ICAR AIEEA PG

QUESTION PAPER



aglasem.com

PREVIEW QUESTION BANK

Module Name : FORESTRY-AGRO FORESTRY-SILVICULTURE-ENG
Exam Date : 29-Jun-2024 Batch : 10:00-12:00

Sr. No.	Client Question ID	Question Body and Alternatives	Marks	Negative Marks
Objective Question				
1	90001	Read the following statements of silvicultural system followed in tree species and choose the correct answer from the following options Given below are two statements: Statement (I): *Anogeissus latifolia* is worked only as a component species of mixed forests as coppice-with-standards. Statement (II): *Terminalia arjuna* tree is not a regular component of forest stand and is usually worked under selection and coppice with standards. In light of the above statements, choose the *most appropriate* answer from the options given below. 1. Only statement (I) is correct and statement (II) is incorrect 2. Only statement (II) is correct and statement (I) is incorrect 3. Both the statements (I) and (II) are correct 4. Both the statements (I) and (II) are incorrect A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
2	90002	The most important single factor affecting natural regeneration of *Shorea robusta* is the time lag between the falling of seed and the commencement of the _____. 1. Monsoon 2. Winter 3. Summer 4. Snowfall A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
3	90003		4.0	1.00

Read the following statements and choose the correct answer about silvicultural system/s adopted for the management of *Shorea robusta*.

Given below are two statements:

Statement (I): Under clear felling system, a rotation age is fixed and the entire area clear felled and the crop is of uniform age.

Statement (II): Selection system is adopted for areas which are badly eroded and where regeneration is problem and regeneration is obtained by natural means, which may be supplemented by planting.

Statement (III): In coppice with standards system, a few standards are retained and the other trees above the exploitable diameter are clear felled and regeneration is obtained by means of coppice.

In light of the above statements, choose the *most appropriate* answer from the options given below:

1. Only statements (I) and (II) are correct and statement (III) is incorrect
2. Only statement (II) and (III) are correct and statement (I) is incorrect
3. All the three statements (I), (II) and (III) are correct
4. All the three statements (I), (II) and (III) are incorrect

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

4	90004	Which of the following type of soil is the best for plant growth? 1. Sandy soil 2. Clay 3. Gravel 4. Loamy soil A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00

Objective Question

5	90005		4.0	1.00

		A biosphere reserve conserves and preserves the following variety of life and choose the correct option of variety of life (A) Wild animals (B) Wild land (C) Natural vegetation Choose the ***correct*** answer from the options given below: 1. Only option (A) and (B) are correct and option (C) is incorrect 2. Only option (B) and (C) are correct and option (A) is incorrect 3. All the three options (A) (B) and (C) are correct 4. All the three options (A) (B) and (C) are incorrect A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
6	90006	The death of the last individual of a species is called as _____. 1. Extinction 2. Clad 3. Neither (1) nor (2) 4. Species diversity A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
7	90007	Select the most suitable practice to prevent the floods from the following 1. Afforestation 2. Cutting the forests 3. Tilling the land 4. Removing the top soil A1 : 1 A2 : 2 A3 : 3	4.0	1.00

		A4 : 4		
Objective Question				
8	90008	The concept of 'Biosphere Reserve' was evolved by_____ 1. Government of India 2. Botanical Survey of India 3. UNESCO 4. UNDP A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
9	90009	Amrita Devi Bishnoi sacrificed her life to the protection of following trees 1. Sal trees 2. Pine trees 3. Khejri trees 4. Pongamia trees A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
10	90010	Kattas is the ancient method of water harvesting found in the following state 1. Himachal Pradesh 2. Karnataka 3. Tamil Nadu 4. Madhya Pradesh A1 : 1 A2 : 2 A3 : 3	4.0	1.00

