

National Testing Agency

Question Paper Name: NATURAL RESOURCE MANAGEMENT I 1st July 2019 Shift2 Set 2
Subject Name: NATURAL RESOURCE MANAGEMENT I
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Display Marks: Yes
Share Answer Key With Delivery Engine: Yes
Actual Answer Key: Yes

NATURAL RESOURCE MANAGEMENT I

Group Number : 1
Group Id : 55317234
Group Maximum Duration : 0
Group Minimum Duration : 180
Revisit allowed for view? : No
Revisit allowed for edit? : No
Break time: 0
Group Marks: 800

Part A : General Knowledge

Section Id : 55317253
Section Number : 1
Section type : Online
Mandatory or Optional: Mandatory
Number of Questions: 20
Number of Questions to be attempted: 20
Section Marks: 80
Display Number Panel: Yes
Group All Questions: No

Sub-Section Number: 1
Sub-Section Id: 55317275
Question Shuffling Allowed : Yes

Question Number : 1 Question Id : 5531725915 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

There is a parliamentary system of Government in India because the

- (1) Lok Sabha is elected directly by the people.
- (2) Parliament can amend the Constitution.
- (3) Rajya Sabha cannot be dissolved.
- (4) Council of the ministers are responsible to the Lok Sabha.

Options :

- 55317223601. 1
- 55317223602. 2
- 55317223603. 3
- 55317223604. 4

**Question Number : 2 Question Id : 5531725916 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1**

Gilt – edged market refers to

- (1) Bullion market
- (2) Market of Govt. Securities
- (3) Market of guns
- (4) Market of pure metals

Options :

- 55317223605. 1
- 55317223606. 2
- 55317223607. 3
- 55317223608. 4

**Question Number : 3 Question Id : 5531725917 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1**

Which one of the following is known as the 'Coffee Port' of the world?

- (1) Sao Paulo
- (2) Santos
- (3) Rio de Janeiro
- (4) Buenos Aires

Options :

- 55317223609. 1
- 55317223610. 2
- 55317223611. 3
- 55317223612. 4

**Question Number : 4 Question Id : 5531725918 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1**

For increasing milk production, which state launched Rs.215 crore project 'Milk Mission' in July, 2018?

- (1) Meghalaya
- (2) Assam
- (3) Tripura
- (4) Nagaland

Options :

- 55317223613. 1
- 55317223614. 2
- 55317223615. 3
- 55317223616. 4

Question Number : 5 Question Id : 5531725919 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which of the following is the main characteristic of mixed farming?

- (1) Cultivation of both cash crops and food crops.
- (2) Cultivation of two or more crops in the same field.
- (3) Cultivation of crops and rearing of animals together.
- (4) Cultivation of fruits and vegetables.

Options :

- 55317223617. 1
- 55317223618. 2
- 55317223619. 3
- 55317223620. 4

Question Number : 6 Question Id : 5531725920 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

When you travel in certain parts of India, you will notice red soils. What is the main reason for this colour?

- (1) Abundance of magnesium
- (2) Accumulated humus
- (3) Presence of ferric oxides
- (4) Abundance of phosphates

Options :

- 55317223621. 1
- 55317223622. 2
- 55317223623. 3
- 55317223624. 4

Question Number : 7 Question Id : 5531725921 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Correct Marks : 4 Wrong Marks : 1

Which of the following sets of elements were primarily responsible for the origin of life on the earth?

- (1) Carbon, Hydrogen, Nitrogen
- (2) Hydrogen, Oxygen, Sodium
- (3) Oxygen, Calcium, Phosphorous
- (4) Carbon, Hydrogen, Potassium

Options :

55317223625. 1

55317223626. 2

55317223627. 3

55317223628. 4

Question Number : 8 Question Id : 5531725922 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following statement is NOT true?

- (1) Khaira is a disease found in paddy.
- (2) False smut is a disease found in barley.
- (3) Rust disease is found in wheat.
- (4) Early blight is a disease found in potato.

Options :

55317223629. 1

55317223630. 2

55317223631. 3

55317223632. 4

Question Number : 9 Question Id : 5531725923 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Golden rice variety has been developed to combat the deficiency of

- (1) Iron
- (2) Vitamin C
- (3) Calcium
- (4) Vitamin A

Options :

55317223633. 1

55317223634. 2

55317223635. 3

55317223636. 4

Question Number : 10 Question Id : 5531725924 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

A person of mixed European and Indian blood in Latin America is called a

- (1) Mulato
- (2) Mestizo
- (3) Meiji
- (4) Mau Mau

Options :

- 55317223637. 1
- 55317223638. 2
- 55317223639. 3
- 55317223640. 4

Question Number : 11 Question Id : 5531725925 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

In the context of International Trade 'Early Harvest Package' refers to

- (1) A precursor to a free trade agreement between two trading partners.
- (2) A clause related to the agreement on agriculture under the WTO.
- (3) A subsidy mechanism given to the developing countries for trade in agriculture.
- (4) A transportation agreement signed between countries for the movement of goods.

Options :

- 55317223641. 1
- 55317223642. 2
- 55317223643. 3
- 55317223644. 4

Question Number : 12 Question Id : 5531725926 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The nitrogen present in atmosphere is

- (1) of no use to plants
- (2) injurious to plants
- (3) directly utilized by the plants
- (4) utilized through micro organism

Options :

- 55317223645. 1
- 55317223646. 2
- 55317223647. 3
- 55317223648. 4

Question Number : 13 Question Id : 5531725927 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Agricultural Scientist M.S. Swaminathan received an honorary medallion from India for his contribution towards the development of agricultural practices from which country?

- (1) Canada
- (2) Australia
- (3) New Zealand
- (4) Mexico

Options :

- 55317223649. 1
- 55317223650. 2
- 55317223651. 3
- 55317223652. 4

Question Number : 14 Question Id : 5531725928 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

ICAR, New Delhi has identified three BT cotton varieties for cultivation in Punjab, Haryana and Rajasthan; which were developed by Punjab Agricultural University (PAU), Ludhiana recently. Which one of the following is NOT among those three?

- (1) PAU BT - 1
- (2) BT -1861
- (3) F - 1861
- (4) RS – 2013

Options :

- 55317223653. 1
- 55317223654. 2
- 55317223655. 3
- 55317223656. 4

Question Number : 15 Question Id : 5531725929 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Most abundant Carbohydrate in the world is

- (1) Pectin
- (2) Rubisco
- (3) Hemicellulose
- (4) Cellulose

Options :

- 55317223657. 1
- 55317223658. 2
- 55317223659. 3
- 55317223660. 4

Question Number : 16 Question Id : 5531725930 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following is known as queen of spices?

- (1) Clove
- (2) Pepper
- (3) Nutmeg
- (4) Cardamom

Options :

55317223661. 1

55317223662. 2

55317223663. 3

55317223664. 4

Question Number : 17 Question Id : 5531725931 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

In which city has NABARD launched South East Asia's first centre for 'Climate Change'?

- (1) Jaipur
- (2) Patna
- (3) Lucknow
- (4) Chennai

Options :

55317223665. 1

55317223666. 2

55317223667. 3

55317223668. 4

Question Number : 18 Question Id : 5531725932 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

World Bank assisted project SMART was launched in

- (1) Rajasthan
- (2) Gujarat
- (3) Maharashtra
- (4) Punjab

Options :

55317223669. 1

55317223670. 2

55317223671. 3

55317223672. 4

Question Number : 19 Question Id : 5531725933 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

National Research Centre for grapes is located at

- (1) Nashik
- (2) Pune
- (3) Muzaffarpur
- (4) Lucknow

Options :

- 55317223673. 1
- 55317223674. 2
- 55317223675. 3
- 55317223676. 4

**Question Number : 20 Question Id : 5531725934 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1**

The National Milk Day which marks the birth anniversary of father of White Revolution Dr. Verghese Kurien is celebrated on

- (1) November 23
- (2) November 24
- (3) November 25
- (4) November 26

Options :

- 55317223677. 1
- 55317223678. 2
- 55317223679. 3
- 55317223680. 4

Part B : NATURAL RESOURCE MANAGEMENT I

Section Id :	55317254
Section Number :	2
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	180
Number of Questions to be attempted:	180
Section Marks:	720
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	55317276
Question Shuffling Allowed :	Yes

**Question Number : 21 Question Id : 5531725935 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1**

A hierarchical mating design in which group of parents of one sex are mated to members of other sex, is called

1. Single pair design
2. Factorial design
3. Nested design
4. Dialled design

Options :

- 55317223681. 1
- 55317223682. 2
- 55317223683. 3
- 55317223684. 4

**Question Number : 22 Question Id : 5531725936 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1**

General volume tables are based on

1. No variable
2. One variable
3. Two variables
4. Three variables

Options :

- 55317223685. 1
- 55317223686. 2
- 55317223687. 3
- 55317223688. 4

**Question Number : 23 Question Id : 5531725937 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1**

Which one is not a synonym of ordinary thinning?

