

PREVIEW QUESTION BANK

Module Name : Forestry-ENG
Exam Date : 09-Jul-2023 Batch : 14:30-16:30

Sr. No.	Client Question ID	Question Body and Alternatives	Marks	Negative Marks
Objective Question				
1	2001	<p>Which one of the following is not one of the features of parliamentary form of government?</p> <ol style="list-style-type: none"> 1. Majority party rule 2. Collective Responsibility 3. Integrated and Independent Judiciary 4. Dissolution of the lower house <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
Objective Question				
2	2002	<p>Which of the following term implies that 'India is a neither a dependency nor a dominion of any other nation'?</p> <ol style="list-style-type: none"> 1. Socialist 2. Sovereign 3. Secular 4. Democratic <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
Objective Question				
3	2003	<p>Which of the following form the maximum water composition on the earth's surface?</p> <ol style="list-style-type: none"> 1. Oceans 2. Ice caps 3. Glaciers 4. Lakes <p>A1 : 1</p> <p>A2 : 2</p>	4.0	1.00

A3 : 3

A4 : 4

Objective Question

4	2004	Which one of the following does not fall under the category of 'biomes'?	4.0	1.00
		<ol style="list-style-type: none"> 1. Forest 2. Sky 3. Desert 4. Grassland 		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

5	2005	IUCN publishes information about which of the following species as Red List of threatened species?	4.0	1.00
		<ol style="list-style-type: none"> 1. Endangered Species 2. Vulnerable Species 3. Extinct Species 4. Rare Species 		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

6	2006	Who was the first Indian to win an individual medal in Olympics?	4.0	1.00
		<ol style="list-style-type: none"> 1. Milkha Singh 2. Karnam Malleshwari 3. P. T. Usha 4. K. D. Jadhav 		
		A1 : 1		
		A2 : 2		
		A3 : 3		

		A4 : 4		
Objective Question				
7	2007	<p>Who among the following reformers founded "Arya Samaj"?</p> <ol style="list-style-type: none"> 1. Raja Ram Mohan Roy 2. Swami Dayananda Saraswati 3. Atmaram Pandurang 4. Ishwarchandra Vidyasagar <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
Objective Question				
8	2008	<p>What does "Triratna" mean in Buddhism?</p> <ol style="list-style-type: none"> 1. Tripitaka 2. Buddha, Dhamma (dharma), Sangha 3. Satya, Ahimsa, Karuna 4. Sheel, Samadhi, Sangha <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
Objective Question				
9	2009	<p>Who started the Indian Reforms Association?</p> <ol style="list-style-type: none"> 1. Narayan Guru 2. Swami Vivekananda 3. Krishna swami Aiyar 4. Keshav Chandra Sen <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
Objective Question				

10	2010	<p>Consider the following statements</p> <p>(A). UN General Assembly has declared 2023 as the international year of millets</p> <p>(B). Odisha govt. ropes in FICCI to promote millets globally</p> <p>(C). Odisha Millets Mission is a flagship programme of the Odisha government to revive millets in farms and on plates</p> <p>Choose the correct answer from the options given below:</p> <ol style="list-style-type: none"> 1. (A) and (B) only. 2. (B) and (C) only. 3. (A) and (C) only. 4. (A), (B) and (C). <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

11	2011	<p>Phomopsis blight occurs in which of the following crops?</p> <ol style="list-style-type: none"> 1. Brinjal 2. Bajra 3. Sugarcane 4. Potato <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

12	2012	<p>Endemic pests can be described as?</p> <ol style="list-style-type: none"> 1. Pest occurs in a few specific area. 2. Pest occurs in same area, year after year. 3. Pest occurs frequently in current season in abundance. 4. Pest occurs in severe form. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p>	4.0	1.00
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A4 : 4

Objective Question

13	2013	<p>Which country is the largest producer of raw silk?</p> <ol style="list-style-type: none"> 1. Japan 2. India 3. China 4. South Korea <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

14	2014	<p>Transfer of Ownership is the example of which utility.....</p> <ol style="list-style-type: none"> 1. Time utility 2. Place utility 3. Possession utility 4. Form utility <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

15	2015	<p>What happens to the total number of chromosomes during mitotic cell division?</p> <ol style="list-style-type: none"> 1. gets doubled 2. gets halved 3. remains the same 4. divides into four <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

16	2016	<p>What is the minimum forest cover to be maintained as per the National Forest Policy, 1988?</p> <ol style="list-style-type: none"> 1. One-half 2. One-third 3. One-fourth 4. Two-third <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

17	2017	<p>Who among the following is known as the "Father of Agronomy"?</p> <ol style="list-style-type: none"> 1. Stephen Hales 2. Gregor Johann Mendel 3. Peter Decresenzi 4. D N Walia <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

18	2018	<p>Which of the following plant hormones helps in shoot elongation?</p> <ol style="list-style-type: none"> 1. Auxin 2. Gibberellic acid 3. Absciscic acid 4. Cytokinin <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

19	2019		4.0	1.00
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Select from the following the chemical property of soil.....

1. Colour
2. pH
3. Texture
4. Structure

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

20 2020

The process of separating quality grains from chaff is called as.....