		A4 : 4		
Objective Question				
11	90011	Which of the following species has characteristic of tree without leaf for longest period of about 6 months.? 1. *Hymenodictyon excelsum* 2. *Tectona grandis* 3. *Dalbergia sissoo* 4. *Diospyros melanoxylon* A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
12	90012	What is the scientific name of the tree "Hollong"? 1. *Terminalia myriocarpa* 2. *Tsuga dumosa* 3. *Dipterocarpus macrocarpus* 4. *Miliusa tomentosa* A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
13	90013	During the British period, teak plantations were raised in the _____and acacia and eucalyptus in the _____. 1. Malabar hills and Niligiri hills 2. Niligiri hills and Malabar hills 3. Western Ghats and Eastern Ghats 4. Sahyadri hills and Himalayan hills A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00

Objective Question				
14	90014	Functional classification of forests under National Forest Policy, 1952 consists of the following 1. Protection forests, Commercial Forest, Minor Forest and Tree lands 2. Protection forests, National forests, Village forests and Tree lands 3. Preservation Forest, Commercial Forest, Minor Forest and Pasture Lands 4. Protection forests, Preservation Forest, Village forests and Tree lands A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
15	90015	Choose the incorrect statement from the following. 1. Indira Gandhi National Forest Academy is an organisation which was originally as Indian Forest College, established in 1938 at Dehradun. 2. Indian Institute of Forest Management was established in 1982 at Dehradun as an autonomous institute under the Ministry of Environment and Forests 3. Indian Council of Forest Research and Education was established in 1986 at Dehra Dun as an autonomous organization under MoEF 4. Forest Survey of India was established in 1984 at Dehradun as a government organization in India under the union Ministry of Environment and Forests A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
16	90016	Identify the odd answer from the following choice on the basis of kinds of sampling and systems of allocating/distributing/choosing sampling units 1. Stratified sampling 2. Multistage sampling 3. Multiphase sampling 4. Sequential sampling A1 : 1 A2 : 2 A3 : 3	4.0	1.00

		A4 : 4		
Objective Question				
17	90017	Most of the states have only one Forest Development Corporation (FDC) but the following two states have more than one Forest Development Corporation . Choose the correct answer 1. Andhra Pradesh and Tamil Nadu 2. Tamil Nadu and Karnataka 3. Karnataka and Kerala 4. Karnataka and Andhra Pradesh A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
18	90018	The following statement is not a drawback or limitation of National Forest Policy, 1894. Choose the correct answer from the following options 1. No specific provisions for management of wildlife 2. The policy emphasis on permanent cultivation rather than shifting cultivation 3. No guidelines for research and training in forestry 4. This facilitates easy diversion of forest lands for non forestry purposes A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
19	90019	The inclusion of provisions of CITES and Gram Sabha consultation is a positive step in the following amendment bill 1. Wildlife (Protection) Amendment Act 1993 2. Wildlife (Protection) Amendment Act, 2002 3. Wildlife (Protection) Amendment Act 2006 4. Wildlife (Protection) Amendment Act 2013 A1 : 1 A2 : 2	4.0	1.00

		A3 : 3 A4 : 4		
Objective Question				
20	90020	Which of the following is shade demander species in tropical deciduous forest 1. *Dalbergia sissoo* 2. *Dalbergia latifolia* 3. *Schleichera oleosa* 4. *Gmelina arborea* A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
21	90021	The Succession which initiated in water or wetland is called as 1. Xerarch succession 2. Hydrarch succession 3. Mesarch succession 4. Primary succession A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
22	90022		4.0	1.00

		Read the following statements on crown classes in an even aged forest which consists of the following. Given below are three statements. Statement (I): Dominant trees consists of predominants (top canopy) and codominants with 5/6 th of the predominant Statement (II): Dominated trees consists of ¾ th of the tallest trees Statement (III): Suppressed trees consists of ½ th to 5/8 th of the predominants In light of the above statements, choose the *most appropriate* answer from the options given below. 1. Only statements (I) and (II) are correct and statement (III) is incorrect 2. Only statement (II) and (III) are correct and statement (I) is incorrect 3. All the three statements (I) (II) and (III) are correct 4. All the three statements (I) (II) and (III) are incorrect A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
23	90023	Read the following statements on methods of point sampling in forestry and choose the correct answer from the below given two options. Statement (I): Horizontal point sampling (HPS) measures mean stand height which is developed by Bitterlich Statement (II): Vertical point sampling measures basal area per ha which is developed by Japanese forester Hirata In light of the above statements, choose the *most appropriate* answer from the options given below. 1. Only statement (I) is correct and statement (II) is incorrect 2. Only statement (II) is correct and statement (I) is incorrect 3. Both the statements (I) and (II) are correct 4. Both the statements (I) and (II) are incorrect A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
24	90024		4.0	1.00