1. Low thinning
2. Thinning from below
3. French thinning
4. German thinning

Options :

- 55317223689. 1
- 55317223690. 2
- 55317223691. 3
- 55317223692. 4

**Question Number : 24 Question Id : 5531725938 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1**

Which one is a unit less parameter?

1. Mean
2. Mode
3. Range
4. Critical difference

Options :

- 55317223693. 1
- 55317223694. 2
- 55317223695. 3
- 55317223696. 4

Question Number : 25 Question Id : 5531725939 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which among the following tree species is best suitable for alley cropping?

1. *Eucalyptus globulus*
2. *Cassia siamea*
3. *Leucaena Leucocephala*
4. *Ailanthus excelsa*

Options :

- 55317223697. 1
- 55317223698. 2
- 55317223699. 3
- 55317223700. 4

Question Number : 26 Question Id : 5531725940 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which National forest policy allowed grazing in the forest according to carrying capacity?

1. 1894
2. 1952
3. 1988
4. 2006

Options :

- 55317223701. 1
- 55317223702. 2
- 55317223703. 3
- 55317223704. 4

Question Number : 27 Question Id : 5531725941 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

A tree cultivation system where people are permitted to raise crops along with tree species, is called

1. Shifting agriculture
2. Taungya system
3. Slash and burn
4. Alley cropping

Options :

- 55317223705. 1
- 55317223706. 2
- 55317223707. 3
- 55317223708. 4

Question Number : 28 Question Id : 5531725942 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which chapter of Wild life Protection Act-1972 deals with protection and detection of offence?

1. Chapter III
2. Chapter IV
3. Chapter V
4. Chapter VI

Options :

- 55317223709. 1
- 55317223710. 2
- 55317223711. 3
- 55317223712. 4

Question Number : 29 Question Id : 5531725943 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which forest policy pointed out that 60% area in hills and 20% area in plains should be covered by forest?

1. 1894
2. 1952
3. 1988
4. 2006

Options :

- 55317223713. 1
- 55317223714. 2
- 55317223715. 3
- 55317223716. 4

Question Number : 30 Question Id : 5531725944 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Type of cross grain in which the angle of fibre changes in reverse direction in the successive layers

1. Spiral grain
2. Twisted grain
3. Inter locked grain
4. Wavy grain

Options :

- 55317223717. 1
- 55317223718. 2
- 55317223719. 3
- 55317223720. 4

Question Number : 31 Question Id : 5531725945 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Phenomenon of water erosion that removes a thin uniform layer of soil from the land surface by the action of run-off water, is called

1. Splash erosion
2. Sheet erosion
3. Cover erosion
4. Rill erosion

Options :

- 55317223721. 1
- 55317223722. 2
- 55317223723. 3
- 55317223724. 4

Question Number : 32 Question Id : 5531725946 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

A cutting made to remove injured or killed tree for the purpose of recovering usable material before it becomes worthless is

1. Salvage cutting
2. Sanitation cutting
3. Improvement felling
4. Pruning

Options :

- 55317223725. 1
- 55317223726. 2
- 55317223727. 3
- 55317223728. 4

Question Number : 33 Question Id : 5531725947 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The trees of 15m height in a stock where tallest tree is of 20 m height is called

1. Dominant trees
2. Pre-dominant trees
3. Co- dominant trees
4. Dominated trees

Options :

55317223729. 1
55317223730. 2
55317223731. 3
55317223732. 4

Question Number : 34 Question Id : 5531725948 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which among the following is a commercially cultivated edible bamboo?

1. *Bamboosa bambos*
2. *Dendrocalamus strictus*
3. *Dendrocalamus asper*
4. *Dendrocalamus stockii*

Options :

55317223733. 1
55317223734. 2
55317223735. 3
55317223736. 4

Question Number : 35 Question Id : 5531725949 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

A good example of multi-tier cropping system is

1. Agri- silviculture
2. Silvi- horticulture
3. Aqua- forestry
4. Home gardens

Options :

55317223737. 1
55317223738. 2
55317223739. 3
55317223740. 4

Question Number : 36 Question Id : 5531725950 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Scheduled Tribes and other Traditional Forest dwellers (Recognition of Forest Right) Act was launched in the year

1. 2002
2. 2004
3. 2006
4. 2011

Options :

- 55317223741. 1
- 55317223742. 2
- 55317223743. 3
- 55317223744. 4

Question Number : 37 Question Id : 5531725951 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Gully of depth 3-9 m and bed width of over 18m, sides uniformly sloping between 8-15%, is depicted by symbol

1. G1
2. G2
3. G3
4. G4

Options :

- 55317223745. 1
- 55317223746. 2
- 55317223747. 3
- 55317223748. 4

Question Number : 38 Question Id : 5531725952 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

One among the following is not a drought hard species

1. *Acacia arabica*
2. *Bombax ceiba*
3. *Madhuca indica*
4. *Hardwickia binata*

Options :

- 55317223749. 1
- 55317223750. 2
- 55317223751. 3
- 55317223752. 4

Question Number : 39 Question Id : 5531725953 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which among the following species is best suited for bare root nursery technique?

1. *Artocarpus heterophyllus*
2. *Tectona grandis*
3. *Dalbergia sissoo*
4. *Xylia xylocarpa*

Options :

- 55317223753. 1
- 55317223754. 2
- 55317223755. 3
- 55317223756. 4

Question Number : 40 Question Id : 5531725954 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

State with maximum forest cover in India

1. Madhya Pradesh
2. Jharkhand
3. Uttarakhand
4. Arunachal Pradesh

Options :

- 55317223757. 1
- 55317223758. 2
- 55317223759. 3
- 55317223760. 4

Question Number : 41 Question Id : 5531725955 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

A pattern of vegetation change in which a small number of species tend to replace each other over time in the absence of large disturbance

1. Cyclic succession
2. Gradual succession
3. Serial succession
4. Final succession

Options :

- 55317223761. 1
- 55317223762. 2
- 55317223763. 3
- 55317223764. 4

Question Number : 42 Question Id : 5531725956 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Tree ideotype for agroforestry should not have following character

1. Thin and sparse crown
2. Allelopathic effect on crop
3. Straight bole
4. Less branches

Options :

- 55317223765. 1
- 55317223766. 2
- 55317223767. 3
- 55317223768. 4

Question Number : 43 Question Id : 5531725957 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Seeds which survive drying and/ or freezing during ex-situ conservation, are called

1. Recalcitrant seeds
2. Orthodox seeds
3. Unorthodox seeds
4. Mature seeds

Options :

- 55317223769. 1
- 55317223770. 2
- 55317223771. 3
- 55317223772. 4

Question Number : 44 Question Id : 5531725958 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Match the following

Frost hardy	a. <i>Azadirachta indica</i>
Frost tender	b. <i>Acacia catechu</i>
Drought hardy	c. <i>Shorea robusta</i>
Drought tender	d. <i>Hardwickia binata</i>

1. 1-b, 2-a, 3-d, 4-c
2. 1-a, 2-b, 3-d, 4-c
3. 1-b, 2-c, 3-a, 4-d
4. 1-c, 2-d, 3-b, 4-a

Options :

- 55317223773. 1
- 55317223774. 2
- 55317223775. 3
- 55317223776. 4

Question Number : 45 Question Id : 5531725959 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

A crop grown to foster the growth of important tree crop
in its early stage

1. Cover crop
2. Nurse crop
3. Companion crop
4. Feeder crop

Options :

