PREVIEW QUESTION BANK

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

Sr. No.		Question ID		Que	stion Body and Alternatives Ma	ırks	Negati Mark
	ctive Que	estion					
	1601	Forests (Group 3). 1. Andamans mo 2. South Indian r 3. Northern trop	eth's (1968) classifi pist deciduous fores moist deciduous for ical wet evergreen t moist deciduous for	ests forests	ts, following sub group does not come under Tropical Moist Deciduo	4.0	0 1.0
		A1:1 A2:2					
		A3:3					
bje	ctive Que	estion					
	1602	Match List I with Lis	st II			4.0) 1.0
		List I		List II			
		(A). Tropical dry eve	ergreen forests	(I). Group 09			
		(B). Subtropical pine	e forests	(II). Group 04			
		(C). Littoral and swa	imp forests	(III). Group 13			
		(D). Himalayan dry t	temperate forests	(IV). Group 07			
		Choose the correct	answer from the o	otions given bel	ow:		
		2. (A) - (III), (B) - 3. (A) - (II), (B) - ((I), (C) - (II), (D) - (II (IV), (C) - (I), (D) - (I (IV), (C) - (III), (D) - (III), (D) - (IV)	l) l)			
		A1:1					
		A2:2					
		A3:3					
		A4:4					
bie	ctive Que	estion					
	ζ						1.0

		Rosin, soap along with aluminur	n sulphate and wax emulsions are added for the paper.		
		1. Beating			
		2. Sizing			
		3. Loading			
		4. Colouring			
		A1:1			
		A2:2			
		42.2			
		A3:3			
		A4:4			
Obje	ctive Que	stion]	
4	1604			4.0	1.00
		Which of the following species	of wood is non refractory woods?		
		1. Anogeissus latifolia			
		2. Syzygium cumini			
		3. Boswellia serata			
		4. Terminalia alata			
		A1:1			
		A2:2			
		A3:3			
		A4:4			
		A4.4			
Obje	ctive Que	stion			
5	1605			4.0	1.00
		Match List I with List II			
		List I	List II		
		(A). Exceptionally strong wood	(I) Anagoiscus latifolia		
		(A). Exceptionally strong wood	(i). Anogeissus tuttjottu		
		(B). Very strong wood	(II). Boswellia serrata		
		(C). Moderately strong twood	(III). Xylia dolabroformis		
		(D). Weak wood	(IV). Cedrus deodara		
		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),			
		3. (A) - (IV), (B) - (III), (C) - (I),			
		4. (A) - (II), (B) - (IV), (C) - (I),	(D) - (III)		
		A1:1			

		A2:2		
		A3:3		
		A5:5		
		A4:4		
Obje	ective Que	estion		-
6	1606		4.0	1.00
		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		
		A2.2		
		A3:3		
		A4:4		
Obje	ective Que	stion		
7	1607		4.0	1.00
		Which one of the following is obtained from fruits of Bixa orellana		
		1. Henna dye		
		2. Annato		
		3. Red dye		
		4. Saffron		
		A1:1		
		A2:2		
		A3:3		
		A3.3		
		A4:4		
Obio	ective Que	estion		
8	1608		4.0	1.00
		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		

		A3:3		
		A4:4		
Obje	ective Que	estion	JI	
9	1609	The floss obtained from is known as Kapok. 1. Cochlospermum religiosum	4.0	1.00
		2. Bombax ceiba 3. Calotropis gigantea 4. Ceiba pentandra		
		A1:1 A2:2		
		A3:3		
		A4:4		
	ective Que	estion		
10	1610	Camphor oil is obtained from wood and leaves of 1. Cinnamomum zeylanica 2. Cinnamomum camphora 3. Eucalyptus citriodora 4. Mentha arvensis A1:1 A2:2 A3:3	4.0	1.00
		A4:4		
	ective Que	estion	4.0	1.00
11	1611	is a general term used for grass- covered plains in temperate zone. 1. Savannas 2. Steppe 3. Taiga 4. Tundra	4.0	1.00
		A2:2 A3:3		
		A4:4		