1. Winnowing
2. Threshing
3. Harvesting
4. Tilling

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

21 151001

The ionic product of water at 25°C is

1. 10^{-14}
2. 10^{-7}
3. 10^{-8}
4. 10^{-10}

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

22 151002

4.0 1.00

The value of void ratio ranges from

1. 0.3 – 2.0
2. 0.2 - 3.0
3. 1.0 - 3.0
4. 4.0 - 5.0

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

23	151003	<p>The ideal soil moisture range for optimum plant growth is</p> <ol style="list-style-type: none"> 1. Zero water suction 2. Water suction between 0 and 0.3 bar 3. Water suction between 0.3 and 5 bar 4. Water suction between 0.3 bar and 15 bar <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

24	151004	<p>The albedo of the crop surface ranges from</p> <ol style="list-style-type: none"> 1. 23-30% 2. 33-55% 3. 1-15% 4. 15-40% <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

25	151005		4.0	1.00
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The source of fast neutron in neutron moisture meter is a mixture of

1. Americium-beryllium
2. Boron trifluoride (BF₃)-Cesium
3. Radium-amerium
4. Radium-BF₃

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

26 151006 4.0 1.00

The process by which the moving colloids generate electric potential in colloidal dispersion is known as

1. Electrophoresis
2. Electro-osmosis
3. Streaming potential
4. Sedimentation potential

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

27 151007 4.0 1.00

If larger the swath of a sensor, temporal resolution

1. increases
2. decreases
3. remains constant
4. first increases, then decreases

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

28 151008 4.0 1.00

The difference in intensity between the highest and the lowest intensity levels in an image is

1. Noise
2. Saturation
3. Contrast
4. Brightness

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

29	151009	<p>Bilinear interpolation is the type of interpolation where intensity of the new location is weighted average of</p> <ol style="list-style-type: none"> 1. Four pixels 2. Immediate pixel 3. Eight pixels 4. Sixteen pixels <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

30	151010	<p>An UTM zone is ----- wide.</p> <ol style="list-style-type: none"> 1. 8 degree 2. 6 degree 3. 10 degree 4. 4 degree <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

31	151011		4.0	1.00
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A 1: 100000 scale map relates 1 cm on the map to _____ on the ground.

1. 100 m
2. 1 km
3. 10 km
4. 1 m

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

32	151012	<p>What does FWHM stand for?</p> <ol style="list-style-type: none"> 1. Full Width at Half Magnitude 2. Full Width at Half Maximum 3. Full Width at High Magnitude 4. Full Width at High Maximum <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

33	151013	<p>Which is a method of unsupervised classification</p> <ol style="list-style-type: none"> 1. Maximum likelihood classifier 2. Parallelepiped classifier 3. Minimum distance to mean classifier 4. ISODATA classifier <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

34	151014		4.0	1.00
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1 Rutherford is equal to

1. 3.7×10^{10} Bq
2. 10^6 Bq
3. 37 GBq
4. 2.58×10^{-4} C/Kg

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

35 151015

The 'Law of the Minimum' was given by

1. RK Schofield (1840)
2. Justus von Liebig (1840)
3. EW Hillgard (1840)
4. RW Russel (1840)

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

36 151016

What are the diameter and depth of Class A pan-evaporimeter ?

1. 1207 mm and 254 mm, respectively
2. 1107 mm and 284 mm, respectively
3. 1287 mm and 284 mm, respectively
4. 1107 mm and 254 mm, respectively

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

37 151017

4.0 1.00

Latent heat of vaporization of water is

1. 689 cal/gm
2. 585 cal/gm
3. 515 cal/gm
4. 495 cal/gm

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

38	151018	<p>The model which explains not only the relationship between weather parameters and yield but also explains the mechanism of influencing dependent variables is known as</p> <p>(A). Statistical model</p> <p>(B). Descriptive models</p> <p>(C). Mechanistic models</p> <p>Choose the correct answer from the options given below:</p> <ol style="list-style-type: none"> 1. (A), (B) and (C). 2. (A) and (B) only. 3. (B) only 4. (C) only. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

39	151019	<p>Full form of CERES model is</p> <ol style="list-style-type: none"> 1. Crop Environment Resource Synergy 2. Crop Ensemble Resource Synthesis 3. Crop Environment Resource Synthesis 4. Cultivar Environment Resource Synergy <p>A1 : 1</p> <p>A2 : 2</p>	4.0	1.00
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A3 : 3

A4 : 4

Objective Question

40 151020

4.0 1.00

What is the purpose of weather alerts and warnings?

1. To provide information to the public about current and upcoming weather conditions that could be dangerous or disruptive.
2. To promote tourism during favorable weather conditions.
3. To encourage people to participate in outdoor activities.
4. To educate the public about weather forecasting techniques.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

41 151021

4.0 1.00

What factors can affect the accuracy of weather forecasts?