- 55317223777. 1
- 55317223778. 2
- 55317223779. 3
- 55317223780. 4

Question Number : 46 Question Id : 5531725960 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Photosynthesis is a process of

1. Carbon cycle
2. Nitrogen cycle
3. Phosphorus cycle
4. Oxygen cycle

Options :

- 55317223781. 1
- 55317223782. 2
- 55317223783. 3
- 55317223784. 4

Question Number : 47 Question Id : 5531725961 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Indirect selection process, where a trait is selected based
on marker linked to trait of interest is

1. Molecular selection
2. Linked selection
3. Dotine selection
4. Marker assisted selection

Options :

- 55317223785. 1
- 55317223786. 2
- 55317223787. 3
- 55317223788. 4

Question Number : 48 Question Id : 5531725962 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

International Tsunami information centre is located in

1. Hawaii, USA
2. Texas, USA
3. Jakarta, Indonesia
4. Brisbane, Australia

Options :

55317223789. 1
55317223790. 2
55317223791. 3
55317223792. 4

Question Number : 49 Question Id : 5531725963 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

With progressive time when MAI cuts the CAI curve, that point is called as

1. Culmination Year
2. Rotation Year
3. Climax Year
4. Economic Year

Options :

55317223793. 1
55317223794. 2
55317223795. 3
55317223796. 4

Question Number : 50 Question Id : 5531725964 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

The Kyoto protocol decided to bring down the level of carbon emission equivalent to the CO₂ emission at the year

1. 1980
2. 1990
3. 2000
4. 2005

Options :

55317223797. 1
55317223798. 2
55317223799. 3
55317223800. 4

Question Number : 51 Question Id : 5531725965 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Based on temporal arrangement tropical home gardens are examples of:

1. Concomitant system
2. Coincident system
3. Intermittent system
4. Interpolated system

Options :

- 55317223801. 1
- 55317223802. 2
- 55317223803. 3
- 55317223804. 4

Question Number : 52 Question Id : 5531725966 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

A project is considered worthy if Net Present Value is:

1. 0
2. >0
3. <0
4. >-1

Options :

- 55317223805. 1
- 55317223806. 2
- 55317223807. 3
- 55317223808. 4

Question Number : 53 Question Id : 5531725967 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Attention is given for gene pool conservation in one among the following

1. National Park
2. Sanctuary
3. Aesthetic Park
4. Biosphere Reserve

Options :

- 55317223809. 1
- 55317223810. 2
- 55317223811. 3
- 55317223812. 4

Question Number : 54 Question Id : 5531725968 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Wildlife Protection Act (1972) was amended in years

1. 1990 and 2002
2. 1991 and 2002
3. 1991 and 2000
4. 1992 and 2001

Options :

- 55317223813. 1
- 55317223814. 2
- 55317223815. 3
- 55317223816. 4

Question Number : 55 Question Id : 5531725969 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which one of the following is a evergreen tree species?

1. *Santalum album*
2. *Anogeissus latifolia*
3. *Shorea robusta*
4. *Dalbergia sissoo*

Options :

- 55317223817. 1
- 55317223818. 2
- 55317223819. 3
- 55317223820. 4

Question Number : 56 Question Id : 5531725970 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Process where seed starts germination before they
detach from the parent

1. Pre- maturity
2. Protogynous
3. Vivagynous
4. Vivipary

Options :

- 55317223821. 1
- 55317223822. 2
- 55317223823. 3
- 55317223824. 4

Question Number : 57 Question Id : 5531725971 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

How many full di allele crosses are possible among 6 parents

1. 12
2. 18
3. 24
4. 30

Options :

- 55317223825. 1
- 55317223826. 2
- 55317223827. 3
- 55317223828. 4

Question Number : 58 Question Id : 5531725972 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

If male and female trees are separately existing, it is a

1. Deciduous tree
2. Monoecious tree
3. Bi- sexual tree
4. Dioecious tree

Options :

- 55317223829. 1
- 55317223830. 2
- 55317223831. 3
- 55317223832. 4

Question Number : 59 Question Id : 5531725973 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

A multi-trait selection where each trait is improved one by one is called

1. Selection Index
2. Tandem selection
3. Independent culling level
4. Mono selection

Options :

- 55317223833. 1
- 55317223834. 2
- 55317223835. 3
- 55317223836. 4

Question Number : 60 Question Id : 5531725974 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Agroforestry was recognized as a greenhouse gas mitigation strategy as per

1. 4th assessment report of IPCC
2. 3rd assessment report of IPCC
3. Bali Action Plan
4. Paris convention of UNFCCC-2015

Options :

- 55317223837. 1
- 55317223838. 2
- 55317223839. 3
- 55317223840. 4

Question Number : 61 Question Id : 5531725975 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which National Forest Policy has not given any kind of forest classification?

1. 1894
2. 1952
3. 1988
4. 2002

Options :

- 55317223841. 1
- 55317223842. 2
- 55317223843. 3
- 55317223844. 4

Question Number : 62 Question Id : 5531725976 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Match the following

- | | |
|------------|--------------|
| 1. Teak | a. Evergreen |
| 2. Jamun | b. Grass |
| 3. Albizia | c. Deciduous |
| 4. Bamboo | d. Legume |

1. 1-a, 2-b, 3-c, 4-d
2. 1-c, 2-a, 3-d, 4-b
3. 1-c, 2-d, 3-a, 4-b
4. 1-d, 2-b, 3-a, 4-c

Options :

- 55317223845. 1
- 55317223846. 2
- 55317223847. 3
- 55317223848. 4

Question Number : 63 Question Id : 5531725977 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Conversion of organic biomass to nitrogen gas follows
which of the sequences below

1. Ammonification- Nitrification- Denitrification
2. Denitrification - Ammonification – Nitrification
3. Nitrification- Ammonification – Denitrification
4. Nitrification – Denitrification – Ammonification

Options :

55317223849. 1

55317223850. 2

55317223851. 3

55317223852. 4

Question Number : 64 Question Id : 5531725978 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Percentage of population to be included in the sample is
called

1. Sample density
2. Sampling intensity
3. Sample mean
4. Sample frequency

Options :

55317223853. 1

55317223854. 2

55317223855. 3

55317223856. 4

Question Number : 65 Question Id : 5531725979 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Example of an edaphic climax forest type

1. Type 12/E1
2. Type 1B/E1
3. Type 1A/C1
4. Type 3C/C2

Options :

55317223857. 1

55317223858. 2

55317223859. 3

55317223860. 4

Question Number : 66 Question Id : 5531725980 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

If Over bark diameter of tree is 30 cm and Bark thickness is 3 cm, then Under Bark diameter is

1. 27 cm
2. 33 cm
3. 36 cm
4. 24 cm

Options :

- 55317223861. 1
- 55317223862. 2
- 55317223863. 3
- 55317223864. 4

Question Number : 67 Question Id : 5531725981 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

If additive genetic variance is higher which breeding method should be followed ?

1. Pure line selection
2. Pedigree method
3. Bulk method
4. Recurrent selection

Options :

- 55317223865. 1
- 55317223866. 2
- 55317223867. 3
- 55317223868. 4

Question Number : 68 Question Id : 5531725982 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Match the following

- | | |
|--------------------|-----------------------------------|
| 1. Male bamboo | a. <i>Bambusa bambos</i> |
| 2. Thorny bamboo | b. <i>Dendrocalamus stickers</i> |
| 3. Elephant Bamboo | c. <i>Dendrocalamus giganteus</i> |
| 4. Golden bamboo | d. <i>Phyllostachys aurea</i> |

- | | | | |
|---------|------|------|-----|
| 1. 1-d, | 2-a, | 3-c, | 4-b |
| 2. 1-b, | 2-a, | 3-c, | 4-d |
| 3. 1-a, | 2-c, | 3-d, | 4-b |
| 4. 1-b, | 2-d, | 3-a, | 4-c |

Options :

- 55317223869. 1
- 55317223870. 2
- 55317223871. 3
- 55317223872. 4

Question Number : 69 Question Id : 5531725983 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

G-48 is a variety of

1. Poplar
2. Eucalypts
3. Teak
4. Sal

Options :