jective Or				
1612	Match List I wit	h List II		4.0
	List I	List II		
	(A). Sahara Des	ert (I). South Africa		
	(B). Gobi Desert	t (II). South Ameri	са	
	(C). Namib dese	ert (III). North Africa		
	(D). Patagonian	desert (IV). China		
	1. (A) - (IV), (2. (A) - (III), (3. (A) - (II), (I	rect answer from the opt (B) - (I), (C) - (III), (D) - (II) (B) - (IV), (C) - (I), (D) - (II) B) - (I), (C) - (IV), (D) - (III) B) - (III), (C) - (IV), (D) - (I)		
	A1:1			
	A2:2			
	A3:3			
	A4:4			
jective Qu				
jective Qu		h List II		4.0
	Match List I wit	h List II		4.0
	Match List I wit	2017 8 1 9 1/20 Protection of the		4.0
	Match List I wit List I (A). Konai	List II		4.0
	Match List I wit List I (A). Konai (B). Myrobalan	List II (I). Terminalia chebula		4.0
	Match List I wit List I (A). Konai (B). Myrobalan (C). Dhak	(I). Terminalia chebula		4.0

		A4:4				
Ohie	ective Qu	estion				
14	1614	Match List I with	List II		4.0	1.00
		List I	List II			
		(A). Oxalic acid	(I). Semicarpus anacardium			
		(B). Soap nuts	(II). Adenanthera pavonina			
		(C). Bead seeds	(III). Sapindus mukorossi			
		(D). Marking nuts	(IV). Terminalia tomentosa			
		Choose the corre	ct answer from the options gi	iven below:		
		2. (A) - (IV), (B) 3. (A) - (II), (B)	- (I), (C) - (IV), (D) - (II) - (III), (C) - (II), (D) - (I) - (IV), (C) - (I), (D) - (III) - (III), (C) - (I), (D) - (IV)			
		A1:1				
		A2:2				
		A3:3				
		A4:4				
Obje	ective Qu	estion				
15	1615				4.0	1.00
		and	are two important p	products obtained from		
		heartwood of Aca	acia catechu.			
		1. Lac and she				
		2. Turpentine				
		3. Katha and c				
		4. Pyrethrum a	and Rotenone			
		A1:1				
		A2:2				
		A3:3				
		A4:4				
Ohie	ective Qu	estion				
	1616	Couon			4.0	1.00

		The <u>total Forest Cover</u> o	f India is	as per State of Forest Report, 2021.		
		1. 20.21% of geograp	phical area			
		2. 20.71% of geograp				
		3. 22.21% of geograp	hical area			
		4. 21.71%of geograp	hical area			
		A1:1				
		Ai . i				
		A2:2				
		112.2				
		A3:3				
		A4:4				
Obje	ctive Que	stion]	
17	1617				4.0	1.00
		As per State of Forest Re	eport 2021, the total Fo	orest and Tree Cover of India is		
		1. 21.71% of geograp	phical area			
		2. 24.62% of geograp				
		3. 24.21% of geograp				
		4. 21.11% of geograp	phical area			
		A1:1				
		711.1				
		A2:2				
		A3:3				
		A4:4				
Obje	ctive Que	stion				
18	1618				4.0	1.00
		Match List I with List II				
		List I	List II			
		(A). Cinchona officinalis	(I). Anti-Parkinsonian			
		(B). Coleus forskohlii	(II). Heart ailment			
		(2). 301002 (0121011111	(ii) i i cart amirent			
		(C). Mucuna pruriens	(III). Malaria			
		(D). Digitalis purpurea	(IV). Hypertension			
		(D). Digitalis parparea	(iv). Hypertension			
		Choose the correct answ	wer from the options of	iven helow		
		Choose the correct answ	wer from the options g	iven below.		
		1. (A) - (III), (B) - (IV),				
		2. (A) - (I), (B) - (IV), (C				
		3. (A) - (II), (B) - (III), (4. (A) - (IV), (B) - (II), (
			(-) (·)/(-) (···)			
		A1:1				

			A2:2		
			A3:3		
			A4:4		
C	bjec	tive Que	stion		<u> </u>
		1619		4.0	1.00
			As per State of Forest Report 2021 which state has maximum percentage of forest cover of their geographical area 1. Meghalaya		
			2. Mizoram 3. Arunanchal Pradesh 4. Manipur		
			A1:1		
			A2:2		
			A3:3		
			A4:4		
C	biec	tive Que	stion		
2		1620		4.0	1.00
			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		
C	biec	tive Que	stion		
2		1621		4.0	1.00
			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		
			A2:2		
			A3:3		