		What is the theme of International Day of Forests 2024? 1. Forests and Innovation: New Solutions for a Better World 2. Forests and preservation: New Solutions for a Better Future 3. Forests and Conservation: New Solutions for a Better World 4. Forests and Biodiversity: New Hope for a Better World A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
25	90025	Maximum forest area in India comes under 1. Tropical wet evergreen 2. Tropical moist deciduous 3. Tropical dry deciduous 4. Tropical dry evergreen A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
26	90026	Given below are two statements on pruning practiced in agroforestry: Statement I: In agroforestry, pruning is one of the tree management activities practiced to favour the intercrops by reducing shade effect from tree crop Statement II: Through tree pruning, harvested branch woods can be used for fuel and other purposes In light of the above statements,choose the *most appropriate* answer from the options given below: 1. Both Statement (I) and Statement (II) are true 2. Both Statement (I) and Statement (II) are false 3. Statement (I) is true but Statement (II) is false 4. Statement (I) is false but Statement (II) is true A1 : 1 A2 : 2 A3 : 3	4.0	1.00

		A4 : 4		
Objective Question				
27	90027	In agroforestry point of view, which one is not having negative effect at the tree-crop interface? 1. Light competition 2. Nutrient competition 3. Weed suppression 4. Water competition A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
28	90028	Land use systems in which pasture and livestock production is integrated with woody perennials on the same land management and such system is called _____. 1. Agrisilvicultural system 2. Silvopastoral system 3. Aqua-silviculture system 4. Api-forestry systems A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
29	90029		4.0	1.00

Match the following with List I and List II Teak-based agroforestry models

List-I	List-II
AF Practices	**AF systems**
A. Teak & Casuarina + maize/cotton	I. Silvi-horticulture system
B. Teak + Turmeric/ vegetables+ maize/cotton	II. Silvi-pasture system
C. Teak+ Guava/Annona	III. Agri-silviculture system
D. Teak and casuarina + Napier/Guinea grasses	IV. Agri-silvi-horticulture system

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

30 90030 4.0 1.00

Identify the correct order/sequence of basic steps followed in Diagnostic and Design (D&D) methodology of agroforestry:

A. Pro-diagnostic

B. Diagnostic

C. Design and evaluation

D. Planning and Implementation

1. ABCD
2. ADCB
3. ABDC
4. ACDB

A1 : 1

A2 : 2

A3 : 3

		A4 : 4		
Objective Question				
31	90031	In India, *Prosopis*-based Agrisilvicultural systems are seen in _____. 1. Tropical highlands 2. Low land humid and sub-humid tropics 3. Semi-arid and and tropics 4. Semiarid, arid, lowland humid and sub-humid tropics A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
32	90032	Identify tree species that is grown in plantation/ agroforestry system in arid and semiarid regions for fuelwood, timber and forage purposes. 1. *Artocarpus hirsutus* 2. *Pterocarpus marsupium* 3. *Gmelina arborea* 4. *Prosopis cineraria* A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
33	90033	A land use system in which arable crops are grown in between hedgerows of shrubs/trees and that system is referred as _____. 1. Boundary plantation 2. Shelter belts 3. Alley cropping 4. Windbreak A1 : 1 A2 : 2 A3 : 3	4.0	1.00

		A4 : 4		
Objective Question				
34	90034	For inclusion of_____component in agroforestry,trees loke Palas and Kusum are planted. 1. Apiculture 2. Pisciculture 3. Sericulture 4. lac-culture A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
35	90035	Headquarters of CAFRI is located at _____. 1. Dehradun 2. Jhansi 3. Anand 4. Coimbatore A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
36	90036	Which one of the following is not classified on economic basis? 1. Subsistence 2. Interpolated 3. Commercial 4. Intermediate A1 : 1 A2 : 2 A3 : 3	4.0	1.00

