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Notations :

- Options shown in green color and with ✓ icon are correct.
- Options shown in red color and with ✗ icon are incorrect.

Question Paper Name :	General Forestry 2 19032020 S1
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Share Answer Key With Delivery Engine :	No
Actual Answer Key :	Yes
Calculator :	Scientific
Magnifying Glass Required? :	No
Ruler Required? :	No
Eraser Required? :	No
Scratch Pad Required? :	No
Rough Sketch/Notepad Required? :	No
Protractor Required? :	No
Show Watermark on Console? :	Yes
Highlighter :	No
Auto Save on Console? :	Yes

General Forestry 2

Group Number :	1
Group Id :	23109826
Is this Group for Examiner? :	No

General Forestry 2

Section Id :	23109827
Section Number :	1
Section type :	Online
Display Number Panel :	Yes
Group All Questions :	Yes
Mark As Answered Required? :	Yes

Sub-Section Number : 1
Sub-Section Id : 23109832
Question Shuffling Allowed : Yes

Question Number : 1 Question Id : 2310983702 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

The grasslands found in Argentina are called:

Options :

1. ✘ savannas
2. ✘ prairies
3. ✘ steppes
4. ✔ pampas

Question Number : 2 Question Id : 2310983703 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

The various forms of a species to meet the challenges of changing environment that arise by reorganisation of their genes during sexual reproduction are called:

Options :

1. ✘ ecads
2. ✔ ecotypes
3. ✘ pioneers
4. ✘ seres

Question Number : 3 Question Id : 2310983704 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

A standing dead tree devoid of leaves and branches is called:

Options :

1. ✘ litter
2. ✘ down woody
3. ✘ talus
4. ✔ snag

Question Number : 4 Question Id : 2310983705 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Skinner's box is associated with which type of behaviour?

Options :

1. ✓ Operant conditioning
2. ✗ Trial and error learning
3. ✗ Classical conditioning
4. ✗ Habituation

Question Number : 5 Question Id : 2310983706 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

In India, phytosociological approach to study plant communities in grasslands was used for the first time by:

Options :

1. ✗ Harry George Champion
2. ✗ Norman Loftus Bor
3. ✗ Jagat Singh
4. ✓ Shankar Purushottam Agharkar

Question Number : 6 Question Id : 2310983707 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

In age structure studies, an urn shaped figure indicates:

Options :

1. ✓ declining population
2. ✗ stable population
3. ✗ young population
4. ✗ clumped population

Question Number : 7 Question Id : 2310983708 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Which of the following is NOT a man-made disaster in India?

Options :

1. ✗ Boat capsizing
2. ✗ Forest fire
3. ✗ Building collapse
4. ✓ Cyclones

Question Number : 8 Question Id : 2310983709 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

_____ invades monoculture of *Ailanthus excels* causing defoliation.

Options :

1. ✘ *Ascotis imparta*
2. ✘ *Tonica niviferana*
3. ✔ *Atteva fabriciella*
4. ✘ *Plecoptera reflexa*

Question Number : 9 Question Id : 2310983710 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

_____ is an example of secondary hole nesters.

Options :

1. ✘ Indian pangolin
2. ✔ Rose ringed parakeet
3. ✘ Greater yellow naped woodpecker
4. ✘ Pygmy hog

Question Number : 10 Question Id : 2310983711 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

What are the names of the satellite-based modules used for near real-time monitoring of forest fires by the Forest Survey of India?

Options :

1. ✔ MODIS and SNPP-VIIRS
2. ✘ MODIS and SNPV
3. ✘ LISS III and MODIS
4. ✘ LISS III and SNPV

Question Number : 11 Question Id : 2310983712 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Chloral hydrate used for wild animal restraint is an example of:

Options :

1. ✘ tranquilizers
2. ✘ neuroleptics
3. ✔ hypnotics and sedatives
4. ✘ dissociative anaesthetics

Question Number : 12 Question Id : 2310983713 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Inheritance of blood group can be explained by which of the following?

Options :

1. ✘ Quantitative inheritance
2. ✔ Multiple alleles
3. ✘ Incomplete dominance
4. ✘ Gene linkage

Question Number : 13 Question Id : 2310983714 Question Type : MCQ Option Shuffling : Yes Display

Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative

Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

A photographic image that shows the sum of all the chromosome information in an individual cell is called:

Options :

1. ✘ Southern blot
2. ✘ Idiotype
3. ✘ Cartomorph
4. ✔ Karyotype

Question Number : 14 Question Id : 2310983715 Question Type : MCQ Option Shuffling : Yes Display

Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative

Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

In 2010, which institute cloned a buffalo calf named 'Shresth'?

Options :

1. ✘ Indian Veterinary Research Institute, Bareilly
2. ✔ National Dairy Research Institute, Karnal
3. ✘ Tamil Nadu Veterinary and Animal Sciences University, Chennai
4. ✘ Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar

Question Number : 15 Question Id : 2310983716 Question Type : MCQ Option Shuffling : Yes Display

Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative

Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

$SI = D - b(M - A)$. D = daughter's average; M = dam's average; A = herd average; b = regression coefficient of daughters' yield on dam's yield.