		A4:4		
Obje	ctive Que	estion estimate the state of th		
22	1622	The shape of crown in Neem (Azadirachta indica) 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
	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		1.00
	ective Que	estion		
24	1624		4.0	1.00

Match List I with List II

List I	List II
(A). Withania somnifera	(I). Tropane
(B). Atropa belladona	(II). Withaferin – A
(C). Ammi majus	(III). Rutin
(D). Fagopyrum esculentum	(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 1625

25

Match List I with List II

List I	List II
(A). Rajasthan.	(I). Gond
(B). Manipur	(II). Birhor
(C). West Bengal	(III). Seharia
(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

4.0 1.00

1626	Match List-I wit		4.0	1
		th liet-II		
	List-I	List-II		
	(A). Clone	(Meaning) (I). Genetically similar individuals		
	3 18			
	(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		
	1. (A) - (I), (B 2. (A) - (I), (B 3. (A) - (III), (rect answer from the options given below: (B) - (II), (C) - (IV), (D) - (III) (B) - (II), (C) - (IV), (D) - (II) (B) - (IV), (C) - (II), (D) - (II) (B) - (I), (C) - (II), (D) - (III)		
	A1:1 A2:2			
	A3:3			
	A4:4			
1627	estion		4.0	1
	Statement (I): I tree. Statement (II): I In light of the al 1. Both State 2. Both State 3. Statement	e two statements: Monoecious refers to the mechanism of production of male and female flowers at different times on the sar Dichogamy refers to the production of male and female flowers separately in two different trees. bove statements, choose the most appropriate answer from the options given below. ement (I) and Statement (II) are correct. ement (I) and Statement (II) are incorrect. t (I) is correct but Statement (II) is incorrect. t (I) is incorrect but Statement (II) is correct.	ne	
	A1:1			
	A2:2			
	A3:3			
	A4:4			
ctive On	estion			
ective Qu	estion		4.0	1

		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		
		4. C, B, E, D, A		
		A1:1		
		A1:1		
		A2:2		
		A3:3		
		A4:4		
		ΑΤ.Τ		
	ctive Que	stion		
29	1629		4.0	1.00
		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		
Obje	tive Que	stion		
30	1630		4.0	1.00
		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		

		A4:4		
Obje	ctive Que	stion		
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		1.00
		A1:1 A2:2		
		A3:3		
		A4:4		
	ctive Que	stion	1	
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
	ctive Que	stion		
33	1633	Given below are two statements related to graft incompitability 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.	4.0	1.00
		A1:1 A2:2		

		A3:3		
		A4:4		
	ective Que	stion		
34	1634		4.0	1.00
		OECD refers to		
		1. Organization for Economic Cooperation and Development		
		2. Organization for Extension of Clonal Development		
		Office of the Elite Clonal Depot Organization for Ecological and Cooperative Development		
		T. Organization for Ecological and Cooperative Sevelopment		
		A1:1		
		AL. I		
		A2:2		
		A3:3		
		A3.3		
		A4:4		
Obje	ective Que	stion	4.0	1.00
		In tissue culture, most popular medium used is MS medium. Here, MS refers to the	4.0	1.00
		Manganese Sulfide Medium Murashige & Skoog medium		
		Multiple Shoot producing medium		
		4. Miller & Smith medium		
		A1:1		
		A2:2		
		A3:3		
		A3:3		
		A4:4		
Obje	ctive Que	stion	4.0	1.00
		The term that refers to "the individual plants which are derived from a single clone" is		1.00
		1. Culm		
		2. Ortet		
		3. Ramet		
		4. Seedlet		
		A1:1		
		A2:2		
		A3:3		

		A4:4		
Obje	ctive Que	stion		
	1637		4.0	1.00
		A3:3 A4:4		
	ctive Que			
		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
Obje	ctive Que	stion		
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	4.0	1.00
		A2:2		
		A3:3 A4:4		