55317223873. 1

55317223874. 2

55317223875. 3

55317223876. 4

Question Number : 70 Question Id : 5531725984 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Forest survey of India is located at

1. Dehradun
2. New Delhi
3. Bhopal
4. Coimbatore

Options :

55317223877. 1

55317223878. 2

55317223879. 3

55317223880. 4

Question Number : 71 Question Id : 5531725985 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Soils having infiltration rate of 6 cm per day, are called

1. Slow permeable
2. Fast Permeable
3. Hard pan
4. Fluffy soils

Options :

55317223881. 1

55317223882. 2

55317223883. 3

55317223884. 4

Question Number : 72 Question Id : 5531725986 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

A forest composed of 1120 trees of teak out of total 1250 trees, is called as:

1. Pure forest
2. Mixed forest
3. Savanna Forest
4. High forest

Options :

55317223885. 1
55317223886. 2
55317223887. 3
55317223888. 4

Question Number : 73 Question Id : 5531725987 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Match the following

- | | |
|---------------|---------------------------------|
| 1. Gum Arabic | a. <i>Bauhinia retua</i> |
| 2. Semal gum | b. <i>Acacia senegal</i> |
| 3. Kino gum | c. <i>Pterocarpus marsupium</i> |
| 4. Dhaura gum | d. <i>Anogeissus latifolia</i> |

- | | | | |
|---------|------|------|-----|
| 1. 1-b, | 2-a, | 3-c, | 4-d |
| 2. 1-b, | 2-c, | 3-a, | 4-d |
| 3. 1-c, | 2-a, | 3-d, | 4-b |
| 4. 1-c, | 2-d, | 3-b, | 4-a |

Options :

55317223889. 1
55317223890. 2
55317223891. 3
55317223892. 4

Question Number : 74 Question Id : 5531725988 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

The approximate cubic content of a standing teak tree with GBH 2.0 m and commercial bole height 20 m is

1. 1.5 m³
2. 2.5 m³
3. 4.0 m³
4. 250 cu.ft

Options :

55317223893. 1
55317223894. 2
55317223895. 3
55317223896. 4

Question Number : 75 Question Id : 5531725989 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Vulnerability or susceptibility of the soil to get eroded, is called as

1. Erosivity
2. Erodibility
3. Detachability
4. Transportability

Options :

- 55317223897. 1
- 55317223898. 2
- 55317223899. 3
- 55317223900. 4

Question Number : 76 Question Id : 5531725990 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Process of removal of excess moisture present in the timber in its green state, is called:

1. Wood drying
2. Wood fitting
3. Wood maturing
4. Wood seasoning

Options :

- 55317223901. 1
- 55317223902. 2
- 55317223903. 3
- 55317223904. 4

Question Number : 77 Question Id : 5531725991 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

The predominant soil forming process in high rainfall tropics is

1. Podzolization
2. Lithification
3. Melinisation
4. Laterization

Options :

- 55317223905. 1
- 55317223906. 2
- 55317223907. 3
- 55317223908. 4

Question Number : 78 Question Id : 5531725992 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The number of seedlings required for planting in 15 ha area at a spacing of 5 m between rows and 4 m between the plants

1. 750
2. 1000
3. 5000
4. 7500

Options :

55317223909. 1
55317223910. 2
55317223911. 3
55317223912. 4

Question Number : 79 Question Id : 5531725993 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Juniperus recurva, *Betula utilis* and *Salix species* are the common species of

1. Snow Zone
2. Alpine zone
3. Tropical zone
4. Dry temperate zone

Options :

55317223913. 1
55317223914. 2
55317223915. 3
55317223916. 4

Question Number : 80 Question Id : 5531725994 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The less managed mixed tree gardens surrounding villages commonly found in West Java

1. Pekavangan
2. Talun- Kebun
3. Parkland system
4. Satoyama

Options :

55317223917. 1
55317223918. 2
55317223919. 3
55317223920. 4

Question Number : 81 Question Id : 5531725995 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following contribute to confine smoke and impurities to the lower level and decrease visibility?

1. Dry adiabatic lapse rate
2. Inversion
3. Saturated adiabatic lapse rate
4. Unsaturated adiabatic lapse rate

Options :

55317223921. 1

55317223922. 2

55317223923. 3

55317223924. 4

Question Number : 82 Question Id : 5531725996 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Who among the following put forth the concept of absolute zero beyond which no gas could be cooled any further

1. Lord Kelvin
2. Bjerknes
3. MJ Robertson
4. MJ Rosenberg

Options :

55317223925. 1

55317223926. 2

55317223927. 3

55317223928. 4

Question Number : 83 Question Id : 5531725997 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following is the coldest layer of the atmosphere?

1. Troposphere
2. Stratosphere
3. Mesosphere
4. Ionosphere

Options :

55317223929. 1

55317223930. 2

55317223931. 3

55317223932. 4

Question Number : 84 Question Id : 5531725998 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The behaviour of boundary layer depends on which of the following?

1. Viscous properties
2. Eddy transport
3. Coriolis force
4. Buoyancy

Options :

- 55317223933. 1
- 55317223934. 2
- 55317223935. 3
- 55317223936. 4

Question Number : 85 Question Id : 5531725999 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

If water is not a limiting factor, most of the net radiation is used in

1. Sensible heat
2. Ground heat flux
3. Photosynthesis
4. Evapotranspiration

Options :

- 55317223937. 1
- 55317223938. 2
- 55317223939. 3
- 55317223940. 4

Question Number : 86 Question Id : 5531726000 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Richardson's number is determined by the potential temperature which is positive under

1. Lapse condition
2. Inversion condition
3. Neutral condition
4. Cannot be positive

Options :

- 55317223941. 1
- 55317223942. 2
- 55317223943. 3
- 55317223944. 4

Question Number : 87 Question Id : 5531726001 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The pattern of industrial plume under inversion condition is

1. Fanning
2. Looping
3. Coning
4. Lofting

Options :

- 55317223945. 1
- 55317223946. 2
- 55317223947. 3
- 55317223948. 4

Question Number : 88 Question Id : 5531726002 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

If Y and Y_d are environmental lapse rate and dry adiabatic lapse rate respectively, which of following is true for stable atmosphere?

1. $Y < Y_d$
2. $Y > Y_d$
3. $Y = Y_d$
4. $Y \geq Y_d$

Options :

- 55317223949. 1
- 55317223950. 2
- 55317223951. 3
- 55317223952. 4

Question Number : 89 Question Id : 5531726003 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

For a dense crop surface, the zero-plane displacement is taken as:

1. 6.4 times the crop height
2. 0.64 times the crop height
3. 1.3 times the crop height
4. 0.13 times the crop height

Options :

- 55317223953. 1
- 55317223954. 2
- 55317223955. 3
- 55317223956. 4

Question Number : 90 Question Id : 5531726004 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Type of mulch suitable for regulating temperature and moisture of soil during both summer & winter is

1. Light coloured materials
2. Dark coloured materials
3. Straw mulch materials
4. Any plastic match material

Options :

- 55317223957. 1
- 55317223958. 2
- 55317223959. 3
- 55317223960. 4

Question Number : 91 Question Id : 5531726005 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Hargreaves climatic indices are based on which of the following?