What is this index known as?

Options :

1. ✘ Simple Daughter Average Index
2. ✔ Krishna's Index
3. ✘ Heizer's Index
4. ✘ Gifford's Index

Question Number : 16 Question Id : 2310983717 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0.33

Which of the following is a dual-purpose breed of India?

Options :

1. ✘ Red Sindhi
2. ✘ Sahiwal
3. ✔ Rathi
4. ✘ Gir

Question Number : 17 Question Id : 2310983718 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0.33

What is the percentage of crude protein in energy-rich concentrates?

Options :

1. ✘ Less than 25%
2. ✘ Less than 60%
3. ✘ Less than 35%
4. ✔ Less than 18%

Question Number : 18 Question Id : 2310983719 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0.33

IGFRI-S-23-1 is a superior variety of which of the following legumes?

Options :

1. ✘ *Atylosia scarabaeoides*
2. ✔ *Clitoria ternatea*
3. ✘ *Dolichos lablab*
4. ✘ *Pueraria thunbergiana*

Question Number : 19 Question Id : 2310983720 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0.33

What is the technical standard of body weight (kg) at the market age for Turkey (female)?

Options :

1. ✔ 5.5
2. ✘ 9.5
3. ✘ 12.5

4. ✖ 13.5

Question Number : 20 Question Id : 2310983721 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Parakeratosis in pigs is due to the deficiency of which mineral?

Options :

1. ✖ Phosphorus
2. ✖ Iron
3. ✖ Calcium
4. ✔ Zinc

Question Number : 21 Question Id : 2310983722 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Perosis in young chicks is due to the deficiency of which mineral?

Options :

1. ✖ Magnesium
2. ✖ Cobalt
3. ✖ Selenium
4. ✔ Manganese

Question Number : 22 Question Id : 2310983723 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Chastek paralysis in fox is due to the deficiency of which vitamin?

Note: For this question, discrepancy is found in question/answer. So, this question is ignored for all candidates.

Options :

1. B1
2. B2
3. B3
4. B5

Question Number : 23 Question Id : 2310983724 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Which of the following does Prosthogonimus species infect?

Options :

1. ✘ Bull
2. ✘ Steer
3. ✘ Male gallinaceous birds
4. ✔ female gallinaceous birds

Question Number : 24 Question Id : 2310983725 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Which of the following agents causes snotsiekte in wild ruminants?

Options :

1. ✘ Bacteria
2. ✘ Fungi
3. ✘ Phytoplasmas
4. ✔ Viruses

Question Number : 25 Question Id : 2310983726 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

With which of the following is the term modified Kirby Bauer method associated?

Options :

1. ✘ Protein analysis
2. ✘ Assisted parturition
3. ✘ Artificial insemination
4. ✔ Antimicrobial susceptibility

Question Number : 26 Question Id : 2310983727 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

What is the causal agent of Mediterranean fever?

Options :

1. ✘ *Entamoeba histolytica*
2. ✘ Staphylococcal infection
3. ✘ Lyssa virus
4. ✔ *Brucella melitensis*

Question Number : 27 Question Id : 2310983728 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Zoonotic diseases transmitted from human beings to the lower vertebrate animals are called:

Options :

1. ✘ anthroozoonoses
2. ✔ zooanthroponoses
3. ✘ amphixenoses
4. ✘ amlinxoses

Question Number : 28 Question Id : 2310983729 Question Type : MCQ Option Shuffling : Yes Display

Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative

Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

What is the scientific name of rock bee?

Options :

1. ✘ *Apis indica*
2. ✔ *Apis dorsata*
3. ✘ *Apis florea*
4. ✘ *Apis mellifera*

Question Number : 29 Question Id : 2310983730 Question Type : MCQ Option Shuffling : Yes Display

Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative

Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Where is the Indian Institute of Natural Resins and Gums located?

Options :

1. ✘ Solan
2. ✘ Dehradun
3. ✔ Ranchi
4. ✘ Saharanpur

Question Number : 30 Question Id : 2310983731 Question Type : MCQ Option Shuffling : Yes Display

Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative

Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Identify the species that produces Tasar silk.

Options :

1. ✔ *Antherea proylei*
2. ✘ *Antherea assama*
3. ✘ *Philosamia ricini*
4. ✘ *Bombyx mori*

Question Number : 31 Question Id : 2310983732 Question Type : MCQ Option Shuffling : Yes Display

Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative

Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Which of the following snake species produces haemotoxin?

Options :

1. ✘ Cobras
2. ✘ Sea snakes
3. ✔ Russell's viper
4. ✘ Common krait

Question Number : 32 Question Id : 2310983733 Question Type : MCQ Option Shuffling : Yes Display

Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative

Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Where is the Central Silk Technological Research Institute situated?