		A4 : 4		
Objective Question				
37	90037	Shifting cultivation is practiced generally in remote forested area; hence, proper communication and market systems are not developed. The most common sale system practiced in this situation is _____. 1. Barter system of sale 2. Consultative selling 3. Transactional selling 4. Provocative selling A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
38	90038	Which one of the following sequence/arrangement is correct in terms of tree categories as per Tree Crown Classification (canopy) from higher level to lower level? 1. Dominated> Codominant>Suppressed>Dead 2. Codominant>Dominated>Dead> Suppressed 3. Dominated>Codominant>Dead>Suppressed 4. Codominant>Dominated>Suppressed>Dead trees A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
39	90039	Homestead plantation and home gardens are classified under _____ system. 1. Agri-silvicultural 2. Silvi-pastural 3. Agri-silvi-pastural 4. Agri-silvicultural & Agri-silvi-pastural A1 : 1 A2 : 2 A3 : 3	4.0	1.00

		A4 : 4		
Objective Question				
40	90040	Cut and carry fodder production is one of the practices of _____. 1. Silvi-pastural system 2. Agri-silviculture system 3. Agri-silvi-pastural system 4. Other system of AF A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
41	90041	Productive, Protective & Multipurpose agroforestry systems are classified on the basis of _____ basis. 1. Physiognomy 2. Ecology 3. Socioeconomic 4. Functional A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
42	90042	On the basis of management, which one of the following agroforestry systems is intensively managed? 1. Shifting cultivation 2. Silvi-pastural 3. Homegarden 4. Taungya A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00

Objective Question				
43	90043	Taungy cultivation is also known as _____. 1. Jhume cultivation 2. Hill cultivation 3. Podo cultivation 4. Kurwa cultivation A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
44	90044	In shelter belt, tree species is used to protect _____ of it's height 1. 50-55 times 2. 30-35 times 3. 10-15 times 4. About 5 times A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
45	90045	Which design is mostly preferred for green house experiment of agroforestry species? 1. RBD 2. CRD 3. Split-plot design 4. Latin square design A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
46	90046		4.0	1.00

		Evolutionary dynamics are controlled by a number of driving forces. In fact, combination of forces mentioned below always improve amount of genetic diversity within population. Identify the correct option from the following: 1. Gene migration & Natural selection 2. Natural selection & Genetic drift 3. Genetic drift & Gene migration 4. Gene flow & mutation A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
47	90047	Which of the following institute is recognized as DUS Centre for Willows and Poplar germplasm? 1. IFGTB Coimbatore 2. HFRI, Shimla 3. Dr. YSPUHF, Solan 4. PAU, Ludhiana A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
48	90048	Given below are two statements on the apsect of genetic erosion: Statement (I): It lowers the genetic fitness in a declining population due to a shrinking gene pool. Statement (II): It is the process in which a plant species faces a gradual or complete loss of its unique gene. In light of the above statements,choose the *most appropriate* answer from the options given below. 1. Both Statement I and Statement II are true. 2. Statement I is true but Statement II is false. 3. Statement I is false but Statement II is true. 4. Statement I and Statement II are false. A1 : 1 A2 : 2 A3 : 3	4.0	1.00

		A4 : 4		
Objective Question				
49	90049	Identify the biological interaction among two species in which one of the species is gaining benefits while the other species is neither benefited nor harmful. 1. Commensalism 2. Mutualism 3. Parasitism 4. Amensalism A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
50	90050	In Biological Diversity Act, Section _____ has a provision for management and conservation of National heritage sites. 1. Section 41 2. Section 22 3. Section 24 4. Section 37 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
51	90051	In forest trees, provenance variation and tree to tree differences accounts for nearly _____ of all the variation observed. 1. 10% 2. 90% 3. 50% 4. 60% A1 : 1 A2 : 2 A3 : 3	4.0	1.00