1. Precipitation at 75% probability and PET
2. Precipitation at 60% probability and PET
3. Precipitation at 50% probability and PET
4. Precipitation at 40% probability and PET

Options :

- 55317223961. 1
- 55317223962. 2
- 55317223963. 3
- 55317223964. 4

Question Number : 92 Question Id : 5531726006 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The optimum condition of temperature and humidity respectively for sheep production is

1. 5-10 °C & 50-80%
2. 5-15 °C & 50-80%
3. 0-15 °C & 15-80%
4. 5-20 °C & 50-80%

Options :

- 55317223965. 1
- 55317223966. 2
- 55317223967. 3
- 55317223968. 4

Question Number : 93 Question Id : 5531726007 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The rate with which radiation penetration in canopy diminishes as an exponential function of leaf area is explained by

1. Stefan Boltzmann Law
2. Kirchhoff's law
3. Wein's displacement law
4. Beer's law

Options :

- 55317223969. 1
- 55317223970. 2
- 55317223971. 3
- 55317223972. 4

Question Number : 94 Question Id : 5531726008 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The IPCC was established in

1. 1980
2. 1985
3. 1988
4. 1990

Options :

- 55317223973. 1
- 55317223974. 2
- 55317223975. 3
- 55317223976. 4

Question Number : 95 Question Id : 5531726009 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The World Meteorological Day is observed on

1. 23rd March
2. 23rd June
3. 23rd May
4. 23rd September

Options :

- 55317223977. 1
- 55317223978. 2
- 55317223979. 3
- 55317223980. 4

Question Number : 96 Question Id : 5531726010 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Medium Range weather forecast is most useful, because

1. It is more accurate than others
2. It gives information for more weather variables
3. It can be used for early warning system for agriculture
4. It is prepared by super computers

Options :

- 55317223981. 1
- 55317223982. 2
- 55317223983. 3
- 55317223984. 4

Question Number : 97 Question Id : 5531726011 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Radiosonde are designed to register temperature ranging in between:

1. +40 to -40° C
2. +20 to -20° C
3. +40 to -90° C
4. +40 to -60° C

Options :

- 55317223985. 1
- 55317223986. 2
- 55317223987. 3
- 55317223988. 4

Question Number : 98 Question Id : 5531726012 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

At present, medium range weather forecast is issued by IMD at

1. Village level
2. Block level
3. District level
4. Agro-climatic zone level

Options :

- 55317223989. 1
- 55317223990. 2
- 55317223991. 3
- 55317223992. 4

Question Number : 99 Question Id : 5531726013 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

The atmospheric models are based on

1. Pressure gradient force and Coriolis force
2. Pressure gradient force and frictional force
3. Pressure gradient force and gravitational force
4. Pressure gradient force, Coriolis force, frictional force, gravitational force and centrifugal force.

Options :

55317223993. 1

55317223994. 2

55317223995. 3

55317223996. 4

Question Number : 100 Question Id : 5531726014 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

CERES rice model need genetic coefficients to the extent
of

1. 4

2. 5

3. 6

4. 8

Options :

55317223997. 1

55317223998. 2

55317223999. 3

55317224000. 4

Question Number : 101 Question Id : 5531726015 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

National Centre for Seismology is located at

1. Delhi – NCR

2. Kolkata

3. Dehradun

4. Jodhpur

Options :

55317224001. 1

55317224002. 2

55317224003. 3

55317224004. 4

Question Number : 102 Question Id : 5531726016 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

As per NARP, India has how many agro - climatic zones?

1. 8
2. 15
3. 20
4. 127

Options :

- 55317224005. 1
- 55317224006. 2
- 55317224007. 3
- 55317224008. 4

Question Number : 103 Question Id : 5531726017 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Thermal Conductivity of fine texture soil varies in which of the following order?

1. Loam>sand>clay
2. Sand> loam> clay
3. Sand<loam<clay
4. Loam<clay<sand

Options :

- 55317224009. 1
- 55317224010. 2
- 55317224011. 3
- 55317224012. 4

Question Number : 104 Question Id : 5531726018 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Line joining the areas of same wind speed are called as

1. Isohyet
2. Isobars
3. Isotach
4. Isotherms

Options :

- 55317224013. 1
- 55317224014. 2
- 55317224015. 3
- 55317224016. 4

Question Number : 105 Question Id : 5531726019 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

What is the average rainfall of India?

1. 110 cm
2. 200 cm
3. 310 cm
4. 400 cm

Options :

55317224017. 1
55317224018. 2
55317224019. 3
55317224020. 4

Question Number : 106 Question Id : 5531726020 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Ombrometer is another name of

1. Radiometer
2. Photometer
3. Anemometer
4. Rain gauge

Options :

55317224021. 1
55317224022. 2
55317224023. 3
55317224024. 4

Question Number : 107 Question Id : 5531726021 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Reducing carbon emission using technological interventions is called

1. Adaptation strategies
2. Mitigation strategies
3. Climate proofing
4. Carbon sequestration

Options :

55317224025. 1
55317224026. 2
55317224027. 3
55317224028. 4

Question Number : 108 Question Id : 5531726022 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following is a method of quantitative weather forecast?

1. Numerical weather prediction
2. Synoptic Analysis
3. Remote sensing
4. Satellite meteorology

Options :

55317224029. 1

55317224030. 2

55317224031. 3

55317224032. 4

Question Number : 109 Question Id : 5531726023 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Thiessen polygons are used for which of the following events:

1. Probability Analysis
2. Estimation of missing rainfall
3. Rain storm Analysis
4. Frequency of precipitation

Options :

55317224033. 1

55317224034. 2

55317224035. 3

55317224036. 4

Question Number : 110 Question Id : 5531726024 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Agricultural Drought Index (ADI) is calculated as ratio of

1. Water deficit to evaporation
2. PET to water deficit
3. Evaporation to water deficit
4. Water deficit to PET

Options :

55317224037. 1

55317224038. 2

55317224039. 3

55317224040. 4

Question Number : 111 Question Id : 5531726025 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The heat unit concept is related with which of the following:

1. Kirchhoff's law
2. Beer's law
3. Van't Hoff's law
4. Wein's law

Options :

- 55317224041. 1
- 55317224042. 2
- 55317224043. 3
- 55317224044. 4

**Question Number : 112 Question Id : 5531726026 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1**

The head quarter of WMO is located at:

1. Paris
2. Geneva
3. London
4. New York

Options :

- 55317224045. 1
- 55317224046. 2
- 55317224047. 3
- 55317224048. 4

**Question Number : 113 Question Id : 5531726027 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1**

The National Action Plan on Climate Change (NAPCC) was released on

1. June 30, 2008
2. June 30, 2009
3. June 30, 2010
4. June 30, 2011

Options :

- 55317224049. 1
- 55317224050. 2
- 55317224051. 3
- 55317224052. 4

**Question Number : 114 Question Id : 5531726028 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1**

The point at which photosynthesis and respiration are in equilibrium is known as

1. Photo respiration
2. Light compensation pint
3. Light saturation pint
4. Dark respiration

Options :

- 55317224053. 1
- 55317224054. 2
- 55317224055. 3
- 55317224056. 4

Question Number : 115 Question Id : 5531726029 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The shade loving plants are called as

1. Xerophytes
2. Heliophytes
3. Bryophytes
4. Sciophytes

Options :

- 55317224057. 1
- 55317224058. 2
- 55317224059. 3
- 55317224060. 4

Question Number : 116 Question Id : 5531726030 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following is associated with book keeping approach of water balance:

1. Penman
2. Thornthwaite
3. Popov & Perre
4. Doorenbos & Pruitt

Options :

- 55317224061. 1
- 55317224062. 2
- 55317224063. 3
- 55317224064. 4

Question Number : 117 Question Id : 5531726031 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

An instrument used to measure crop canopy temperature

1. Psychrometer
2. Barometer
3. Infrared Thermometer
4. Quantum Sensor

Options :

- 55317224065. 1
- 55317224066. 2
- 55317224067. 3
- 55317224068. 4

Question Number : 118 Question Id : 5531726032 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Mango shower is a term used for

1. Post monsoon rainfall
2. Rains due to Western Disturbance
3. Monsoon rainfall
4. Pre-monsoon rainfall

Options :

- 55317224069. 1
- 55317224070. 2
- 55317224071. 3
- 55317224072. 4

Question Number : 119 Question Id : 5531726033 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Horizontal transfer of heat, mass & momentum is called
as

1. Conduction
2. Advection
3. Radiation
4. Convection

Options :

- 55317224073. 1
- 55317224074. 2
- 55317224075. 3
- 55317224076. 4

Question Number : 120 Question Id : 5531726034 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following gas is vital for biological & climatic point of view?

1. Nitrogen
2. Helium
3. CO₂
4. Oxygen

Options :

- 55317224077. 1
- 55317224078. 2
- 55317224079. 3
- 55317224080. 4

Question Number : 121 Question Id : 5531726035 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Medium range weather forecasting is valid for

1. 1-2 days
2. 3-5 days
3. 3-10 days
4. >10 days

Options :

- 55317224081. 1
- 55317224082. 2
- 55317224083. 3
- 55317224084. 4

Question Number : 122 Question Id : 5531726036 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Who is known as father of dendrochronology?