Obje	ctive Que	stion	,,	
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 Al: 1 A2: 2 A3: 3 A4: 4	4.0	1.00
	ctive Que	stion	4.0	1.00
		The zoological name of Lion-tailed macaque is 1. Macaca arctoides 2. Macaca radiata 3. Macaca silenus 4. Macaca mulatta A1:1 A2:2 A3:3 A4:4		
42	1642	What is the common name for Gyps indicus? 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
	1643		4.0	1.00

	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		
	Chaosa the samest appropri	rom the options given below:		
	1. (A) - (III), (B) - (II), (C) - 2. (A) - (IV), (B) - (II), (C) - 3. (A) - (II), (B) - (I), (C) - (I 4. (A) - (III), (B) - (I), (C) - (I	(I), (D) - (IV) (III), (D) - (I) V), (D) - (III)		
	A1:1			
	A2:2			
	A3:3			
	A4:4			
ective Que	stion			
1644			4.0)
	As per Wildlife (Protection) A	ct, 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			
ective Que	stion			
1645	Stion		4.0)
	Most commonly used metho	d for assessing rodent population is		
	1. Line transect count			
	2. Capture-Mark-Recaptu	re technique		
	3. Minimum number alive			
	4. Point sampling			
				- 11

			A2:2		
			A2.2		
			A3:3		
			A4:4		
L					
		tive Que	stion		
4	6	1646	Preservation of genetic materials of threatened trees in cryopreservation is covered under	4.0	1.00
			1. In-situ conservation 2. Ex-situ conservation		
			3. Circa situm conservation		
			4. In-ex-situ conservation		
			A1:1		
			A2:2		
			A3:3		
			A4:4		
		tive Que	stion		
4	7	1647	What type of dormancy is caused by impermeable seed coat?	4.0	1.00
			1. Physical dormancy		
			2. Physiological dormancy		
			3. Endogenous dormancy		
			4. Thermo dormancy		
			A1:1		
			AI.I		
			A2:2		
			A3:3		
			A4:4		
)bier	tive Que	stion		
15		1648	Subil Control of the	4.0	1.00
			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		

		A3:3		
		A4:4		
	ctive Que	estion		'
49	1649		4.0	1.00
		The study of the geographical distribution of plants is called		
		A Fundament		
		1. Endemism		
		Phytogeography Geospatial		
		4. Forest type		
		4. Total type		
		A1:1		
		A2:2		
		A3:3		
		A4:4		
Obje	ctive Que	estion estimate the state of th		
50	1650		4.0	1.00
		Management of a conservation reserve is done as per provisions of theof the Wildlife (Protection) Amendment Act,		
		2002.		
		1. Section 36A		
		2. Section 18A		
		3. Section 36C 4. Section 26A		
		4. Section 20A		
		A1:1		
		A2:2		
		A3:3		
		A3.5		
		A4:4		
	ctive Que	estion	4.0	1.00
31	1031	A F F F R	4.0	1.00
		According to Indian State Forest Report (ISFR) 2021, the per cent forest cover exteremly 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		

		A3:3		
		A4:4		
Ohie	ective Que	stion	<u> </u>	<u> </u>
52	1652	Sului	4.0	1.00
		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 <i>correct</i> 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		
Obie	ective Que	stion		
	1653		4.0	1.00
		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		
Obje	ective Que	stion		
	1654		4.0	1.00
		island located in Andaman Sea is the only active volcano in India.		
		1. Barren		
		2. Sumatra		
		3. Lahars		
		4. Myana		

		A1:1		
		A2:2		
		A3:3		
		A4:4		
01.	<u> </u>	·		
	ctive Que		4.0	1.00
33	1033	Select the correct matched ones:	4.0	1.00
		(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		
Obje	ctive Que	stion		
	1656		4.0	1.00
		In wind erosion equation , E=f(IKCLV) , I stands for :		
		1. Soil erodibility index		
		Soil erosivity index Wind velocity		
		4. Wind duration		
		4. Wind duration		
		A1:1		
		A2:2		
		A3:3		
		A4:4		
		ד. דת		
Obje	ctive Que	stion		
57	1657		4.0	1.00