1. The complexity of the atmosphere, the quality and quantity of data available, and the limitations of computer models and forecasting techniques.
2. The color of the sky, the number of birds in the area, and the humidity of the soil.
3. The time of day, the direction of the wind, and the phase of the moon.
4. The type of clouds in the sky, the shape of the mountains, and the distance from the ocean.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

42 151022

4.0 1.00

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

List-I	List-II
(Terminology)	(Expression)
(A). Potential evapotranspiration	(I). The sum of volume of water taken by vegetation for transpiration and evaporation from soil plus water used by the plant for metabolic processes The sum of volume of water taken by vegetation for transpiration and evaporation from soil plus water used by the plant for metabolic processes
(B). Reference crop evapotranspiration	(II). Rate of evapotranspiration from an extended surface of 8 – 15 cm tall green grass cover of uniform height actively growing, completely shading the ground and not short of water (mm day ⁻¹)
(C). Actual crop evapotranspiration	(III). The maximum water lost through evaporation from wet soil and transpiration from a short cut grass, covering ground completely, under unlimited water supply
(D). Consumptive use	(IV). Rate of evapotranspiration equal to or smaller than predicted ET crop as affected by a level of available soil water, salinity, field size or other causes (mm day ⁻¹)

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

43	151023	The Arabian Sea Branch of Southwest Monsoon first hits	4.0	1.00
		<ol style="list-style-type: none"> 1. Eastern ghat 2. Vindhaychal 3. Deccan Plateau 4. Western ghat 		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

44	151024		4.0	1.00
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Which of the following is a synoptic scale phenomenon?

1. Cyclone
2. Thunderstorm
3. Dust whirl
4. Cols

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

45 151025

4.0 1.00

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

List-I	List-II
(A). Evaporation	(I). 80 cal/g latent heat released
(B). Melting	(II). 540cal/g latent heat is used
(C). Freezing	(III). 540cal/g latent heat is released
(D). Condensation	(IV). 80cal/g latent heat is used

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

46 151026

4.0 1.00

Given below are two statements:

Statement (I): Doldrums are equatorial belts of low calm and variable winds due to negligible pressure gradient

Statement (II): ITCZ are also called doldrums located between 5°N and 5°S

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 Question

47 151027

The general circulation of the earth is

1. Frontal
2. Unicellular
3. Bi-cellular
4. Tri-cellular

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question

48 151028

What is the meaning of 'Meteoro' from which the word "Meteorology" derived?

1. Meteoro is a greek word and means above the earth surface
2. Meteoro is greek word and does not mean above the earth surface
3. Meteoro is latin word and means above the earth surface
4. Meteoro is latin word and does not mean above the earth surface

A1 : 1

A2 : 2

A3 : 3

A4 : 4

4.0 1.00

Objective Question				
49	151029	<p>The longest possible duration of insolation in 40 to 50 degree N latitude is</p> <ol style="list-style-type: none"> 1. 10 to 11 hours 2. 12 to 13 hours 3. 15 to 16 hours 4. 17 to 18 hours <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00

Objective Question				
50	151030	<p>Given below are two statements:</p> <p>Statement (I): Entropy is the measure of unavailable energy resulting from transformation</p> <p>Statement (II): Entropy indicates the general index of disorder associated with energy degradation viz. low entropy means low amount of disorders or unavailable energy in the system.</p> <p>In light of the above statements, choose the <i>most appropriate</i> answer from the options given below.</p> <ol style="list-style-type: none"> 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. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00

Objective Question				
51	151031	<p>The Royal Bengal Tiger (<i>Panthera tigris</i>) is one of the charismatic carnivores in the Indian subcontinent is a / an</p> <ol style="list-style-type: none"> 1. Threatened species as per WWF on Red List 2. Vulnerable species as per IUCN on Red List 3. Endangered species as per NTCA on Red List 4. Endangered species as per IUCN on Red List <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p>	4.0	1.00

A4 : 4

Objective Question

52	151032	<p>Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).</p> <p>Assertion (A) : Forest Survey of India (FSI) was founded in June 1981 with headquartered at Dehradun in Uttarakhand.</p> <p>Reason (R) : The First- India's State of Forest Report (ISFR) was released in the 1987 by Forest Survey of India.</p> <p>In light of the above statements, choose the <i>correct</i> answer from the options given below.</p> <ol style="list-style-type: none"> 1. Both (A) and (R) are true and (R) is the correct explanation of (A). 2. Both (A) and (R) are true but (R) is NOT the correct explanation of (A). 3. (A) is true but (R) is false. 4. (A) is false but (R) is true. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

53	151033	<p>The headquarter of National Biodiversity Authority (NBA) is located at:</p> <ol style="list-style-type: none"> 1. Chennai 2. Bangalore 3. Hyderabad 4. Dehradun <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

54	151034	<p>The frequency of publication of the journal "Range Management & Agroforestry" by the Range Management Society of India is:</p> <ol style="list-style-type: none"> 1. Two issues in a year 2. Three issues in a year 3. Four issues in a year 4. Six issues in a year <p>A1 : 1</p> <p>A2 : 2</p>	4.0	1.00
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		A3 : 3		
		A4 : 4		

Objective Question

55	151035	<p>Making a historic moment for India's cheetah reintroduction project, the Namibian cheetahs were released in _____ National Park of India.</p> <ol style="list-style-type: none"> 1. Kanha 2. Pench 3. Kuno 4. Panna <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