		A4 : 4		
Objective Question				
52	90052	Identify the odd term based on the pollination type/mechanism. 1. Crossing between two ramets of single clone. 2. Geitonogamy 3. Herkogamy 4. Autogamy A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
53	90053	Topophysis is the position on the stock plant that impacts on the growth orientation of the propagule; however, in some plant, scion grows like branches instead of its normal growth orientation and such growth is termed as _____. 1. Orthotropic growth 2. Plagiotropic growth 3. Epicormic growth 4. Apical dominance A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
54	90054	Trees which are selected and graded based on the morphological and phenotypic characteristics are called _____. 1. Plus trees 2. Elite trees 3. Candidate trees 4. Clones A1 : 1 A2 : 2 A3 : 3	4.0	1.00

A4 : 4

Objective Question

55 | 90055 | 4.0 | 1.00

Match the following List I with List II based on pollination mechanism:

List-I	List-II
Terminology	**Meaning**
A. Myrmecophily	I. Snails
B. Malacophilous	II. Bats
C. Ornithophily	III. Squirrels
D. Chiropterophily	IV. Ants
	V. Birds

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

56 | 90056 | 4.0 | 1.00

Identify suitable example for Interspecific hybrids.

1. Teak Teli variety
2. Nilambur teak clone x Chandrapur teak clone
3. *Jatropha curcas* x *Ricinus communis*
4. *Eucalyptus grandis* x *E. urophylla*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

57	90057	Section 38 of Biodiversity Act deals with _____. 1. Notifying Biodiversity heritage sites 2. Notifying threatened species 3. Designating institution(s) as repositories 4. Transfering biological resource A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
58	90058	In which Act, bamboos were omitted from the category of trees? 1. Indian Forest Act, 1927 2. The Indian Forest (Amendment) Act, 2017 3. Forest (Conservation) Act, 1980 4. Forest (Conservation) Amendment Act, 2023 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
59	90059	Specific planned fire line consist a principal fire line of _____ width that is helpful in management of fire in wildlife habitats 1. 4-5 meters 2. 10-20 meters 3. 30-40 meters 4. 50-60 meters A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				

60	90060	Which one of the following is not true in case of National Parks? 1. Declared under Section 18 (1) of Wildlife (Protection) Act, 1972 2. Boundary is well defined and accurate 3. All prohibited except permitted ones 4. No grazing of any live-stock shall be permitted A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
61	90061	The gestation period for the greater one-horned rhinoceros (*Rhinoceros unicornis*) is generally about_____months. 1. Twenty 2. Four 3. Nine 4. Sixteen A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
62	90062	In biosphere reserve, human activity is not allowed in _____. 1. Buffer zone 2. Core zone 3. Restoration zone 4. Core zone and manipulation zone A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
63	90063		4.0	1.00

The term that refers to the capacity of the organism to produce offsprings irrespective of the number of their survival to maturity

1. Turn-over rate
2. Biotic potential
3. Breeding potential
4. Extinction threshold

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

64 90064 4.0 1.00

Match the following List I with List II based on animal protection/conservation

List-I	List-II
Animal based project	**Name of National Park**
A.Project Hangul	I. Bandipur
B.Tiger reserve	II. Dachigam
C. Lion project	III. Corbett
D. Project tiger	IV. Gir

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

65 90065 4.0 1.00

		Terminalia elliptica can be easily identified based on _____ character. 1. Crocodile bark 2. Smooth bark 3. Seed aril 4. Milky latex A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
66	90066	Which one of the following is correct for Mahua tree? 1. *Madhuca latifolia*. - Sapotaceae 2. *Madhuca indica*- Combretaceae 3. *Madhuca indica*- Lythraceae 4. *Madhuca longifolia*- Anacardiaceae A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
67	90067	Which of the following terms refers to any chromosome number that is not an exact multiple of the haploid number of chromosomes? 1. Tetraploidy 2. Aneuploidy 3. Diploid 4. Hexaploidy A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
68	90068		4.0	1.00