		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		
		A2:2 A3:3		
		A4:4		
Obje	ctive Que	stion	<u> </u>	
	1658		4.0	1.00
		A1:1 A2:2		
		A3:3		
		A4:4		
Obje	ctive Que	stion		
	1659		4.0	1.00
		A1:1		
		A2:2		
		A3:3		
		A4:4		

	ctive Que	stion		
60	1660	Which of the following is indicator plant of Sal (Shorea robusta)? 1. Clerodendrum sp.	4.0	1.00
		2. Flamengia spp		
		3. Artrmesia roxburghii		
		4. Rubus ellipticus		
		A1:1		
		A2:2		
		A3:3		
		A4:4		
Obje	ctive Que	estion		
61	1661		4.0	1.00
		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		
		141.1		
	ctive Que	stion		
62	1662		4.0	1.00
		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		
	<u> </u>			
Obje	ctive Que	stion		

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
Obje	ctive Que	stion		
64	1664	SUUI SUUI	4.0	1.00
		If the pH of soil >8.5; EC of saturated extract >4.0 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		
Obje	ctive Que	stion		
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
		stion		11
66	1666		4.0	1.00

		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		
		A2:2 A3:3 A4:4		
L				
Ol 67	ojective Que	stion	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		
	ojective Que	stion		lla -
68	1668		4.0	1.00

		Which of the following is a Teak defoliator? 1. Hyblaea puera 2. Plecoptera reflexai 3. Hoplocerambyx spinicornis 4. Eutectona machaeralis A1:1				
		A3:3 A4:4				
	Objective Question					
69	1669	The fungus causing myrtle rust in Eucalyptus : 1. Austropuccinia psidii 2. Fomes spp. 3. Ganoderma lucidum 4. Polyporus shoreae	4.0	1.00		
		A1:1 A2:2 A3:3 A4:4				
		A4.4				
Obie	ctive Que	stion				
	1670	Which of the following is total parasite : 1. Cassytha filiformis 2. Vicium spp. 3. Ganoderma lucidum 4. Arceuthobium spp.	4.0	1.00		
		A1:1 A2:2 A3:3 A4:4				
	ctive Que		4.0	1.00		
71	1671		4.0	1.00		

		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		
Ohie	ctive Que	stion		
72	1672	Which of the following pair of gases contributed to "Acid rain"? 1. Methane and ozone 2. Sulphur dioxide and nitrous oxides 3. Methane and sulpher dioxide 4. Carbon dioxide and sulpher dioxide A1:1 A2:2 A3:3 A4:4	4.0	1.00
Obje	ctive Que	stion		
73	1673	TZ test is used for testing 1. Seed germinability 2. Seed viability 3. Seed moisture content 4. Seed physical purity A1:1 A2:2 A3:3 A4:4	4.0	1.00
Obje	ctive Que	stion		
	1674		4.0	1.00

		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		
		A3:3		
		A4:4		
		A4:4		
Ohie	ective Que	stion		<u> </u>
75 1675 4.0 1				1.00
		The value of the timber in a forest stand is referred to as it's		
		4.6		
		Stumpage Value Timber Value		
		3. Salvage Value		
		4. NPV value		
		T. TV YORK		
		A1:1		
		A2:2		
		A3:3		
		A4:4		
	ective Que			
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. ± (D tane)/2		
		2. ± (L/D) tane × 100		
		3. ± D (sece-1)		
		4. D tane		
		A1:1		
		AL.1		
		A2:2		
		112.2		
	11			

		A3:3		
		A4 : 4 		
Object	ive Que	setion		
	.677	SUUI	4.0	1.00
		Clements is mainly responsible for the following theory.		
		1. Poly climax		
		2. Mono climax		
		3. Mosiac		
		4. Multiclimax		
		4. Multiclimax		
		A1:1		
		A2:2		
		A3:3		
		A4:4		
Object	ive Que	estion		
78 1	678		4.0	1.00
		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.		
		Y 2 WAS		
		1. Reserved forest		
		2. Protected forest		
		3. Village forest		
		4. Panchayat forest		
		A1:1		
		A2:2		
		A3:3		
		A4:4		
	ive Que	stion	4.0	1.00
		The instruments based on trigonometric principles used for tree height measurement are:		1.00
		1. Brandis hypsometer, Abney's level and Haga altimeter		
			II.	
		2. Abney's level, Haga altimeter and Improvised calliper		
11 11		3. Christian hypsometer, Improvised calliper and Haga altimeter		
		3. Christian hypsometer, Improvised calliper and Haga altimeter		
		3. Christian hypsometer, Improvised calliper and Haga altimeter		
		3. Christian hypsometer, Improvised calliper and Haga altimeter 4. Brandis hypsometer and Christian hypsometer		
		3. Christian hypsometer, Improvised calliper and Haga altimeter 4. Brandis hypsometer and Christian hypsometer		
		3. Christian hypsometer, Improvised calliper and Haga altimeter 4. Brandis hypsometer and Christian hypsometer A1:1		
		3. Christian hypsometer, Improvised calliper and Haga altimeter 4. Brandis hypsometer and Christian hypsometer A1:1		