1. Dietrich Brandis
2. H.P. Brown
3. Elizabeth Wheeler
4. A.E. Douglass

Options :

- 55317224085. 1
- 55317224086. 2
- 55317224087. 3
- 55317224088. 4

Question Number : 123 Question Id : 5531726037 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The time period (expressed as growing degree day over a base temperature of 9°C) during which a plant is not responsive to the changes in photo period is

1. Juvenile Phase coefficient
2. Critical photo period coefficient
3. Grain filling coefficient
4. Photo periodism coefficient

Options :

55317224089. 1

55317224090. 2

55317224091. 3

55317224092. 4

Question Number : 124 Question Id : 5531726038 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

IMD started issuing long range weather forecast service in:

1. 1985
2. 1986
3. 1988
4. 1989

Options :

55317224093. 1

55317224094. 2

55317224095. 3

55317224096. 4

Question Number : 125 Question Id : 5531726039 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

La Nina is associated within India as

1. High rainfall and high-water temperature
2. Low rain fall and cold water temperature
3. Low rain fall and high water temperature
4. High rainfall and cold-water temperature

Options :

55317224097. 1

55317224098. 2

55317224099. 3

55317224100. 4

Question Number : 126 Question Id : 5531726040 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The Angstrom's formula relates sunshine duration with

1. Day length
2. Solar radiation
3. Leaf area
4. ET

Options :

- 55317224101. 1
- 55317224102. 2
- 55317224103. 3
- 55317224104. 4

**Question Number : 127 Question Id : 5531726041 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 4 Wrong Marks : 1

Which of the following is not a weather forecasting tool?

1. Pilot balloons
2. Synoptic chart
3. RADAR
4. GIS

Options :

- 55317224105. 1
- 55317224106. 2
- 55317224107. 3
- 55317224108. 4

**Question Number : 128 Question Id : 5531726042 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 4 Wrong Marks : 1

Which of the following is a long day plant?

1. Barley
2. Maize
3. Sugarcane
4. Cotton

Options :

- 55317224109. 1
- 55317224110. 2
- 55317224111. 3
- 55317224112. 4

**Question Number : 129 Question Id : 5531726043 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 4 Wrong Marks : 1

The cardinal temperature for germination of wheat in °C is

	Minimum	maximum	optimum
1.	3.0-4.5	38-40	20.0
2.	3.0-4.5	30-32	25.0
3.	13-14	28.0	38.0
4.	10-12	36-38	30-32

Options :

- 55317224113. 1
- 55317224114. 2
- 55317224115. 3
- 55317224116. 4

Question Number : 130 Question Id : 5531726044 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The models which do not account for time factor & dependant and independent variables remain unchanged are

- 1. Static model
- 2. Dynamic model
- 3. Phenological model
- 4. Statistical model

Options :

- 55317224117. 1
- 55317224118. 2
- 55317224119. 3
- 55317224120. 4

Question Number : 131 Question Id : 5531726045 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following is engineering approach of drought management?

- 1. Water harvesting & scooping of land
- 2. Short duration varieties
- 3. Use of anti transpirants
- 4. Greater sink capability

Options :

- 55317224121. 1
- 55317224122. 2
- 55317224123. 3
- 55317224124. 4

Question Number : 132 Question Id : 5531726046 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The ET is measured in field conditions by

1. Gravimetric method
2. Lysimeter
3. Evaporimeter
4. Anemometer

Options :

- 55317224125. 1
- 55317224126. 2
- 55317224127. 3
- 55317224128. 4

Question Number : 133 Question Id : 5531726047 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Hyetograph is a plot of rainfall against

1. Intensity
2. Time
3. Probability
4. Height

Options :

- 55317224129. 1
- 55317224130. 2
- 55317224131. 3
- 55317224132. 4

Question Number : 134 Question Id : 5531726048 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Advection energy during the oasis effect is drawn from

1. Soil
2. Water
3. Crops
4. Air

Options :

- 55317224133. 1
- 55317224134. 2
- 55317224135. 3
- 55317224136. 4

Question Number : 135 Question Id : 5531726049 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Helio thermal units describe the relation of temperature with

1. Day length
2. Plant duration
3. Sunshine hours
4. Respiration

Options :

- 55317224137. 1
- 55317224138. 2
- 55317224139. 3
- 55317224140. 4

Question Number : 136 Question Id : 5531726050 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The maximum distance between the Earth and the Sun is 152 million km, and the Earth is at the aphelion. The date at which the Earth is at aphelion is

1. July, 4
2. January, 3
3. August, 28
4. July, 28

Options :

- 55317224141. 1
- 55317224142. 2
- 55317224143. 3
- 55317224144. 4

Question Number : 137 Question Id : 5531726051 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

WOFOST is the name of a crop model which falls under the category of

1. Statistical model
2. Static model
3. Simulation model
4. Empirical model

Options :

- 55317224145. 1
- 55317224146. 2
- 55317224147. 3
- 55317224148. 4

Question Number : 138 Question Id : 5531726052 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Subtropical high-pressure belt on the earth surface falls between:

1. 25° N and 35° N
2. 5° N and 5° S
3. At equator
4. 35° N and 60° N

Options :

- 55317224149. 1
- 55317224150. 2
- 55317224151. 3
- 55317224152. 4

Question Number : 139 Question Id : 5531726053 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Optimum condition for potato blight is

1. 4 hours of dew with minimum temperature <10°C
2. 2 hours of dew with minimum temperature 10° C
3. 4 hours dew with minimum temperature of 15° C
4. 2 hours dew with minimum temperature of 15° C

Options :

- 55317224153. 1
- 55317224154. 2
- 55317224155. 3
- 55317224156. 4

Question Number : 140 Question Id : 5531726054 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Ability of ecosystem to absorb climatic disturbances retaining basic structure and capacity to adapt the stress is referred to

1. Adaptation
2. Vulnerability
3. Resilience
4. Mitigation

Options :

- 55317224157. 1
- 55317224158. 2
- 55317224159. 3
- 55317224160. 4

Question Number : 141 Question Id : 5531726055 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which industry is biggest user of chromium?

1. Pulp and paper
2. Tannery
3. Fungicide
4. Chlor- alkali

Options :

- 55317224161. 1
- 55317224162. 2
- 55317224163. 3
- 55317224164. 4

Question Number : 142 Question Id : 5531726056 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Black foot disease is caused by consumption of water containing excess of

1. Arsenic
2. Fluoride
3. Iodine
4. Chromium

Options :

- 55317224165. 1
- 55317224166. 2
- 55317224167. 3
- 55317224168. 4

Question Number : 143 Question Id : 5531726057 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Ammonia stripping is used for removal of

1. Phosphorus
2. Chloride
3. Nitrogen
4. Sulphur

Options :

- 55317224169. 1
- 55317224170. 2
- 55317224171. 3
- 55317224172. 4

Question Number : 144 Question Id : 5531726058 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Total Ramsar sites in World are

1. 1021
2. 1201
3. 888
4. 2200

Options :

- 55317224173. 1
- 55317224174. 2
- 55317224175. 3
- 55317224176. 4

Question Number : 145 Question Id : 5531726059 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Chromium salts are added in plastics to impart which colour?

1. Black
2. Yellow
3. Dark red
4. Green

Options :

- 55317224177. 1
- 55317224178. 2
- 55317224179. 3
- 55317224180. 4

Question Number : 146 Question Id : 5531726060 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The most abundant mineral in earth's surface is

1. Quartz
2. Feldspar
3. Mica
4. Granite

Options :

- 55317224181. 1
- 55317224182. 2
- 55317224183. 3
- 55317224184. 4

Question Number : 147 Question Id : 5531726061 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following is the purest form of coal?