Options :

1. ✘ Itanagar
2. ✔ Bengaluru
3. ✘ Pune
4. ✘ Mysuru

Question Number : 33 Question Id : 2310983734 Question Type : MCQ Option Shuffling : Yes Display

Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative

Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Who first translated the meaning of the waggle dance of bees?

Options :

1. ✔ Karl von Frisch
2. ✘ Edward Lorenze
3. ✘ Jürgen Tautz
4. ✘ Ernst Spitzner

Question Number : 34 Question Id : 2310983735 Question Type : MCQ Option Shuffling : Yes Display

Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative

Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Which of the following is the causal agent of milk shrimp disease?

Options :

1. ✘ *Flavobacterium sp*
2. ✘ *Leucouthrix sp*
3. ✔ *Thelohania sp*
4. ✘ *Zoothamnium sp*

Question Number : 35 Question Id : 2310983736 Question Type : MCQ Option Shuffling : Yes Display

Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

The ratio of sample size to study population size is known as:

Options :

1. ✘ stratum
2. ✘ sampling unit
3. ✔ sampling fraction
4. ✘ sampling fame

Question Number : 36 Question Id : 2310983737 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Find the median of the following data set: 10, 11, 13, 11, 12, 10, 13, 11, 12, 15, 12

Options :

1. ✘ 6
2. ✔ 12
3. ✘ 11
4. ✘ 11.5

Question Number : 37 Question Id : 2310983738 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Who coined the term null hypotheses?

Options :

1. ✔ Ronald Aylmer Fisher
2. ✘ Cyril Harold Goulden
3. ✘ Calyampudi Radhakrishna Rao
4. ✘ David Cox

Question Number : 38 Question Id : 2310983739 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

A hypothesis that specifies all the parameters of a distribution is called:

Options :

1. ✘ composite hypothesis
2. ✔ simple hypothesis
3. ✘ parametric hypothesis
4. ✘ non-parametric hypothesis

Question Number : 39 Question Id : 2310983740 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0.33

Which of the following is NOT an assumption for t-test?

Note: For this question, discrepancy is found in question/answer. So, this question is ignored for all candidates.

Options :

1. Parent population is normal.
2. Sample has been selected randomly.
3. Sample size is large.
4. Population standard deviation is not known.

Question Number : 40 Question Id : 2310983741 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0.33

Schedule VI of Wildlife Protection Act (1972) deals with:

Options :

1. ✓ Beddomes cycad, blue vanda, Kuth, lady's slipper orchid, pitcher plant, red vanda
2. ✗ Beddomes cycad, blue vanda, kuth, flame of the forest, pitcher plant, red vanda
3. ✗ Beddomes cycad, blue vanda, kuth, lady's slipper orchid, venus fly trap, red vanda
4. ✗ calamus, blue vanda, kuth, lady's slipper orchid, pitcher plant, red vanda

Question Number : 41 Question Id : 2310983742 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0.33

_____ of Wildlife Protection Act (1972) deals with the National Tiger Conservation Authority.

Options :

1. ✗ Chapter IIIB
2. ✗ Chapter VI B
3. ✓ Chapter IV B
4. ✗ Chapter VB

Question Number : 42 Question Id : 2310983743 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0.33

Where is the Indian Institute of Forest Management situated?

Options :

1. ✓ Bhopal
2. ✗ Mumbai
3. ✗ Kozhikode
4. ✗ Indore

Question Number : 43 Question Id : 2310983744 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Where is the Indian Society for Ecological Economics situated?

Options :

1. ✓ Delhi
2. ✗ Chennai
3. ✗ Bengaluru
4. ✗ Kolkata

Question Number : 44 Question Id : 2310983745 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Which of the following is NOT a provisioning service obtained from forests?

Options :

1. ✗ Fuel wood
2. ✓ Nutrient cycling
3. ✗ Fibre
4. ✗ Food

Question Number : 45 Question Id : 2310983746 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

The method employed to estimate recreational values of a national park is:

Options :

1. ✗ hedonic pricing
2. ✗ market value method
3. ✓ travel cost method
4. ✗ benefit transfer method

Question Number : 46 Question Id : 2310983747 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Which section of the Indian Forest Act,1927, deals with the following: 'Persons enjoying benefits out of

forests are bound to take steps to extinguish any forest fire’?

Options :

1. ✘ Section 33 (1) (d)
2. ✘ Section 33 (2)
3. ✘ Section 26 (1) (c)
4. ✔ Section 79 (1)

Question Number : 47 Question Id : 2310983748 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

According to the Wildlife Protection Act, 1972, which section deals with the ‘declaration and management of a conservation reserve’?

Options :

1. ✘ Section 38 B
2. ✘ Section 12 A
3. ✔ Section 36 A
4. ✘ Section 34 A

Question Number : 48 Question Id : 2310983749 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

In a tree, Christen hypsometer is used to measure which of the following?