56	151036	<p>The order of top 3 species of forest having highest percentage in total growing stock in the country's forests is:</p> <ol style="list-style-type: none"> 1. <i>Shorea robusta</i>, <i>Tectona grandis</i>, <i>Pinus roxburghii</i> 2. <i>Tectona grandis</i>, <i>Shorea robusta</i>, <i>Anogeissus latifolia</i> 3. <i>Anogeissus latifolia</i>, <i>Linea coromandelica</i>, <i>Shorea robusta</i> 4. <i>Linea coromandelica</i>, <i>Pinus roxburghii</i>, <i>Shorea robusta</i> <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

57	151037	<p>Given below are two statements:</p> <p>Statement (I): Total bamboo bearing area of the country has been estimated to be 15.0 million ha and Madhya Pradesh has maximum bamboo bearing area followed by Arunachal Pradesh, Maharashtra and Odisha.</p> <p>Statement (II): As per the ISFR- 2021, the total bamboo bearing area in the country has decreased in comparison to ISFR-2019.</p> <p>In light of the above statements,choose the <i>most appropriate</i> answer from the options given below.</p> <ol style="list-style-type: none"> 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. <p>A1 : 1</p>	4.0	1.00
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A2 : 2

A3 : 3

A4 : 4

Objective Question

58	151038	<p>The merger of ICRAF and CIFOR became effective on</p> <ol style="list-style-type: none"> 1. 22nd May, 2021 2. 1st January, 2019 3. 21st March, 2022 4. 1st January, 2023 <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

59	151039	<p>Given below are two statements:</p> <p>Statement (I): ICAR initiated a network project for organized research in 1983 i.e., All India Coordinated Research Project on Agroforestry.</p> <p>Statement (II): The National Research Centre for Agroforestry (NRCAF), as a unit of ICAR was established on 8 May 1988 and renamed as Central Agroforestry Research Institute (CAFRI) in December, 2014.</p> <p>In light of the above statements, choose the <i>most appropriate</i> answer from the options given below.</p> <ol style="list-style-type: none"> 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. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

60	151040		4.0	1.00
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Which among the following is the recently added wetland to the Ramsar sites in India?

1. Hygam Wetland Conservation Reserve
2. Chandra taal lake
3. Harike wetland
4. Tsomoriri lake

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

61 151041

4.0 1.00

Consider the following statements

Statement (I): GOBAR-DHAN Yojana aims to focus on managing and converting cattle dung and solid waste in farms to compost, biogas and bio-CNG.

Statement (II): It was announced in 2017-18 budget speech.

Which of the above statement(s) is/are correct?

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 Question

62 151042

4.0 1.00

Under the Sustainable Alternative Towards Affordable Transportation (SATAT) *scheme*, which one is being promoted as an alternative transport fuel.

1. CNG
2. LPG
3. PNG
4. CBG

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

63 151043

4.0 1.00

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

List-I	List-II
(SDG)	(Focus area)
(A).SDG 10	(I). Climate change
(B).SDG 13	(II).Life on land
(C). SDG 14	(III). Reduced inequalities
(D). SDG 15	(IV).Life under water

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

64 151044

4.0 1.00

Which of the following statements is correct?

- The tides are a conventional source of energy
- The sun is a conventional source of energy
- The wind is a conventional source of energy
- Dried dung is a conventional source of energy

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

65 151045

4.0 1.00

Which of the following statements gives the correct meaning of absorptive capacity?

1. Absorptive capacity is defined as the ability of our environment to absorb degradation
2. Absorptive capacity is defined as the method of resource generation that is within the assimilating capacity of our environment
3. Absorptive capacity is defined as the average number of organisms that are living within a given environment
4. Absorptive capacity is defined as the minimum population that is currently surviving in the world

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

66	151046	<p>The places where plant preservation takes place by providing artificial treatment to them to prevent these plants from getting extinct is known as:</p> <ol style="list-style-type: none"> 1. Sanctuary 2. National park 3. Cryopreservation 4. Botanical garden <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

67	151047	<p>Out of the following, which is NOT an in situ conservation site?</p> <ol style="list-style-type: none"> 1. Biosphere reserve 2. Zoological park 3. Sanctuaries 4. National park <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

68	151048		4.0	1.00
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In our country, there have been several attempts to increase the height of several dams that already exist, such as Tehri and Almati, and dams across Narmada. Out of the following, choose the correct statements that are a consequence or a disadvantage of raising the height of the dams

- (A). The displacement of the people and domestic animals residing in that area.
- (B). Complete destruction of the terrestrial flora and fauna.
- (C). It will generate a lot of employment for people.
- (D). Permanent loss of valuable agricultural land.

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

1. (A), (B) and (C) only.
2. (A), (B) and (D) only.
3. (A), (B), (C) and (D).
4. (B), (C) and (D) only.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

69	151049	<p>Bundhis, Kattas, Khadins, Ahars are ancient structures built for</p> <ol style="list-style-type: none"> 1. Soil conservation 2. Storage of grain 3. Water Harvesting 4. Storage of wood <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

70	151050	<p>A student studies that the construction of a water harvesting system in a region can help conserve water. How can the construction of this system help a region?</p> <ol style="list-style-type: none"> 1. It will reduce the occurrence of droughts 2. It will reduce the percolation of rainwater 3. It will replenish surface water like rivers 4. It will increase the speed of flow of surface runoff <p>A1 : 1</p>	4.0	1.00
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A2 : 2