1. Lignite
2. Bituminous
3. Anthracite
4. Charcoal

Options :

- 55317224185. 1
- 55317224186. 2
- 55317224187. 3
- 55317224188. 4

Question Number : 148 Question Id : 5531726062 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Agrostological methods of soil conservation involve the use of

1. Grasses
2. Livestock
3. Trees
4. Shrubs

Options :

- 55317224189. 1
- 55317224190. 2
- 55317224191. 3
- 55317224192. 4

Question Number : 149 Question Id : 5531726063 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Mechanical process in which raw solid waste is compacted into rectangular blocks is called:

1. Shredding
2. Balling
3. Milling
4. Packing

Options :

- 55317224193. 1
- 55317224194. 2
- 55317224195. 3
- 55317224196. 4

Question Number : 150 Question Id : 5531726064 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

ISO- 14040 relates to

1. Life cycle analysis
2. Cost-benefit analysis
3. Environmental audit
4. Energy audit

Options :

- 55317224197. 1
- 55317224198. 2
- 55317224199. 3
- 55317224200. 4

Question Number : 151 Question Id : 5531726065 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Magnitude of Coriolis force is maximum at

1. Equator
2. Poles
3. Mid- latitude
4. Horse latitude

Options :

- 55317224201. 1
- 55317224202. 2
- 55317224203. 3
- 55317224204. 4

Question Number : 152 Question Id : 5531726066 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

An isolated hill surrounded by lava is called:

1. Inselberg
2. Cuesta
3. Step toe
4. Mesa

Options :

- 55317224205. 1
- 55317224206. 2
- 55317224207. 3
- 55317224208. 4

Question Number : 153 Question Id : 5531726067 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Lowest salinity in oceanic water is found near

1. Sub tropics
2. Near rainy belt of equator
3. Polar regions
4. Atlantic region

Options :

55317224209. 1

55317224210. 2

55317224211. 3

55317224212. 4

Question Number : 154 Question Id : 5531726068 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Monad equation can be used for calculating

1. Primary productivity
2. Population growth rate
3. Net Primary productivity
4. Species – extinction rate

Options :

55317224213. 1

55317224214. 2

55317224215. 3

55317224216. 4

Question Number : 155 Question Id : 5531726069 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Two species cannot occupy the same niche in an ecosystem for long because of

1. Parasitism
2. Mutualism
3. Competitive exclusion
4. Mutually assured destruction

Options :

55317224217. 1

55317224218. 2

55317224219. 3

55317224220. 4

Question Number : 156 Question Id : 5531726070 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Positive lapse rate of temperature profile occurs in which of the following layer of atmosphere?

1. Stratosphere
2. Troposphere
3. Mesosphere
4. Ionosphere

Options :

- 55317224221. 1
- 55317224222. 2
- 55317224223. 3
- 55317224224. 4

Question Number : 157 Question Id : 5531726071 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

A derelict land is the one which is

1. Defaced by mining activities
2. Damaged by industrial/ developmental activities
3. Recovered after mining activities
4. Reclaimed from sea

Options :

- 55317224225. 1
- 55317224226. 2
- 55317224227. 3
- 55317224228. 4

Question Number : 158 Question Id : 5531726072 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Biological Diversity Act was enacted in year

1. 2002
2. 2005
3. 2006
4. 2004

Options :

- 55317224229. 1
- 55317224230. 2
- 55317224231. 3
- 55317224232. 4

Question Number : 159 Question Id : 5531726073 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The functional space an organism occupies is called

1. Ecosystem
2. Niche
3. Landscape
4. Biome

Options :

- 55317224233. 1
- 55317224234. 2
- 55317224235. 3
- 55317224236. 4

Question Number : 160 Question Id : 5531726074 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Species, on which several other species are dependant,
are called

1. Keystone species
2. Bioindicator species
3. Dominant species
4. Sentinels

Options :

- 55317224237. 1
- 55317224238. 2
- 55317224239. 3
- 55317224240. 4

Question Number : 161 Question Id : 5531726075 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Valley of flowers is located in

1. Himachal Pradesh
2. Uttarakhand
3. Sikkim
4. Jammu & Kashmir

Options :

- 55317224241. 1
- 55317224242. 2
- 55317224243. 3
- 55317224244. 4

Question Number : 162 Question Id : 5531726076 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Botanical name of amla is

1. *Pyracantha crenulate*
2. *Rubus species*
3. *Emblica officinalis*
4. *Rhododendron arboreum*

Options :

- 55317224245. 1
- 55317224246. 2
- 55317224247. 3
- 55317224248. 4

Question Number : 163 Question Id : 5531726077 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following is not a greenhouse gas?

1. Methane
2. Carbon dioxide
3. Chlorofluorocarbon
4. Carbon monoxide

Options :

- 55317224249. 1
- 55317224250. 2
- 55317224251. 3
- 55317224252. 4

Question Number : 164 Question Id : 5531726078 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Water (prevention and control of pollution) Act was enacted in the year:

1. 1974
2. 1975
3. 1973
4. 1906

Options :

- 55317224253. 1
- 55317224254. 2
- 55317224255. 3
- 55317224256. 4

Question Number : 165 Question Id : 5531726079 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

A locally adapted variant of an organism, differing genetically from other is called:

1. Ecotone
2. Ecotype
3. Ecophene
4. Exotics

Options :

- 55317224257. 1
- 55317224258. 2
- 55317224259. 3
- 55317224260. 4

Question Number : 166 Question Id : 5531726080 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Species that are extremely rare and occur only in few locations, are called

1. Endemic species
2. Alien species
3. Invasive species
4. Native species

Options :

- 55317224261. 1
- 55317224262. 2
- 55317224263. 3
- 55317224264. 4

Question Number : 167 Question Id : 5531726081 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Maximum number of individuals supported by the environment is called

1. Carrying capacity
2. Environmental Resistance
3. Tolerance limit
4. Resilience limit

Options :

- 55317224265. 1
- 55317224266. 2
- 55317224267. 3
- 55317224268. 4

Question Number : 168 Question Id : 5531726082 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Terrace farming is practiced in

1. Desert
2. Hills
3. Plains
4. Coasts

Options :

55317224269. 1

55317224270. 2

55317224271. 3

55317224272. 4

Question Number : 169 Question Id : 5531726083 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

What are the sources of soil nitrogen?

1. Atmospheric nitrogen and organic matter fixation with ammonification and mycorrhiza
2. Mycorrhiza fixation only
3. Oxidation of rain water only
4. Symbiotic fixation by bacterial SPS present in soil.

Options :

55317224273. 1

55317224274. 2

55317224275. 3

55317224276. 4

Question Number : 170 Question Id : 5531726084 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Shannon diversity index measures the diversity of

1. Community
2. Genus
3. Man-made ecosystem
4. Water bodies

Options :

55317224277. 1

55317224278. 2

55317224279. 3

55317224280. 4

Question Number : 171 Question Id : 5531726085 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Seismograph relates to:

1. Humidity
2. Earth quake
3. Light
4. Noise

Options :

- 55317224281. 1
- 55317224282. 2
- 55317224283. 3
- 55317224284. 4

Question Number : 172 Question Id : 5531726086 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Salt tolerant plant used for soil reclamation is

1. *Casuarina equisetifolia*
2. *Alnus nepalensis*
3. *Leucaena lcucocephela*
4. *Eucalyptus sp*

Options :

- 55317224285. 1
- 55317224286. 2
- 55317224287. 3
- 55317224288. 4

Question Number : 173 Question Id : 5531726087 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

International Biodiversity day is observed on

1. 21st March
2. 22nd May
3. 24th April
4. 05th June

Options :

- 55317224289. 1
- 55317224290. 2
- 55317224291. 3
- 55317224292. 4

Question Number : 174 Question Id : 5531726088 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The following national park is for the conservation of single horned Rhinoceros

1. Kaziranga
2. Indira Gandhi
3. Dudhwa
4. Sariska

Options :

- 55317224293. 1
- 55317224294. 2
- 55317224295. 3
- 55317224296. 4

**Question Number : 175 Question Id : 5531726089 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1**

Wildlife Institute of India is located at

1. Kolkata
2. Dehradun
3. Hyderabad
4. Shimla

Options :

- 55317224297. 1
- 55317224298. 2
- 55317224299. 3
- 55317224300. 4

**Question Number : 176 Question Id : 5531726090 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1**

Alternate growing of crops and grasses is known as

1. Silviculture
2. Permaculture
3. Zero tillage
4. Ley farming

Options :

- 55317224301. 1
- 55317224302. 2
- 55317224303. 3
- 55317224304. 4

**Question Number : 177 Question Id : 5531726091 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1**

According to National water policy 2012, the priority is to consider water as

1. Economic good
2. Public good
3. Private good
4. Resource of national importance

Options :