		The most feasible method of selection of superior trees of forest species in even-aged stand is _____. 1. The mother tree system of selection 2. Regression selection system 3. Subjective grading system of selection 4. Mass selection with grading system A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
69	90069	Identify proper term that deals with the transfer of genetic materials from one species into the gene pool of another by the repeated backcrossing of an interspecific hybrid with one of its parent species. 1. Gene manipulation 2. Retrogression 3. Introgression 4. Inbreeding A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
70	90070	In cryopreservation, tissues or seeds are preserved and maintained at _____ temperature for the purpose of long-term storage. 1. -150 to -190°C 2. 0°C 3. -18°C 4. -50 to -60 °C A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
71	90071		4.0	1.00

_____ of *Plumbago zeylanica* Linn is/are used as official parts for medicinal purpose.

1. Bark
2. Roots and milky juice
3. Seeds
4. Flowers

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

72 90072 4.0 1.00

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

List-I	List-II
(A) *Picrorhiza kurroa*	(I). Fabaceae
(B) *Pterocarpus marsupium*	(II) Burseraceae
(C). *Asparagus racemosus*	(III). Scrophulariaceae
(D). *Commiphora wightii*	(IV). Liliaceae

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

73 90073 4.0 1.00

		Ring porous wood is found in _____ . 1. *Diospyros melanoxylon* 2. *Toona ciliata* 3. *Acacia catechu* 4. *Mesua ferrea* A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
74	90074	Which one of the following species is called Bad Fuel Woods? 1. *Grewia optiva* 2. *Lyonia ovalifolia* 3. *Casuarina equisetifolia* 4. *Terminalia bellerica* A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
75	90075	Wood of _____ is known as very elastic woods 1. *Pinus roxburghii* 2. *Syzygium cumini* 3. *Grewia tiliaefolia* 4. *Alnus nepalensis* A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
76	90076		4.0	1.00

		Conduction in hard woods is performed by _____. 1. Tracheids 2. Vessels 3. Tylosis 4. Medullary rays A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
77	90077	Cutting and Y shaped teeth are found in _____cross cut saw for felling of trees and conversion into logs. 1. Peg toothing 2. Pickroons 3. Cant - hooks 4. Rakertoothing A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
78	90078	Foxglove is common name of _____. 1. *Digitalis purpurea* 2. *Dioscorea deltoidea* 3. Duboisia myoiporoides 4. *Claviceps purpurea* A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
79	90079		4.0	1.00

		Important alkaloid, Colchicine is found in _____. 1. *Withania somnifera* 2. *Asparagus officinalis* 3. *Rosamarinus officinalis* 4. *Gloriosa superba* A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
80	90080	Marusudha is improved variety of _____ . 1. *Cineraria maritime* 2. *Psoralea corylifolia* 3. *Commiphora wightii* 4. *Evolvulus alsinoides* A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
81	90081	_____ is common name of *Taxus wallichiana* 1. Himalayan Ginseng 2. Himalayan Yew 3. Henbane 4. Indian aloe A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
82	90082		4.0	1.00

		_____ is often used for felling bamboos, small poles and for clearing and chopping of brush growth underneath. 1. Pickaroons 2. Bill Hook 3. Cant Hook 4. Axe A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
83	90083	Square or rectangular sawn timber under 15 cm in section is calld as _____. 1. Beams 2. Scantlings 3. Blocks 4. Planks A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
84	90084	Fruits of _____are used as spice. 1. *Bombax ceiba* 2. *Cochlospermum religiosum* 3. *Bunium persicum* 4. *Berberis asiatica* A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
85	90085		4.0	1.00

		_____ is a valuable fodder tree of Indian desert 1. *Quercus glauca* 2. *Salix tetrasperma* 3. *Schleichera oleosa* 4. *Prosopis cineraria* A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
86	90086	Which of the following species is classified as heavy woods? 1. *Dalbergia sissoo* 2. *Anogeissus latifolia* 3. *Shorea robusta* 4. *Tectona grandis* A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
87	90087	Fruit dyes are obtained from _____. 1. *Butea monosperma* 2. *Mammea longifolia* 3. *Nyctanthes arbor tristis* 4. *Bixa orellana* A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
88	90088		4.0	1.00