		A4:4		
Obie	ective Que	stion		
80	1680		4.0	1.00
	1000	Based on the physiognomy, aqua silviculture may be grouped as one of the following systems	7.0	1.00
		1. Xeromorphic		
		2. Hygromophic		
		3. Hydromorphic		
		4. Mesomorphic		
		A1:1		
		A2:2		
		72.2		
		A3:3		
		A4:4		
Ohio	ective Que	otion.		
81	1681		4.0	1.00
01	1001	Which of the following silvicultural system is used for diffused regeneration?	7.0	1.00
		A Collection and the Collection of the Collectio		
		1. Selection system		
		2. Clear felling system		
		3. Uniform shelter wood system		
		4. Improvement felling system		
		A1:1		
		ALL		
		A2:2		
		A3:3		
		A4:4		
Obie	ective Que	stion		
82	1682		4.0	1.00
		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		
		AL.1		
		A2:2		
		A3:3		
		A4:4		
Obie	ective Que	stion		

83	1683	Which one of the following is different from other sampling methods?	4.0	1.00
		1. Multistage sampling 2. Multiphase sampling 3. Stratified sampling 4. Systematic sampling		
		A1:1		
		A2:2 A3:3		
		A4:4		
	ctive Que	stion		
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 m ³ 1. 2150 m ³ 2. 2050 m ³ 3. 2500 m ³ 4. 3500 m ³		1.00
		A1:1 A2:2		
		A3:3		
		A4:4		
Obje	ective Que	stion		
85	1685	Stumpage refers to the following one of the statements	4.0	1.00
		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		
Obje	ective Que			
86	1686		4.0	1.00

		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		
		A4:4		
Obje	ctive Que	stion		
87	1687	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		1.00
Obie	ctive Que	stion		
88	1688	Choose the incorrect answer from the following pairs which is not matching. 1. Epiphyte – Ficus bengalensis 2. Partial parasite – Loranthus longiflorus 3. Total parasite – Cuscuta reflexa 4. Semi root parasite – Butea superba A1:1 A2:2 A3:3	4.0	1.00
Obje	ctive Que	stion		
89	1689		4.0	1.00

		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		
Obje	ctive Que	stion		
90	1690	The method of sampling adopted in Bamboo enumeration is 1. Multistage sampling 2. Multiphase sampling 3. Random sampling 4. Stratified sampling Al: 1 A2: 2 A3: 3 A4: 4	4.0	1.00
Obje	ctive Que	stion		
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
	ctive Que		4.0	1.00
92	1692		4.0	1.00

		Root pruning is also called as 1. Root modification 2. Wrenching 3. Rooting 4. Pricking out A1:1 A2:2 A3:3 A4:4		
Obje	ctive Que	stion		
	1693		4.0	1.00
		The forest which owes its existence to its proximity to water course is knowns as		
		1. Riparian forest		
		2. Littoral forest		
		3. Virgin forest		
		4. Shola forest		
		A1:1		
		A2:2		
		A3:3		
		A4:4		
Ohie	ctive Que	stion		
	1694		4.0	1.00
		Topping is done to restrict growth of seedlings		
		1. Root		
		2. Height		
		3. Collar		
		4. Diameter		
		A1:1		
		Al: I		
		A2:2		
		A3:3		
		A4:4		
Obje	ctive Que	stion		
	1695		4.0	1.00

