	1667		4.0	1.00
Select the correct matched ones: (a). IFGTB - Coimbatore (b). ICFRE - Dehradun (c). TFRI - Shimla (d). HFRI - Jabalpur Choose the correct answer from the options given below: 1. (a) and (b) only. 2. (b) and (d) only. 3. (a) and (d) only. 4. (b) and (c) only. A1 : 1 A2 : 2 A3 : 3 A4 : 4				

Objective Question

68	1668		4.0	1.00
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Which of the following is a Teak defoliator?

1. *Hyblaea puera*
2. *Plecoptera reflexa*
3. *Hoplocerambyx spinicornis*
4. *Eutectona machaeralis*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

69	1669	The fungus causing myrtle rust in Eucalyptus : 1. <i>Austropuccinia psidii</i> 2. <i>Fomes</i> spp. 3. <i>Ganoderma lucidum</i> 4. <i>Polyporus shoreae</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

70	1670	Which of the following is total parasite : 1. <i>Cassytha filiformis</i> 2. <i>Viciu</i> spp. 3. <i>Ganoderma lucidum</i> 4. <i>Arceuthobium</i> spp. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

71	1671		4.0	1.00
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_____ has been successfully used to control *Opuntia* spp.

1. *Orthezia insignis*
2. *Dactylopius coccus*
3. *Aceria malherbae*
4. *Cassytha filiformis*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

72	1672	Which of the following pair of gases contributed to "Acid rain"?	4.0	1.00
1. Methane and ozone 2. Sulphur dioxide and nitrous oxides 3. Methane and sulphur dioxide 4. Carbon dioxide and sulphur dioxide				
A1 : 1				
A2 : 2				
A3 : 3				
A4 : 4				

Objective Question

73	1673	TZ test is used for testing _____.	4.0	1.00
1. Seed germinability 2. Seed viability 3. Seed moisture content 4. Seed physical purity				
A1 : 1				
A2 : 2				
A3 : 3				
A4 : 4				

Objective Question

74	1674		4.0	1.00
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In National Action Plan on Climate Change(NAPCC), which of the below- mentioned mission(s) is/ are included :

- (i) National Mission for Enhanced Energy Efficiency
- (ii) National Mission on Sustainable Habitats
- (iii) National Mission for a Green India
- (iv) National Mission on Strategic Knowledge on Climate Change

Choose the **correct** answer from the options given below:

- 1. (i), (ii), (iii) and (iv)
- 2. (ii), (iii) and (iv)
- 3. (iii) and (iv)
- 4. (i), (iii) and (iv)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

75	1675	4.0	1.00
The value of the timber in a forest stand is referred to as it's _____. 1. Stumpage Value 2. Timber Value 3. Salvage Value 4. NPV value A1 : 1 A2 : 2 A3 : 3 A4 : 4			

Objective Question

76	1676	4.0	1.00
If the scale arm is not touching the tree stem in caliper measurement, the error in diameter measurement is expressed as one of the following options 1. $\pm (D \tan \theta)/2$ 2. $\pm (L/D) \tan \theta \times 100$ 3. $\pm D (\sec \theta - 1)$ 4. $D \tan \theta$ A1 : 1 A2 : 2			

		A3 : 3		
		A4 : 4		

Objective Question

77	1677	Clements is mainly responsible for the following theory. 1. Poly climax 2. Mono climax 3. Mosaic 4. Multiclimax A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

78	1678	The following is a type of forest area subjected to limited degree of protection under the provisions of Chapter IV of the Indian Forest Act, 1927. 1. Reserved forest 2. Protected forest 3. Village forest 4. Panchayat forest A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

79	1679	The instruments based on trigonometric principles used for tree height measurement are: 1. Brandis hypsometer, Abney's level and Haga altimeter 2. Abney's level, Haga altimeter and Improvised calliper 3. Christian hypsometer, Improvised calliper and Haga altimeter 4. Brandis hypsometer and Christian hypsometer A1 : 1 A2 : 2 A3 : 3	4.0	1.00
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		A4 : 4		
Objective Question				
80	1680	Based on the physiognomy, aqua silviculture may be grouped as one of the following systems 1. Xeromorphic 2. Hygromorphic 3. Hydromorphic 4. Mesomorphic A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
81	1681	Which of the following silvicultural system is used for diffused regeneration? 1. Selection system 2. Clear felling system 3. Uniform shelter wood system 4. Improvement felling system A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
82	1682	Stump analysis helps to know the relationship between the following factors 1. Height and Volume 2. Biomass and age 3. Age and diameter 4. Biomass and Diameter A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				

83	1683	Which one of the following is different from other sampling methods? 1. Multistage sampling 2. Multiphase sampling 3. Stratified sampling 4. Systematic sampling A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