Options :

1. ✘ Taper
2. ✘ Diameter
3. ✘ Volume
4. ✔ Height

Question Number : 49 Question Id : 2310983750 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

The time that elapses between successive main fellings on the same area is known as:

Options :

1. ✘ felling interval
2. ✘ felling series
3. ✔ felling cycle
4. ✘ felling regime

Question Number : 50 Question Id : 2310983751 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative

Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

The formula of glorious simplicity is also called:

Options :

1. ✘ Simmon's modification
2. ✘ Howard's modification
3. ✘ Masson's formula
4. ✔ Von Mantel's formula

Question Number : 51 Question Id : 2310983752 Question Type : MCQ Option Shuffling : Yes Display

Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative

Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Which of the following satellites and sensors were used by the Forest Survey of India for the XVI cycle of assessment of forests in India?

Options :

1. ✘ IRS -ID and LISS III
2. ✔ IRS-Resourcesat-2 and LISS III
3. ✘ LANDSAT and MSS
4. ✘ IRS-P6 and LISS III

Question Number : 52 Question Id : 2310983753 Question Type : MCQ Option Shuffling : Yes Display

Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative

Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

The rotation that yields the highest net returns on the invested capital is called:

Options :

1. ✘ forest rental
2. ✘ soil expectation value
3. ✔ financial rotation
4. ✘ technical rotation

Question Number : 53 Question Id : 2310983754 Question Type : MCQ Option Shuffling : Yes Display

Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative

Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Which of the following is a renewable resource?

Options :

1. ✘ Ore
2. ✘ Coal
3. ✔ Ground water
4. ✘ Petroleum

Question Number : 54 Question Id : 2310983755 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0.33

The Nagarjuna Sagar Project is built on which river?

Options :

1. ✘ Beas
2. ✘ Tapti
3. ✘ Satluj
4. ✔ Krishna

Question Number : 55 Question Id : 2310983756 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0.33

Which of the following missions is NOT under the National Action Plan on Climate Change?

Options :

1. ✘ Sustainable Habitat
2. ✘ Water Mission
3. ✘ Green India
4. ✔ Green GDP

Question Number : 56 Question Id : 2310983757 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0.33

Which of the following plants does NOT yield bio-diesel?

Options :

1. ✘ *Simarouba glauca*
2. ✘ *Pongamia pinnata*
3. ✘ *Calophyllum inophyllum*
4. ✔ *Xylia Xylocarpa*

Question Number : 57 Question Id : 2310983758 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0.33

Dry Forest in Asia Process deals with:

Options :

1. ✘ developing criteria and indicators for forestry education
2. ✘ developing criteria and indicators for deforestation
3. ✘ developing protocols for forestry job creation
4. ✔ developing criteria and indicators for sustainable management

Question Number : 58 Question Id : 2310983759 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Who authored the book 'Silent Spring'?

Options :

1. ✓ Rachel Carson
2. ✗ John Muir
3. ✗ Aldo Leopold
4. ✗ Valmik Thapar

Question Number : 59 Question Id : 2310983760 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Who is the founder of the Appiko Movement?

Options :

1. ✗ Anil Jhoshi
2. ✗ Sunderlal Bahuguna
3. ✓ Panduranga Hegde
4. ✗ Vandana Shiva

Question Number : 60 Question Id : 2310983761 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

The Cartagena Protocol deals with:

Options :

1. ✗ oceanic temperature regimes
2. ✗ excessive pesticide usage
3. ✗ oil spills in oceans
4. ✓ living modified organisms

Question Number : 61 Question Id : 2310983762 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Minamata disease is caused by:

Options :

1. ✗ lead contamination
2. ✗ phosphorus contamination
3. ✓ mercury contamination

4. ✖ fluorine contamination

Question Number : 62 Question Id : 2310983763 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

The Bhopal gas tragedy took place in the year:

Options :

1. ✖ 1981
2. ✖ 1982
3. ✖ 1983
4. ✔ 1984

Question Number : 63 Question Id : 2310983764 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

The UN Climate Action Summit 2019 was held in:

Options :

1. ✔ New York
2. ✖ Davos
3. ✖ Hyderabad
4. ✖ Dehradun

Question Number : 64 Question Id : 2310983765 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Which of the following pollutants are regularly monitored by the National Air Quality Monitoring Programme?

Options :

1. ✖ PM10, carbon dioxide, fluorine, ozone, SO_x and NO_x
2. ✖ PM10, SO_x, NO_x, lead and respirable suspended particulate matter
3. ✖ PM10, ozone, SO_x, NO_x and lead
4. ✔ SO_x, NO_x, suspended particulate material and respirable suspended particulate matter

Question Number : 65 Question Id : 2310983766 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Eco-sensitive zones are declared under which act?

Options :

1. ✖ Wildlife (Protection) Act, 1972

2. ✓ Environmental (Protection) Act, 1986
3. ✗ Forest (Conservation) Act, 1980
4. ✗ Indian Forest Act, 1927

Question Number : 66 Question Id : 2310983767 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Which of the following is the shortest highway in India?