		The heart wood of _____ on distillation yield an oil with heavy,sweet and long lasting odour 1. *Cedrus deodara* 2. *Santalum album* 3. *Pinus roxburghii* 4. *Eucalyptus citriodora* A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
89	90089	In Softwoods, conduction and mechanical functions are performed by _____. 1. Vessels 2. Tylosis 3. Tracheids 4. Fibres A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
90	90090	Identify the species in the following which is not a TBOs 1. *Pongamia pinnata* 2. *Calophyllum inophyllum* 3. *Tectona grandis* 4. *Jatropha curcas* A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
91	90091		4.0	1.00

		Agar oil is obtained from the wood of _____. 1. *Cedrus deodara* 2. *Aquilaria agallocha* 3. *Bursera penicillata* 4. *Santalum album* A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
92	90092	Which one of the following species yield wood tans ? 1. *Acacia mearnsii* 2. *Acacia catechu* 3. *Emblica officinalis* 4. *Anogeissus latifolia* A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
93	90093	In warping, curvature both across the width and along the length of a piece of wood is known as _____. 1. Cupping 2. Bowing 3. Twist 4. Spring A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
94	90094		4.0	1.00

		Katira gum is obtained from _____. 1. *Acacia nilotica* 2. *Feronia limonia* 3. *Bauhinia retusa* 4. *Cochlospermum religiosum* A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
95	90095	Peru Balsam is viscous dark brown and transparent liquid, extracted from _____. 1. *Callitris quadrivalvis* 2. *Myroxylon pereirae* 3. *Pinus succinifera* 4. *Pistacia lentiscus* A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
96	90096	*Hippophae rhamnoides* (Sea buckthorn) fixes atmospheric nitrogen by forming symbiotic association with_____. 1. *Azotobacter* 2. *Frankia* 3. *Glomus* 4. *Rhizobium* A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
97	90097		4.0	1.00

		A discrete mass of any material ,except pure water, that exists as liquid or solid in the atmosphere and of microscopic or submicroscopic dimension is called as : 1. Particlulate matter 2. Photochemical matter 3. Condensation matter 4. Suspended matter A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
98	90098	The concept of "CHIPKO MOVEMENT" originally started from _____ in the early part of the 18th century by the Bishnoi Community to protect the Khejadi trees 1. Rajasthan 2. Uttrakhand 3. Gujarat 4. Bihar A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
99	90099	Champion and Seth revised the preliminary classification of forest types of India prepared in 1935, according to them forest of India have first been divided into _____major groups 1. 16 2. 4 3. 5 4. 8 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				

100	90100	Constitutional provisions of "Forest Conservation" lies under the article(s): 1. Article 48-A and Article 51 A(g) 2. Article 40-A and Article 51(g) 3. Article 48-A and Article 50(g) 4. Article 14-A and Article 51(g) A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
101	90101	The absolute quantity of carbon held within a pool at a specified time is referred as_____. 1. Carbon Flux 2. Carbon Pool 3. Carbon Stock 4. Carbon Credit A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
102	90102	The most powerful greenhouse gas emitted as a result of production of fluorites is _____. 1. Hydro fluorocarbons (HFCs) 2. Per flurocarbons(PFCs) 3. Sulphur hexafluoride(SF6) 4. Chlorofluorocarbons(CFCs) A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
103	90103		4.0	1.00

		The Draught Prone Area Programme (DPAP) was launched as an integrated area development programme in the country during the year ___ . 1. 1973 2. 1978 3. 1976 4. 1980 A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
104	90104	Mono-climax theory was proposed by _____. 1. Clements 2. Tansely 3. Watson 4. Richard A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
105	90105	Tetrazolium test for seed viability was developed by _____. 1. S Wagner 2. G Lakon 3. D Brandis 4. R Robert A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				

106	90106	A part or parts of forest set aside to be regenerated or otherwise treated during a specified period is known as _____. 1. Compartment 2. Felling area 3. Coupe 4. Periodic block A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
107	90107	Find the area in hectare a of each of permanent periodic block, if the area of each felling series is 2400 hectare, rotation age is 120 years and period is 30 years. 1. 600 2. 900 3. 180 4. 240 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
108	90108	Von Mantel's formula of regulation of yield ,which is based on the relationship between volume and increment is applicable to _____ 1. Regular even aged normal forest 2. Regular uneven aged forest 3. Irregular even aged forest 4. Irregular even and ueneven forest A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				