55317224305. 1

55317224306. 2

55317224307. 3

55317224308. 4

Question Number : 178 Question Id : 5531726092 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Levulinic acid, a feedstock can be produced from the sludge of

1. Tanneries
2. Paper & board mills
3. Distilleries
4. Photo film industries

Options :

55317224309. 1

55317224310. 2

55317224311. 3

55317224312. 4

Question Number : 179 Question Id : 5531726093 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Difference between biomass produced during photosynthesis and those lost during respiration is denoted as

1. Net productivity
2. Gross productivity
3. Secondary productivity
4. Mass productivity

Options :

55317224313. 1

55317224314. 2

55317224315. 3

55317224316. 4

Question Number : 180 Question Id : 5531726094 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Nutrient enhanced productivity leading to increase organic matter in aquatic system is called

1. Mineralization
2. Eutrophication
3. Immobilization
4. Oligotrophication

Options :

55317224317. 1

55317224318. 2

55317224319. 3

55317224320. 4

Question Number : 181 Question Id : 5531726095 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Science of contaminants in biosphere and their effects on biotic system is called

1. Ecobiology
2. Ecotoxicology
3. Environmental biology
4. Ecological science

Options :

55317224321. 1

55317224322. 2

55317224323. 3

55317224324. 4

Question Number : 182 Question Id : 5531726096 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

What are second generation biofuels?

1. Produced from non- food biomass
2. Produced from genetically engineered energy crops
3. Produced from vegetable oil
4. Produced from woody biomass

Options :

55317224325. 1

55317224326. 2

55317224327. 3

55317224328. 4

Question Number : 183 Question Id : 5531726097 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

First observatory established to monitor CO₂ concentration levels is situated in:

1. Mauna Lao, Hawaii
2. AAO, Australia
3. Indian Astronomical observatory, India
4. Arecibo observatory, Puerto Rico

Options :

- 55317224329. 1
- 55317224330. 2
- 55317224331. 3
- 55317224332. 4

Question Number : 184 Question Id : 5531726098 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Acid rain is caused by

1. CO₂ and N₂
2. CO₂ AND CO
3. O₃ and CO₂
4. SO₂ and nitrous oxide

Options :

- 55317224333. 1
- 55317224334. 2
- 55317224335. 3
- 55317224336. 4

Question Number : 185 Question Id : 5531726099 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Rio + 10 was held in 2002 at:

1. Johannesburg
2. Durban
3. Cancun
4. Paris

Options :

- 55317224337. 1
- 55317224338. 2
- 55317224339. 3
- 55317224340. 4

Question Number : 186 Question Id : 5531726100 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Basel Convention is to

1. Control transboundary movement of hazardous waste and their disposal
2. Prevent Ozone Pollution
3. Protect biological diversity
4. Control and Prevention of usage of e-waste

Options :

- 55317224341. 1
- 55317224342. 2
- 55317224343. 3
- 55317224344. 4

**Question Number : 187 Question Id : 5531726101 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1**

With reference to Indian Renewable Energy Development Agency (IREDA) which of the following statements is/ are correct?

1. It is Public limited Govt. Company
2. It is a non- banking financial company

Select the correct answer using the code given below

1. 1 only
2. 2 only
3. Both 1& 2
4. Neither 1 nor 2

Options :

- 55317224345. 1
- 55317224346. 2
- 55317224347. 3
- 55317224348. 4

**Question Number : 188 Question Id : 5531726102 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1**

Consider the following statements

1. Animal welfare Board of India is established under Environment Act 1986.
2. National Tiger Conservation Authority is statutory body
3. National Ganga River Basin Authority is chaired by Prime minister

Which of the above statements is/ are correct?

1. 1 only
2. 2 & 3 only
3. 2 only
4. 1, 2 and 3

Options :

55317224349. 1
55317224350. 2
55317224351. 3
55317224352. 4

Question Number : 189 Question Id : 5531726103 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

How does National Biodiversity Authority (NBA) help in protecting the Indian agriculture?

1. NBA checks the bio piracy and protects indigenous and traditional genetic resources
2. NBA directly monitors scientific research on genetic modification of crops.
3. Application of IPR related to genetic/ biological resources cannot be made without NBA approval.

Which of the above statements is/ are correct?

1. 1 only
2. 2 & 3 only
3. 1 & 3 only
4. 1,2 & 3

Options :

55317224353. 1
55317224354. 2
55317224355. 3
55317224356. 4

Question Number : 190 Question Id : 5531726104 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Which of the following can be found as pollutants in drinking water in some parts of India?

1. Arsenic
2. Sorbitol
3. Fluoride
4. Uranium
5. Formaldehyde

Select the correct answer using codes given below:

1. 1 and 3 only
2. 2, 4 & 5 only
3. 1, 3 & 5 only
4. 1,2,3,4 &5

Options :

55317224357. 1
55317224358. 2
55317224359. 3
55317224360. 4

Question Number : 191 Question Id : 5531726105 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Lake having moderate organic matter content is

1. Oligotrophic
2. Mesotrophic
3. Lotic
4. Eutrophic

Options :

55317224361. 1
55317224362. 2
55317224363. 3
55317224364. 4

Question Number : 192 Question Id : 5531726106 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Ecological Pyramid of numbers is found inverted in the following ecosystem

1. Forest ecosystem
2. Desert ecosystem
3. Single Tree ecosystem
4. Pond ecosystem

Options :

55317224365. 1
55317224366. 2
55317224367. 3
55317224368. 4

Question Number : 193 Question Id : 5531726107 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Consider the following countries

1. Denmark
2. Japan
3. Russian Federation
4. U.K.
5. USA

Which of the above are members of Arctic Council?

1. 1, 2 & 3
2. 1, 3 & 4
3. 2, 4 & 5
4. 2, 3 and 5

Options :

55317224369. 1
55317224370. 2
55317224371. 3
55317224372. 4

Question Number : 194 Question Id : 5531726108 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

Richest biodiversity usually occurs in which of the following ecosystem?

1. Tundra
2. Estuaries
3. Pond
4. Temperate coniferous forest

Options :

55317224373. 1
55317224374. 2
55317224375. 3
55317224376. 4

Question Number : 195 Question Id : 5531726109 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 4 Wrong Marks : 1

The following place is a biodiversity hotspot in India

1. Chilka Lake
2. Cold desert
3. Thar desert
4. Western Ghats

Options :

55317224377. 1
55317224378. 2
55317224379. 3
55317224380. 4

**Question Number : 196 Question Id : 5531726110 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 4 Wrong Marks : 1

Generation of wind power energy is maximum in

1. Tamil Nadu
2. Kerala
3. Gujarat
4. Rajasthan

Options :

55317224381. 1
55317224382. 2
55317224383. 3
55317224384. 4

**Question Number : 197 Question Id : 5531726111 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 4 Wrong Marks : 1

Tundra biome is prevalent in

1. Poles
2. Equator
3. Subtropical region
4. Warm Temperate region

Options :

55317224385. 1
55317224386. 2
55317224387. 3
55317224388. 4

**Question Number : 198 Question Id : 5531726112 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical**

Correct Marks : 4 Wrong Marks : 1

Which of the following is not an example of Xenobiotics?

1. Heavy metals
2. PCBs
3. Cellulose
4. DDT

Options :

55317224389. 1
55317224390. 2
55317224391. 3
55317224392. 4

Question Number : 199 Question Id : 5531726113 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

Chernozem is found in

1. Grassland
2. Forest
3. Agroecosystem
4. Coastal area

Options :

55317224393. 1
55317224394. 2
55317224395. 3
55317224396. 4

Question Number : 200 Question Id : 5531726114 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct Marks : 4 Wrong Marks : 1

National Green Tribunal Act 2010 was enacted in consonance of which of the provisions of the constitution of India

1. As a part of administration in scheduled areas for the welfare of Scheduled Tribes under Article 215(1)
2. As a part of Right to Life under article 21

Which of the above is/are correct?

1. 1 only
2. 2 only
3. Both 1&2
4. Neither 1 nor 2

Options :

55317224397. 1
55317224398. 2
55317224399. 3
55317224400. 4