Options :

1. ✗ NH6
2. ✗ NH7
3. ✗ NH34A
4. ✓ NH47A

Question Number : 67 Question Id : 2310983768 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

What is the design speed of arterial roads in India?

Options :

1. ✗ 130 km/h
2. ✓ 80 km/h
3. ✗ 45 km/h
4. ✗ 30 km/h

Question Number : 68 Question Id : 2310983769 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

In India, the cross-section of hairpin bends in hilly areas should be at the intervals of:

Options :

1. ✓ 20 to 25 m
2. ✗ 10 to 15 m
3. ✗ 30 to 35 m
4. ✗ 30 to 40 m

Question Number : 69 Question Id : 2310983770 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

What is the interval for cross-sectional levelling in plains in India?

Note: For this question, discrepancy is found in question/answer. So, this question is ignored for all candidates.

Options :

1. 20 m
2. 10 m
3. 50-100 m
4. 50-75 m

Question Number : 70 Question Id : 2310983771 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

India's first dedicated underpass for wild animals is in which national highway?

Options :

1. ✓ NH-7/44
2. ✗ NH-16/36
3. ✗ NH-11/44
4. ✗ NH-7/56

Question Number : 71 Question Id : 2310983772 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

The triaxial compression test is performed to determine:

Options :

1. ✗ soil texture
2. ✗ shrinkage limit of soil
3. ✓ shear strength parameters of soil
4. ✗ soil structure

Question Number : 72 Question Id : 2310983773 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

What is the use of Vicat apparatus?

Options :

1. ✗ To determine the hardness of bitumen
2. ✓ To determine the setting time of cement
3. ✗ To determine slope
4. ✗ To determine tipping point

Question Number : 73 Question Id : 2310983774 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0.33

A network diagramming technique in which activities are represented by arrows is called:

Options :

1. ✘ Venn diagram
2. ✘ Chapati diagram
3. ✔ A-O-A diagram
4. ✘ Time diagram

Question Number : 74 Question Id : 2310983775 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0.33

The Program Evaluation and Review Technique was developed by:

Options :

1. ✘ Lockheed
2. ✘ William Taylor
3. ✔ Frederick Taylor
4. ✘ Blackwith Taylor

Question Number : 75 Question Id : 2310983776 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0.33

Which of the following techniques is used in business to determine the true cost difference between alternatives?

Options :

1. ✘ Integrated analysis
2. ✘ Factor analysis
3. ✘ Form analysis
4. ✔ Incremental analysis

Question Number : 76 Question Id : 2310983777 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0.33

The precedence diagramming method is also called:

Options :

1. ✘ the marginal analysis method
2. ✔ the activity-on-node method
3. ✘ the cost transfer method

4. ✘ the differential cost method

Question Number : 77 Question Id : 2310983778 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Critical path method was developed by:

Options :

1. ✘ William Walker and James Kelley
2. ✘ William Walker and Morgan Walker
3. ✔ Morgan Walker and James Kelley
4. ✘ Morgan Kelley and James Kelley

Question Number : 78 Question Id : 2310983779 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

The ABC analysis is similar to which of the following principles?

Options :

1. ✘ Epstein principle
2. ✘ Axtell principle
3. ✘ Sugarscape principle
4. ✔ Pareto principle

Question Number : 79 Question Id : 2310983780 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Which of the following is NOT a participatory rural appraisal tool?

Options :

1. ✘ Seasonal calendar
2. ✔ Technology networking
3. ✘ Resource cards
4. ✘ Matrix ranking

Question Number : 80 Question Id : 2310983781 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

In fibre communications, which of the following types of multiplexing is used?

Options :

1. ✔ Wavelength division multiplexing
2. ✘ Time division multiplexing

- ✘ Frequency division multiplexing
- ✘ Synchronous division multiplexing

Question Number : 81 Question Id : 2310983782 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

What is the frequency of sky waves?

Options :

- ✘ 30 MHz to 300 MHz
- ✘ 60 MHz to 300 MHz
- ✔ 2 MHz to 30 MHz
- ✘ 65 MHz to 300 MHz

Question Number : 82 Question Id : 2310983783 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

An orbit with an inclination of less than 90° is known as:

Options :

- ✘ Hohmann transfer orbit
- ✔ Prograde orbit
- ✘ Retrograde orbit
- ✘ Polar orbit

Question Number : 83 Question Id : 2310983784 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

One-dimensional signal is a function of:

Options :

- ✘ multiple independent variables
- ✔ single independent variables
- ✘ multiple dependent variables
- ✘ single dependent variables

Question Number : 84 Question Id : 2310983785 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Two species competing for the same resources cannot coexist indefinitely. One of them has to either adapt or become extinct. This hypothesis is known as:

Options :

1. ✘ Maxwell's hypothesis
2. ✘ Jardin's hypothesis
3. ✔ Gause's hypothesis
4. ✘ Whittaker's hypothesis

Question Number : 85 Question Id : 2310983786 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Animals adapted to cold climates have shorter limbs and body appendages than animals adapted to warm climates. Who proposed this rule?