A3 : 3

A4 : 4

Objective Question

71	1003001	<p>Match List-I with List-II</p> <table border="1"> <thead> <tr> <th>List-I</th> <th>List-II</th> </tr> <tr> <th>(Type sub-group)</th> <th>(Group name)</th> </tr> </thead> <tbody> <tr> <td>(A). Type 1A/C₁</td> <td>(I). Andaman tropical evergreen forest</td> </tr> <tr> <td>(B). Type 1A/C₂</td> <td>(II). Southern hill-top tropical evergreen forest</td> </tr> <tr> <td>(C). Type 1A/C₃</td> <td>(III). Giant evergreen forest</td> </tr> <tr> <td>(D). Type 1A/C₄</td> <td>(IV). West coast tropical evergreen forest</td> </tr> </tbody> </table> <p>Choose the correct answer from the options given below:</p> <ol style="list-style-type: none"> (A) - (I), (B) - (II), (C) - (III), (D) - (IV) (A) - (IV), (B) - (III), (C) - (II), (D) - (I) (A) - (III), (B) - (I), (C) - (II), (D) - (IV) (A) - (II), (B) - (IV), (C) - (I), (D) - (III) <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	List-I	List-II	(Type sub-group)	(Group name)	(A). Type 1A/C ₁	(I). Andaman tropical evergreen forest	(B). Type 1A/C ₂	(II). Southern hill-top tropical evergreen forest	(C). Type 1A/C ₃	(III). Giant evergreen forest	(D). Type 1A/C ₄	(IV). West coast tropical evergreen forest	4.0	1.00
List-I	List-II															
(Type sub-group)	(Group name)															
(A). Type 1A/C ₁	(I). Andaman tropical evergreen forest															
(B). Type 1A/C ₂	(II). Southern hill-top tropical evergreen forest															
(C). Type 1A/C ₃	(III). Giant evergreen forest															
(D). Type 1A/C ₄	(IV). West coast tropical evergreen forest															

Objective Question

72	1003002	<p>The initial causes of primary succession are:</p> <ol style="list-style-type: none"> 1. Climate, Physiography, Biotic factors 2. Migration, Competition, Reaction 3. Erosion, Physiography, Elevation and subsidence 4. Erosion, Ecesis, Aggregation <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

73	1003003		4.0	1.00
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Given below are two statements:

Statement (I): In the ecto-trophic mycorrhiza type, the fungi usually belong to Phycomyces and form a mantle over the rootlets and hyphae usually radiate from the mantle.

Statement (II): In the endo-trophic mycorrhiza type, the fungi usually belong to Basidiomycetes and are present in the form of individual to grow into the intercellular space hyphae.

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 Question

74	1003004	<p>Given below are two statements:</p> <p>Statement (I): Wildlife Protection Act, 1972 is the basic law governing wildlife in India having 7 chapters and 66 sections and 6 schedules.</p> <p>Statement (II): The Indian Forest Act, 1927 amended in 1952 is the main legislation dealing with forests in India having 23 chapters and 96 sections.</p> <p>In light of the above statements, choose the <i>most appropriate</i> answer from the options given below.</p> <ol style="list-style-type: none"> 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. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

75	1003005	<p>As per the ISFR-2021, the maximum carbon stock has been stored in:</p> <ol style="list-style-type: none"> 1. Tropical Dry Deciduous Forest 2. Tropical Moist Deciduous Forest 3. Tropical Semi-evergreen Forest 4. Tropical Wet Evergreen Forest <p>A1 : 1</p>	4.0	1.00
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A2 : 2

A3 : 3

A4 : 4

Objective Question

76	1003006	<p>Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).</p> <p>Assertion (A) : The thinning primarily directed to dominant trees in a regular crop, the less promising ones being removed in the interest best available dominated and suppressed stems unless they are dead, dying and diseased under 'Thinning from above'.</p> <p>Reason (R) : The basic principle underlying for this is that the trees which show signs of success in the struggle for existence forming the dominant canopy and promise good value as future crop should be helped by felling inferior trees from dominant class.</p> <p>In light of the above statements, choose the <i>correct</i> answer from the options given below.</p> <ol style="list-style-type: none"> 1. Both (A) and (R) are true and (R) is the correct explanation of (A). 2. Both (A) and (R) are true but (R) is NOT the correct explanation of (A). 3. (A) is true but (R) is false. 4. (A) is false but (R) is true. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

77	1003007	<p>If 3200 plants of <i>Gmelina arborea</i> are to be planted in a hectare in quincunx design, find out the spacing between plants</p> <ol style="list-style-type: none"> 1. 2m x 2m 2. 2.5m x 2.5m 3. 3m x 3m 4. 3.5m x 3.5m <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

78	1003008		4.0	1.00
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Match **List-I** with **List-II**

List-I	List-II
(Ordinary thinning)	(Grades of ordinary thinning)
(A). Moderate thinning	(I). A Grade
(B). Heavy thinning	(II). B Grade
(C). Light thinning	(III). D Grade
(D). Very heavy thinning	(IV). C Grade

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

79 1003009

4.0 1.00

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

List-I	List-II
(Stem/root modification)	(Example)
(A). Prop roots	(I). <i>Rhizophora mucronata</i>
(B). Stilt roots	(II). <i>Bruguiera gymnorrhiza</i>
(C). Pneumatophore	(III). <i>Ficus bengalensis</i>
(D). Haustorial roots	(IV). <i>Viscum album</i>