109	90109	The value of m.a.i is never zero and in no circumstances it is _____ like the c.a.i. 1. Negative 2. Positive 3. Optimistic 4. Constant A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
110	90110	_____is the name given to graphs which show a cumulative frequency distribution and are drawn in a similar fashion to a frequency polygon. 1. Polygen 2. Ogives 3. Histogram 4. Frequency table A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
111	90111	First Agroforestry Policy was launched in India in the year- 1. 2014 2. 2016 3. 1988 4. 2012 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00

Objective Question				
112	90112	Queensland department of Agriculture,Fisheries and Forestry recommended _____as bio-control agent for lantana (*Lantana camera*) weed 1. *Ophiomyia lantanae* 2. *Bacillus lantanae* 3. *Rhizobium* spp 4. *Helicoverpa armigera* A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
113	90113	A silvicultural system in which the crop is to be regenerated is opened up irregularly and the resultant crop is unevenaged. 1. The Indian Irregular shelter wood system 2. The selection system 3. The uniform system 4. The clear felling system A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
114	90114	Which one of the following is not matched correctly? 1.World Meteorological Day - 23rd April 2.World Forest Day - 21st Mrach 3.World Water Day - 22nd March 4.International Earth Day - 22nd April Choose the correct answer from the given below choices 1. 1 only 2. 2 only 3. 3 only 4. 4 only	4.0	1.00

		A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
115	90115	In context of Forest Conservation " NAVDANYA" movement to promote biodiversity conservation, organic farming, rights of farmer's and process of seed saving was founded in 1987 by_____. 1. P. Hedge 2. Baba Amte 3. Vandana Shiva 4. Medha Patkar A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
116	90116	The organic matter is calculated by multiplying the organic carbon value by a conversion factor _____ on the assumption that soil organic matter contains 58 per cent carbon 1. 1.724 2. 1.247 3. 1.110 4. 1.234 A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
117	90117	_____ and _____ types of clay minerals are dominant in acid soils 1. Kaolinite and Illite 2. Illite and Nontronite 3. Kaolinite and Montmorillonite 4. Montmorillonite and Nontronite	4.0	1.00

		A1 : 1 A2 : 2 A3 : 3 A4 : 4		
Objective Question				
118	90118	In Wind Erosion Equation, E = f (I C K L V) suggested by Chepil and Woodruff(1963) to calculate soil loss Where " I "stands for: 1. Soil Erodibility 2. Soil Erosivity 3. Soil Surface Roughness 4. Vegetation Cover A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
119	90119	_____ is the ratio of the volume of a tree or its parts to the volume of a cylinder having same length and cross section as the tree. 1. Form Point 2. Form Class 3. Taper 4. Form Factor A1 : 1 A2 : 2 A3 : 3 A4 : 4	4.0	1.00
Objective Question				
120	90120	The name 'Sundarban' means "beautiful forest" and it is believed to be derived from a mangroove tress species_____. 1. *Heritiera fomes* 2. *Rhizophora mangle* 3. *Avicennia germinans* 4. *Laguncularia racemosa*	4.0	1.00

		A1 : 1 A2 : 2 A3 : 3 A4 : 4		

Entrance Exams

- Agricultural Entrance Exams
- Architecture Entrance Exam
- Arts and Humanities Entrance Exams
- Commerce Entrance Examinations
- Common Entrance Examinations
- Computer Application Entrance Exams
- Design Entrance Exams
- Education Entrance Exams
- Engineering Entrance Exams
- Hotel Management Entrance Exams
- Law Entrance Exams
- MBA Entrance Exams
- Media & Journalism Entrance Exams
- Medical Entrance Exams
- Nursing Entrance Exams
- Pharmacy Entrance Exams
- Science Entrance Exams
- Diploma & Polytechnic
- Lateral Entry