84	1684	Calculate the Normal Growing Stock (NGS) of a Eucalyptus plantation worked on 10 year rotation on 10 ha area, one ha under each gradation with the volume of 10 year gradation being 500 m³ 1. 2150 m³ 2. 2050 m³ 3. 2500 m³ 4. 3500 m³ A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

85	1685	Stumpage refers to the following one of the statements 1. Number of stumps left after a timber harvest 2. Number of stems per hectare 3. The value of trees as they stand uncut in the woods 4. Total number of trees in the forest A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

86	1686		4.0	1.00
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The relative completeness of the stocking expressed as a decimal coefficient, taking normal number of trees, basal area or volume as unity is called as

1. Crop density
2. canopy density
3. Crown density
4. Growing stock density

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

87	1687	4.0	1.00
A species in an ecosystem that plays a central role in the health of that ecosystem and whose removal may cause the collapse of the ecosystems, is called a(n) 1. Indicator species 2. Keystone species 3. Specialist species 4. Foundation species A1 : 1 A2 : 2 A3 : 3 A4 : 4			

Objective Question

88	1688	4.0	1.00
Choose the incorrect answer from the following pairs which is not matching. 1. Epiphyte – <i>Ficus bengalensis</i> 2. Partial parasite – <i>Loranthus longiflorus</i> 3. Total parasite – <i>Cuscuta reflexa</i> 4. Semi root parasite – <i>Butea superba</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4			

Objective Question

89	1689	4.0	1.00
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The tropical and sub-tropical grassland with either sparsely scattered trees or bushes are called as

1. Savannas
2. Prairies
3. Steppes
4. Rangeland

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

90	1690	The method of sampling adopted in Bamboo enumeration is 1. Multistage sampling 2. Multiphase sampling 3. Random sampling 4. Stratified sampling A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

91	1691	What will be the increment percent (P) according to Pressler's formula when the volume at the age of 70 years be 100 m^3 and the volume ten years ago be 70 m^3, but a thinning was carried out at 5 years ago and yielded 10 m^3 ? 1. 5.44 2. 4.44 3. 6.44 4. 7.94 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

92	1692		4.0	1.00
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		Root pruning is also called as... 1. Root modification 2. Wrenching 3. Rooting 4. Pricking out A1 : 1 A2 : 2 A3 : 3 A4 : 4		
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Objective Question

93	1693	The forest which owes its existence to its proximity to water course is known as 1. Riparian forest 2. Littoral forest 3. Virgin forest 4. Shola forest A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

94	1694	Topping is done to restrict ____ growth of seedlings 1. Root 2. Height 3. Collar 4. Diameter A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

95	1695		4.0	1.00
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Restocking blanks in an artificially regenerated area with fresh sowings or plantings is termed as

1. Nurse crop
2. Beating up
3. Deforestation
4. Under planting

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

96	1696	Opening of cone in <i>Cedrus deodar</i> is favoured by one the following weather conditions. 1. Wet 2. Rainy 3. Snowy 4. Hot and sunny A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

97	1697	A cup which is made of leaves is known as... 1. Root trainers 2. Donas 3. Baskets 4. Polybags A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

98	1698		4.0	1.00
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		In the British system, 10 Square chains of forest plantation is recorded as 1. 1 hectare 2. 1 acre 3. 1 mile 4. 2 acres A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
99	1699	A fire that has been started intentionally by a forester to be used as a management tool is referred as 1. Crown fire 2. Prescribed burn 3. Surface fire 4. Wildlife management fire A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
100	1700	The following type of increment is the best indicator for the site quality. 1. Mean Annual Increment 2. Periodic Annual Increment 3. Total Annual Increment 4. Current Annual Increment A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
101	1701		4.0	1.00

Which one of the following is representing social benefits from Agroforestry?

1. Sustained employment and higher income
2. Reduction of pressure on forest
3. Improvement of soil structure and nutrients
4. Diversified crops and higher farm income

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

102	1702	Taungya was first introduced to India by _____. 1. LS Khanna 2. John Bene 3. Dietrich Brandis 4. PKR Nair A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

103	1703	In India, there are _____ Agro-eco regions and ____ Agro-eco subregions. 1. 20 & 60 2. 8 & 15 3. 20 & 40 4. 10 & 40 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

104	1704		4.0	1.00
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		_____ system is grouped under Agro-silvo-pastoral system. 1. Protein bank 2. Homegardens 3. Live fence composed of fodder trees and hedges 4. Trees and shrubs on pasture A1 : 1 A2 : 2 A3 : 3 A4 : 4		
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Objective Question