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

80	1003010	<p>Match List-I with List-II</p> <table border="1"> <thead> <tr> <th>List-I</th> <th>List-II</th> </tr> </thead> <tbody> <tr> <td>(Tree species)</td> <td>(Family)</td> </tr> <tr> <td>(A). <i>Pterocarpus marsupium</i></td> <td>(I). Verbenaceae</td> </tr> <tr> <td>(B). <i>Tectona grandis</i></td> <td>(II). Fagaceae</td> </tr> <tr> <td>(C). <i>Melia dubia</i></td> <td>(III). Leguminosae</td> </tr> <tr> <td>(D). <i>Quercus leucotrichophora</i></td> <td>(IV). Meliaceae</td> </tr> </tbody> </table> <p>Choose the correct answer from the options given below:</p> <ol style="list-style-type: none"> (A) - (I), (B) - (II), (C) - (III), (D) - (IV) (A) - (II), (B) - (I), (C) - (III), (D) - (IV) (A) - (III), (B) - (I), (C) - (IV), (D) - (II) (A) - (II), (B) - (IV), (C) - (I), (D) - (III) <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	List-I	List-II	(Tree species)	(Family)	(A). <i>Pterocarpus marsupium</i>	(I). Verbenaceae	(B). <i>Tectona grandis</i>	(II). Fagaceae	(C). <i>Melia dubia</i>	(III). Leguminosae	(D). <i>Quercus leucotrichophora</i>	(IV). Meliaceae	4.0	1.00
List-I	List-II															
(Tree species)	(Family)															
(A). <i>Pterocarpus marsupium</i>	(I). Verbenaceae															
(B). <i>Tectona grandis</i>	(II). Fagaceae															
(C). <i>Melia dubia</i>	(III). Leguminosae															
(D). <i>Quercus leucotrichophora</i>	(IV). Meliaceae															

Objective Question

81	1003011	<p>Given below are two statements:</p> <p>Statement (I): Canopy density describes the completeness of the canopy and has strong bearing with the crop volume.</p> <p>Statement (II): Canopy density is the relative completeness of canopy usually expressed as a decimal coefficient, taking closed canopy as unity.</p> <p>In light of the above statements, choose the <i>most appropriate</i> answer from the options given below.</p> <ol style="list-style-type: none"> Both Statement (I) and Statement (II) are correct. Both Statement (I) and Statement (II) are incorrect. Statement (I) is correct but Statement (II) is incorrect. Statement (I) is incorrect but Statement (II) is correct. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

82	1003012		4.0	1.00
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Given below are two statements:

Statement (I): Mating designs that yield both estimates of additive and non additive genetic variances can be used to estimate broad sense heritability.

Statement (II): Narrow sense heritability is more indicative of superiority that can be transmitted through seeds.

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

A4 : 4

Objective Question

83	1003013	<p>The Hardy Weinberg Law is valid for.....population.</p> <ol style="list-style-type: none"> 1. Genetic assortive mating 2. Phenotypic assortive mating 3. Random mating 4. Phenotypic dis-assortive mating <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

84	1003014	<p>How the generation interval time can be shortened in a tree improvement programme ?</p> <ol style="list-style-type: none"> 1. Juvenile selection 2. Accelerated breeding 3. Recurrent selection 4. Both 1 and 2 option <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

85	1003015	<p>Which selection method is used for disease resistance?</p> <ol style="list-style-type: none"> 1. Selection index 2. Independant culling 3. Pedigree method 4. Tandem selection <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

86	1003016	<p>During transcription, which enzyme is responsible for copying the gene code message in DNA sequence to m RNA sequence?</p> <ol style="list-style-type: none"> 1. DNA polymerase 2. RNA polymerase 3. Reverse transcriptase 4. Topoisomerase <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

87	1003017	<p>In case of irregular trees, the ratio of diameter and girth will be.....</p> <ol style="list-style-type: none"> 1. < 0.3182 2. >0.3182 3. = 0.3182 4. =1:0.3182 <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

88	1003018		4.0	1.00
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Given below are two statements:

Statement (I): In systematic sampling, sampling units are successively taken from a population and contains all sampling units of previous sample until desired level of precision is reached.

Statement (II): The stratified sampling is the most applicable method in case of uniform forest crop.

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 Question

89	1003019	<p>Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R). Assertion (A) : Site quality is a measure of relative productive capacity of a site for a particular species.</p> <p>Reason (R) : Every site gives a different growth response to different species.</p> <p>In light of the above statements, choose the <i>correct</i> answer from the options given below.</p> <ol style="list-style-type: none"> 1. Both (A) and (R) are true and (R) is the correct explanation of (A). 2. Both (A) and (R) are true but (R) is NOT the correct explanation of (A). 3. (A) is true but (R) is false. 4. (A) is false but (R) is true. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

90	1003020	<p>Which instrument is used for upper stem diameter measurement of standing trees?</p> <ol style="list-style-type: none"> 1. Biltmore stick 2. Dendrometer 3. Vernier calliper 4. Tape <p>A1 : 1</p> <p>A2 : 2</p>	4.0	1.00
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A3 : 3