Options :

1. ✘ Valerius Geist
2. ✘ Richard Hesse
3. ✘ Carl Bergmann
4. ✔ Joel Asaph Allen

Question Number : 86 Question Id : 2310983787 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Who is known as the birdman of India?

Options :

1. ✘ Richard Meinertzhagen
2. ✔ Salim Moizuddin Abdul Ali
3. ✘ RC Morris
4. ✘ Norman Boyd Kinnear

Question Number : 87 Question Id : 2310983788 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Where is the Wildlife Institute of India situated?

Options :

1. ✘ Mussoorie
2. ✘ Haridwar
3. ✘ Bangalore
4. ✔ Dehradun

Question Number : 88 Question Id : 2310983789 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Which of the following is the first conservation reserve of India?

Options :

1. ✓ Tiruppadaimarathur Conservation Reserve
2. ✗ Asan Barrage Conservation Reserve
3. ✗ Jhilmil Conservation Reserve
4. ✗ Goga beel Conservation Reserve

Question Number : 89 Question Id : 2310983790 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Who coined the term niche?

Note: For this question, discrepancy is found in question/answer. So, this question is ignored for all candidates.

Options :

1. Ernest Warming
2. Joseph Grinnell
3. Joseph Young
4. Isidore Hilarie

Question Number : 90 Question Id : 2310983791 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Fire triangle consists of which of the following?

Options :

1. ✗ Biotic factor, ignition and temperature
2. ✗ Hazard, oxygen and biotic factor
3. ✗ Fuel, biotic factor and oxygen
4. ✓ Fuel, oxygen and temperature

Question Number : 91 Question Id : 2310983792 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Which of the following is also called the teak skeletoniser?

Options :

1. ✗ *Hyblaea puera*
2. ✗ *Mycosphaerella pini*
3. ✓ *Eutectona machaeralis*

4. ✖ *Plecoptera reflexa*

Question Number : 92 Question Id : 2310983793 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

In which of the following national parks is dancing deer found?

Options :

1. ✖ Dachigam National Park
2. ✔ Keibul Lamjao National Park
3. ✖ Manas National Park
4. ✖ Great Himalayan National Park

Question Number : 93 Question Id : 2310983794 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

What is the full form of CITES?

Options :

1. ✖ Conservation of International Trade in Endangered Species of Wild Fauna and Flora
2. ✔ Convention on International Trade in Endangered Species of Wild Fauna and Flora
3. ✖ Convention on International Trade in Extant Species of Wild Fauna and Flora
4. ✖ Conservation of International Trade in Extant Species of Wild Fauna and Flora

Question Number : 94 Question Id : 2310983795 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Pink disease in eucalyptus is caused by which of the following pathogens?

Options :

1. ✔ *Corticium salmonicolor*
2. ✖ *Erwinia amylovora*
3. ✖ *Agrobacterium tumefaciens*
4. ✖ *Botrytis cinerea*

Question Number : 95 Question Id : 2310983796 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Which of the following mammals does NOT belong to the order Carnivora?

Options :

1. ✖ Black bear
2. ✖ Stripped hyena

3. ✖ Smooth coated otter

4. ✔ Hangul

Question Number : 96 Question Id : 2310983797 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

What is an ortet?

Options :

1. ✖ A stem cutting

2. ✖ A root cutting

3. ✖ A group of genetically identical individuals derived from one progenitor

4. ✔ The original single parent plant from which a clone is ultimately derived

Question Number : 97 Question Id : 2310983798 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Who introduced the term 'genetics'?

Options :

1. ✖ Wilhelm Johannsen

2. ✔ William Bateson

3. ✖ Alfred Sturtevant

4. ✖ William thwart

Question Number : 98 Question Id : 2310983799 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Who proposed the theory of natural selection?

Options :

1. ✖ Carl Linnaeus

2. ✖ Regnier de Graaf

3. ✔ Charles Darwin

4. ✖ Eduard Strasburg

Question Number : 99 Question Id : 2310983800 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Who was credited with the rediscovery of Mendel's work?

Options :

1. ✖ Hugo de Vries, Ronald Fisher and Erich von Tschermak

- ✘ Hugo de Vries, Carl Correns and Ronald Fisher
- ✘ Ronald Fisher, Carl Correns and Erich von Tschermak
- ✔ Hugo de Vries, Carl Correns and Erich von Tschermak

Question Number : 100 Question Id : 2310983801 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Creeper condition in domestic fowl is due to:

Options :

- ✘ Mineral deficiency
- ✘ Vitamin deficiency
- ✔ Genetic disorder
- ✘ Pathogen attack

Question Number : 101 Question Id : 2310983802 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Any mutation that changes a codon into a codon that codes for a STOP signal (termination codon) is called:

Options :

- ✘ Mis-sense mutation
- ✘ Silent mutation
- ✔ Nonsense mutation
- ✘ Induced mutation

Question Number : 102 Question Id : 2310983803 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Goose stepping gait in pig is due to the deficiency of which of the following vitamins?