105	1705	Given below are two statements: Statement (I): Shelter belts are strips of trees/shrubs planted to protect the agricultural fields, homes from wind and blowing sand. Statement (II): Wind breaks are blocks consisting of several rows of trees established at right angles to the prevailing wind direction. In light of the above statements, choose the <i>most appropriate</i> answer from the options given below. 1. Both Statement (I) and Statement (II) are correct. 2. Both Statement (I) and Statement (II) are incorrect. 3. Statement (I) is correct but Statement (II) is incorrect. 4. Statement (I) is incorrect but Statement (II) is correct. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

106	1706	Which one of the following agroforestry systems is not categorized under the concept of increasing farm income? 1. Multistorey cropping 2. Agri-horticultural system 3. Alley-cropping 4. Integrated Nutrient Management in Agriculture A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

107	1707	Identify tree species which is not suitable for agroforestry systems of arid region 1. <i>Albizia lebbbeck</i> 2. <i>Acacia tortilis</i> 3. <i>Paulownia tomentosa</i> 4. <i>Prosopis cineraria</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

108	1708	Given below are two statements: Statement (I): The basic strategy of farm forestry is to maximise the profit from the investment. Statement (II): In farm forestry, the number of trees per farm is low and they are planted around the house/boundaries at little extra cost. In light of the above statements, choose the <i>most appropriate</i> answer from the options given below. 1. Both Statement (I) and Statement (II) are correct. 2. Both Statement (I) and Statement (II) are incorrect. 3. Statement (I) is correct but Statement (II) is incorrect. 4. Statement (I) is incorrect but Statement (II) is correct. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

109	1709	Identify Non-leguminous Nitrogen Fixing Tree species 1. <i>Leucaena</i> 2. <i>Casuarina</i> 3. <i>Erythrina</i> 4. <i>Prosopis</i> A1 : 1 A2 : 2 A3 : 3	4.0	1.00
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A4 : 4

Objective Question

110	1710	Intercropping <i>Leucaena leucocephala</i> and/or <i>Sesbania</i> spp. with jowar/maize in same piece of land is called _____. 1. Silvipastoral system 2. Agri-silvi-pastoral system 3. Multipurpose woodlots 4. Hedgerow cropping A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

111	1711	Subsistence agroforestry system is categorized under _____ classification. 1. Socio-economic 2. Ecological 3. Functional 4. Structural A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

112	1712	The most preferred host species for tasar cultivation is ____. 1. <i>Terminalia alata</i> 2. <i>Acacia catechu</i> 3. <i>Ficus religiosa</i> 4. <i>Butea monosperma</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

113	1713	Identify the most prominent species which are grown in the coastal areas. 1. <i>Casuarina equisetifolia</i> and <i>Acacia catechu</i> 2. <i>Casuarina equisetifolia</i> and <i>Grewia optiva</i> 3. <i>Casuarina equisetifolia</i> and <i>Anacardium occidentale</i> 4. <i>Eucalyptus</i> sp. and <i>Gmelina arborea</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

114	1714	Most prominent grassland, Banni, is spread over in the region of _____. 1. Kanha Tiger Reserve 2. Kachchh 3. Sariska Tiger Reserve 4. Terai, UP A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

115	1715	The species with good pollarding ability is: 1. <i>Hardocoikia binata</i> 2. <i>Mesua ferrea</i> 3. <i>Pterocarpus marsupium</i> 4. <i>Hopea parviflora</i> A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

116	1716		4.0	1.00
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In 2002, the "International Centre for Research in Agroforestry" acquired the name, World Agroforestry Centre, after merging with scientific institution *i.e.*, _____.

1. CAFRI
2. IUFRO
3. CIFOR
4. IUCN

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

117	1717	Given below are two statements: Statement (I): "Agroforestry Principles and Practices" is written by AP Dwivedi Statement (II): "An Introduction to Agroforestry" book is written by DS Chundawat and SK Gautam In light of the above statements, choose the <i>most appropriate</i> answer from the options given below. 1. Both Statement (I) and Statement (II) are correct. 2. Both Statement (I) and Statement (II) are incorrect. 3. Statement (I) is correct but Statement (II) is incorrect. 4. Statement (I) is incorrect but Statement (II) is correct. A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

118	1718	_____ is the World's first country to adopt a comprehensive agroforestry policy. 1. Tanzania 2. India 3. Nepal 4. South Africa A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

119	1719	Shifting cultivation is popularly known as _____. 1. SRI 2. Taungya 3. Jhume 4. Primitive farming A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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Objective Question

120	1720	In agroforestry, SALT cultivation system is called _____. 1. Mangrove farming 2. Cut and Carry system 3. Hill homegarden system 4. Contour hedgerow intercropping system A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
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