A4 : 4

Objective Question

91	1003021	<p>Crop height is the average height of a regular crop and can be determined by which applying which formula?</p> <ol style="list-style-type: none"> 1. Hoppus formula 2. Lorey's formula 3. Pressler's formula 4. Smalian's formula <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

92	1003022	<p>Given below are two statements:</p> <p>Statement (I): The taungya is a Burmese word introduced in India by Troup in 1890.</p> <p>Statement (II): The first taungya plantations were raised in 1896 in North Bengal.</p> <p>In light of the above statements,choose the <i>most appropriate</i> answer from the options given below.</p> <ol style="list-style-type: none"> 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. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

93	1003023	<p>Based on socio-economic classification of agroforestry, the various agroforestry systems are:</p> <ol style="list-style-type: none"> 1. Commercial agroforestry, Subsistence agroforestry 2. Intermediate agroforestry, Subsistence agroforestry,Commercial agroforestry 3. Local level agroforestry, Regional level agroforestry 4. Regional level agroforestry, International level agroforestry <p>A1 : 1</p> <p>A2 : 2</p>	4.0	1.00
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A3 : 3

A4 : 4

Objective Question

94	1003024	<p>Given below are two statements:</p> <p>Statement (I): The agroforestry emphasizes the interactive association between woody perennials and agricultural and/or animals for multiple products and services on the same piece of land.</p> <p>Statement (II): Farm forestry refers to the tree planting with agricultural crops inside the conventional forest areas.</p> <p>In light of the above statements, choose the <i>most appropriate</i> answer from the options given below.</p> <ol style="list-style-type: none"> 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. <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

95	1003025	<p>The word 'Social Forestry' was coined by:</p> <ol style="list-style-type: none"> 1. J.K. Westoby 2. G.C. Westoby 3. J.C. Westoby 4. J.N. Westoby <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

96	1003026		4.0	1.00
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Given below are two statements, one is labelled as Assertion (A) and other one labelled as Reason (R).

Assertion (A) : The competition for moisture between trees and arable crops is maximum when the trees have deep root system with lateral roots.

Reason (R) : The competition for nutrients between trees and arable crops occurs when the trees having finer roots in the top soil.

In light of the above statements, choose the *correct* answer from the options given below.

1. Both (A) and (R) are true and (R) is the correct explanation of (A).
2. Both (A) and (R) are true but (R) is NOT the correct explanation of (A).
3. (A) is true but (R) is false.
4. (A) is false but (R) is true.

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

97	1003027	<p>In agroforestry systems, if the tree and crop components help each other, by creating favourable conditions for their growth in such a way that the agroforestry system provides a greater yield than the yield of their corresponding sole crops, than the interaction between components is said to be:</p> <ol style="list-style-type: none"> 1. Complementary interaction 2. Supplementary interaction 3. Competitive interaction 4. Neutral interaction <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

98	1003028	<p>The allelochemical ' Ferulic Acid' is released by the tree species:</p> <ol style="list-style-type: none"> 1. <i>Tectona grandis, Eucalyptus globulus and Gmelina arborea</i> 2. <i>Leucaena leucocephala, Eucalyptus camaldulensis and Ailanthus excelsa</i> 3. <i>Acacia nilotica, Delonix regia and Acacia dealbata</i> 4. <i>Simaruba glauca, Pinus ponderosa and Tectona grandis</i> <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p>	4.0	1.00
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A4 : 4

Objective Question

99	1003029	<p>Ripple marks, an identifiable feature of timber, are absent in</p> <ol style="list-style-type: none"> 1. <i>Chloroxylon swietenia</i> 2. <i>Pterocarpus marsupium</i> 3. <i>Holoptelea integrifolia</i> 4. <i>Hopea odorata</i> <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

100	1003030	<p>Which species of bamboo is found as undergrowth in fir, spruce and deodar forests at an elevation of 2000-2700m in the Western Himalayas?</p> <ol style="list-style-type: none"> 1. <i>Arundinaria spathiflora</i> 2. <i>Arundinaria falcata</i> 3. <i>Bambusa arundinacea</i> 4. <i>Dendrocalamus strictus</i> <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

101	1003031		4.0	1.00
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Match **List-I** with **List-II**

List-I	List-II
(Wood preservative type)	(Example)
(A). Oil type	(I). Dieldrin
(B). Water soluble fixed type	(II). Mercuric chloride
(C). Water soluble non fixed type	(III). Zinc meta arsenate
(D). Organic solvent type	(IV). Creosote

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

102 1003032

4.0 1.00

The main characteristic(s) of alkali soils is/are:

1. Soil pH is less than 6.5
2. Low in Ca, Mg with negligible amount of soluble salts
3. Low dispersion and flocculation in a suspension
4. Abnormally higher exchangeable sodium

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

103 1003033

4.0 1.00

The pest (defoliator) *Letana inflata* is associated with the tree species:

1. *Acacia nilotica*
2. *Tectona grandis*
3. *Shorea robusta*
4. *Santalum album*

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

104 1003034

4.0 1.00

Given below are two statements:

Statement (I): The rotation of maximum volume production is the rotation which yields the highest average annual gross or net revenue irrespective of the value of the forest.