		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		
		AZ:Z		
		A3:3		
		7.5		
		A4:4		
Obje	ctive Que	stion		
96	1696		4.0	1.00
		Opening of cone in Cedrus deodar is favoured by one the following weather conditions.		
		1. Wet		
		2. Rainy		
		3. Snowy		
		4. Hot and sunny		
		A11		
		A1:1		
		A2:2		
		AZ . Z		
		A3:3		
		A4:4		
Obje	ctive Que	stion		
	1697		4.0	1.00
		A cup which is made of leaves is known as		
		1. Root trainers		
		2. Donas		
		3. Baskets		
		4. Polybags		
		A1:1		
		AL. I		
		A2:2		
		142.2		
		A3:3		
		A4:4		
Obje	ctive Que	stion		
98	1698		4.0	1.00
11	n II		II.	II .

		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		
C1 :	-4:			
	ctive Que	STION	4.0	1.00
		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	τ.υ	1.00
		A1:1 A2:2		
		A3:3		
		A4:4		
Ohio	ctive Que	otion.		
	1700	Suluii	4.0	1.00
		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		
Ohie	ctive Que	stion		
	1701	50VII	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		
	ctive Que	stion		
	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
Obje	ctive Que	stion		
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
Obje	ctive Que	stion		
	1704		4.0	1.00

		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		
	ctive Que	stion	4.0	1.00
105	1705		4.0	1.00
		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 most appropriate 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		
Obje	ctive Que	stion		
106	1706		4.0	1.00
		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		

01: 4: 0	·		
Objective Que	suon	4.0	1.00
	Identify tree species which is not suitable for agroforestry systems of arid region		
	1. Albizia lebbeck		
	Acacia tortilis Paulownia tomentosa		
	3. Paulownia tomentosa 4. Prosopis cineraria		
	4. Prosopis culerand		
	A1:1		
	A2:2		
	A3:3		
	A4:4		
Objective Que	estion		
108 1708		4.0	1.00
	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 most appropriate 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		
Objective Que	estion estimate the second		
109 1709		4.0	1.00
	Identify Non-leguminous Nitrogen Fixing Tree species		
	1. Leucaena		
	1. Leucaena 2. Casuarina		
	3. Erythrina		
	4. Prosopis		
	A1:1		
	A2:2		
	A3:3		

		A4:4		
	ctive Que	stion		
110	1710	Intercropping Leucaena leucocephala and/or Sesbania spp. with jower/maize in same piece of land is called 1. Silvipastural system 2. Agri-silvi-pastural system 3. Multipurpose woodlots 4. Hedgerow cropping A1: 1 A2: 2 A3: 3 A4: 4	4.0	1.00
	ctive Que	stion		
	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
Obje	ctive Que	stion		
112	1712	The most preferred host species for tasar cultivation is 1. Terminalia alata 2. Acacia catechu 3. Ficus religiosa 4. Butea monosperma A1:1 A2:2	4.0	1.00
		A4:4		

Obje	ctive Que	stion		
113	1713	Identify the most prominent species which are grown in the coastal areas. 1. Casuarina equisetifolia and Acacia catechu 2. Casuarina equisetifolia and Grewia optiva 3. Casuarina equisetifolia and Anacardium occidentale 4. Eucalyptus sp. and Grmelina arborea A1:1 A2:2 A3:3	4.0	1.00
Obje	ctive Que	stion		
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
Obje	ctive Que	stion		
115	1715	The species with good pollarding ability is: 1. Hardocoikia binata 2. Mesua ferrea 3. Pterocarpus marsupium 4. Hopea parviflora A1:1 A2:2 A3:3 A4:4	4.0	1.00
	1716		4.0	1.00
11			II .	11 14

II	II I			II.
		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		
		A4.4		
	ective Que	stion	1	11
117	1717		4.0	1.00
		Given below are two statements:		
		Statement (I): "Agroforestry Principles and Practices" is written by AP Dwivedi		
		Statement (i). Agrotorestly enhiciples and enactices is written by Ar 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.		
		in light of the above statements, choose the most appropriate 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		
Obj	ective Que	stion		
118	1718		4.0	1.00
		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		

Obje	Dijective Question					
	1719		4.0	1.00		
Obje	ctive Que	stion				
	1720		4.0	1.00		