Options :

- ✔ B5
- ✘ B2
- ✘ B3
- ✘ B6

Question Number : 103 Question Id : 2310983804 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

In adult ruminants, what is the condition associated with low blood levels of magnesium?

Options :

1. ✓ Grass staggers
2. ✗ Slipped tendon
3. ✗ Surrah
4. ✗ Chondrodystrophy

Question Number : 104 Question Id : 2310983805 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

What is the VIVAR technique?

Options :

1. ✗ A method of determining phosphorus
2. ✗ A method of determining calcium
3. ✗ A method of determining crude protein
4. ✓ A method of determining digestibility

Question Number : 105 Question Id : 2310983806 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Which of the following is a cereal fodder?

Options :

1. ✗ *Pennisetum clandestinum*
2. ✗ *Phalaris tuberosa*
3. ✗ *Lolium multiflorum*
4. ✓ *Zea mays*

Question Number : 106 Question Id : 2310983807 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Which of the following is NOT a monogastric herbivore?

Options :

1. ✗ Horses
2. ✗ Rabbits
3. ✗ Hamsters
4. ✓ Goats

Question Number : 107 Question Id : 2310983808 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

The American buff, Chinese and Pilgrim are breeds of:

Options :

1. ✘ Emu
2. ✘ Turkey
3. ✘ Chicken
4. ✔ Goose

Question Number : 108 Question Id : 2310983809 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Antigens obtained after the disruption of the parasites are called:

Options :

1. ✘ Hidden antigens
2. ✘ Somatic antigens
3. ✘ Released antigens
4. ✔ Internal antigens

Question Number : 109 Question Id : 2310983810 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Culturing of fish in tanks or enclosures (fish ponds) to obtain fish products as a food source is called:

Options :

1. ✘ Olericulture
2. ✔ Pisciculture
3. ✔ Aquaculture
4. ✘ Apiculture

Note: For this question, ambiguity is found in question/answer. Candidate will get full marks for this question if any of the correct options are chosen.

Question Number : 110 Question Id : 2310983811 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

What is the chemical composition of snake venom?

Options :

1. ✘ Lipids
2. ✘ Carbohydrates
3. ✔ Proteins
4. ✘ Nucleic acids

Question Number : 111 Question Id : 2310983812 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No

Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Which of the following is a vector of Japanese encephalitis that infects human beings?

Options :

1. ✘ Aedes
2. ✘ Anopheles
3. ✔ Culex
4. ✘ Sandflies

Question Number : 112 Question Id : 2310983813 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No

Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Weed *Parthenium hysterophorus* can be killed using which of the following biotic agents?

Options :

1. ✘ *Dactylopius opuntiae*
2. ✔ *Zygomma bicolorata*
3. ✘ *Pareuchaetes pseudoinsulata*
4. ✘ *Cryptobagus singularis*

Question Number : 113 Question Id : 2310983814 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No

Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

The test that decides if in any sample, the observed frequencies are in agreement with the theoretical or expected frequencies is called:

Options :

1. ✔ Chi-square test
2. ✘ Student t-test
3. ✘ ANOVA
4. ✘ Z-test

Question Number : 114 Question Id : 2310983815 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No

Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

The difference between the highest and the lowest terms of a series of observations is called:

Options :

1. ✘ Absolute deviation
2. ✘ Mean deviation
3. ✔ Range
4. ✘ Standard deviations

Question Number : 115 Question Id : 2310983816 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0.33

If a frequency distribution is NOT symmetrical about the mean, then it is said to be:

Options :

1. ✘ Platykurtic
2. ✘ Kurtosis
3. ✔ Skewed
4. ✘ Leptokurtic

Question Number : 116 Question Id : 2310983817 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0.33

Where is the principal bench of the National Green Tribunal situated?

Options :

1. ✘ Pune
2. ✘ Bhopal
3. ✔ New Delhi
4. ✘ Kolkata

Question Number : 117 Question Id : 2310983818 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0.33

Which of the following litigations in the Honourable Supreme Court of India proved to be a landmark in forest conservation?

Options :

1. ✔ Godavarman Thirumulpad v Union of India
2. ✘ MC Mehta v Union of India
3. ✘ TC Mehta v Union of India
4. ✘ EC Richards v Forest Ranger Officer, Mettupalayam

Question Number : 118 Question Id : 2310983819 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical Correct Marks : 1 Wrong Marks : 0.33

Who approves the Tiger Conservation Plan in India?

Options :

1. ✔ NTCA
2. ✘ WII
3. ✘ IBWL
4. ✘ PCCF

Question Number : 119 Question Id : 2310983820 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

In which year was the National Agricultural Co-operative Marketing Federation (NAFED) established?