Statement (II): In financial rotation, the species that yields the maximum annual growth of material i.e., the age at which MAI culminates.

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 Question

105 1003035

4.0 1.00

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

List-I	List-II
(Method of Yield Regulation)	(Basis of Yield Regulation)
(A). Brandis's diameter class method	(I). Area and volume
(B). Floating Periodic Block method	(II). Increment
(C). Biolly's check method	(III). Volume and increment of growing stock
(D). Howard's modification	(IV). Volume only

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

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

A1 : 1

A2 : 2

		A3 : 3		
		A4 : 4		

Objective Question

106	1003036	<p>Working plan is generally prepared for a period of.....</p> <ol style="list-style-type: none"> 1. 1 year 2. 5 years 3. 10 years 4. 10-20 years <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

107	1003037	<p>Direct use value (consumptive and productive) of forest resources is:</p> <ol style="list-style-type: none"> 1. Carbon storage 2. Microclimatic function 3. Nitrogen fixing 4. Non timber forest products <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

108	1003038		4.0	1.00
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Match **List-I** with **List-II**

List-I	List-II
(Faunal species)	(IUCN Red List Category)
(A). <i>Panthera uncia</i>	(I). Endangered
(B). <i>Viverricula indica</i>	(II). Vulnerable
(C). <i>Gyps indicus</i>	(III). Least concern
(D). <i>Macaca silenus</i>	(IV). Critically endangered

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

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

A1 : 1

A2 : 2

A3 : 3

A4 : 4

Objective Question

109	1003039	When did India became signatory to CITES (Convention on International Trade in Endangered species)?	4.0	1.00
		<ol style="list-style-type: none"> 1. 1973 2. 1974 3. 1976 4. 1987 		
		A1 : 1		
		A2 : 2		
		A3 : 3		
		A4 : 4		

Objective Question

110	1003040	The tendency for increased variety and density at community junction is known as.....	4.0	1.00
		<ol style="list-style-type: none"> 1. Ecological niche 2. Habitat 3. Ecad 4. Edge effect 		
		A1 : 1		

A2 : 2

A3 : 3

A4 : 4

Objective Question

111	1003041	<p>Under which section of Wildlife Protection Act, 1972 an area is declared as National Park?</p> <ol style="list-style-type: none"> 1. 17 2. 28 3. 36 4. 37 <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

112	1003042	<p>The concept of Biodiversity hotspots was given by.....in.....</p> <ol style="list-style-type: none"> 1. Norman Myers, 1989 2. Turreson,1982 3. Huxley,1938 4. A G Tansley,1935 <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

113	1003043	<p>The theme for International Day for Biodiversity 2023 was:</p> <ol style="list-style-type: none"> 1. From Agreement to Action: Build Back Biodiversity 2. Building a shared future for all life 3. Beat Plastic Pollution 4. Our Biodiversity, Our Food, Our Health <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p>	4.0	1.00
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A4 : 4

Objective Question

114	1003044	<p>Which among the following is the largest Biosphere Reserve in India?</p> <ol style="list-style-type: none"> 1. Nilgiri Biosphere Reserve 2. Dibru-Saikhowa Biosphere Reserve 3. Sunderban Biosphere Reserve 4. Gulf of Kachchh Biosphere Reserve <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

115	1003045	<p>With which of the following, the 'Agenda 21' of Rio Summit, 1992 is related to?</p> <ol style="list-style-type: none"> 1. Sustainable development 2. Biodiversity conservation 3. Reducing greenhouse gases (GHGs) emission 4. Technology transfer mechanism to developing countries for 'clean-energy' production <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

116	1003046	<p>Given below are two statements:</p> <p>Statement (I): CBD COP15 was chaired by China and hosted by Canada in 2021.</p> <p>Statement (II): This conference resulted in adoption of Kunming-Montreal Global Biodiversity framework.</p> <p>In light of the above statements,choose the <i>most appropriate</i> answer from the options given below.</p> <ol style="list-style-type: none"> 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. <p>A1 : 1</p> <p>A2 : 2</p>	4.0	1.00
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		A3 : 3		
		A4 : 4		

Objective Question

117	1003047	<p>According to India's 'Panchamrita' pledge at COP 26, India is going to increase its non-fossil fuel energy capacity to 500 GW by</p> <ol style="list-style-type: none"> 1. 2030 2. 2035 3. 2050 4. 2070 <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

118	1003048	<p>The disaster management act was enacted during the year.....</p> <ol style="list-style-type: none"> 1. 2005 2. 2009 3. 2010 4. 2018 <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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Objective Question

119	1003049	<p>In a split plot design, more precision is attained for.....</p> <ol style="list-style-type: none"> 1. Main plot 2. Sub plot 3. Block 4. Control <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p>	4.0	1.00
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A4 : 4

Objective Question

120	1003050	<p>If two regression lines are –</p> $Y = a + bx$ $X = c + dy$ <p>What is the correlation coefficient between X & Y?</p> <ol style="list-style-type: none">1. \sqrt{bc}2. \sqrt{ad}3. \sqrt{bd}4. \sqrt{ac} <p>A1 : 1</p> <p>A2 : 2</p> <p>A3 : 3</p> <p>A4 : 4</p>	4.0	1.00
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