Options :

1. ✓ 1958
2. ✗ 1948
3. ✗ 1959
4. ✗ 1960

Question Number : 120 Question Id : 2310983821 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Which of the following is the latest National Working Plan Code?

Options :

1. ✗ 2012
2. ✓ 2014
3. ✗ 2011
4. ✗ 2009

Question Number : 121 Question Id : 2310983822 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

The sum (by number or volume) of all the trees growing in the forest, or a specified part of it, is called:

Options :

1. ✗ Stand
2. ✗ Increment
3. ✗ Yield table
4. ✓ Growing stock

Question Number : 122 Question Id : 2310983823 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Which of the following instruments is used for the measurement of the basal area of crops?

Options :

1. ✗ Abney's level
2. ✗ Haga altimeter
3. ✓ Spiegel relaskop

4. ❌ Topographical Abney's level

Question Number : 123 Question Id : 2310983824 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

A species chosen to raise support for biodiversity conservation in a given place or social context is known as:

Options :

1. ✔️ Flagship
2. ❌ Keystone
3. ❌ Umbrella
4. ❌ Pioneer

Question Number : 124 Question Id : 2310983825 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

According to ISFR (2019), what is the percentage of the total forest cover in India?

Options :

1. ❌ 25.32%
2. ✔️ 21.67%
3. ❌ 23.17%
4. ❌ 24.78%

Question Number : 125 Question Id : 2310983826 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Which of the following is a second-generation biofuel feedstock?

Options :

1. ❌ Sugarcane
2. ❌ Sugar beet
3. ❌ Corn
4. ✔️ Woodchips

Question Number : 126 Question Id : 2310983827 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Where is the headquarters of the CSIR-National Environmental Engineering Research Institute situated?

Options :

1. ❌ Indore

2. ✖ New Delhi
3. ✔ Nagpur
4. ✖ Chennai

Question Number : 127 Question Id : 2310983828 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

The term safe water releaser (SWAS) is associated with:

Options :

1. ✖ Fishing nets
2. ✖ Mangrove saline detectors
3. ✔ Green crackers
4. ✖ Marine pollution detectors

Question Number : 128 Question Id : 2310983829 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

The Niyamgiri movement against bauxite mining in Odisha is associated with which of the following tribes?

Options :

1. ✔ Dongria Kondh
2. ✖ Kols
3. ✖ Korkus
4. ✖ Gonds

Question Number : 129 Question Id : 2310983830 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

The Bonn Convention is associated with:

Options :

1. ✖ An international agreement that aims to conserve ground water
2. ✔ An international agreement that aims to conserve migratory species within their migratory ranges
3. ✖ An international agreement that aims to prevent oil spill
4. ✖ An international agreement for occupational hazards

Question Number : 130 Question Id : 2310983831 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

What is the name of Maharashtra's first Ramsar site?

Options :

1. ✘ Keshopur-Miani
2. ✔ Nandur Madhmeshwar
3. ✘ Nangal
4. ✘ Renukaji

Question Number : 131 Question Id : 2310983832 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Black lung disease is an occupational hazard associated with which of the following?

Options :

1. ✘ Fisheries
2. ✔ Coal mining
3. ✘ Lime stone quarrying
4. ✘ Medical laboratories

Question Number : 132 Question Id : 2310983833 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

In January 2020, the Supreme Court allowed the central government to bring which large cat to suitable wildlife habitat in India?

Options :

1. ✘ African lynx
2. ✘ African lion
3. ✔ African cheetah
4. ✘ African caracal

Question Number : 133 Question Id : 2310983834 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

The United Nations Conference on the Human Environment was held in which year?

Options :

1. ✘ 1971
2. ✔ 1972
3. ✘ 1981
4. ✘ 1982

Question Number : 134 Question Id : 2310983835 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

The Central Board for Prevention and Control of Water Pollution was constituted in which year?

Options :

1. ✓ 1974
2. ✗ 1986
3. ✗ 1981
4. ✗ 1972

Question Number : 135 Question Id : 2310983836 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Which of the following instruments is used to study viscous and elastic behaviour of asphalt binders at medium to high temperatures?

Options :

1. ✗ Roughometer
2. ✗ Falling weight deflectometer
3. ✗ Ultrasonic pulse echo test system
4. ✓ Dynamic shear rheometer

Question Number : 136 Question Id : 2310983837 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Where is the Central Road Research Institute situated?

Options :

1. ✗ Pune
2. ✓ New Delhi
3. ✗ Mumbai
4. ✗ Nagpur

Question Number : 137 Question Id : 2310983838 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

What is 'Capheal' with respect to binder's viscosity and asphalt heal?

Options :

1. ✗ Cement microcapsules
2. ✓ Sunflower oil microcapsules
3. ✗ Tar microcapsules
4. ✗ Grain microcapsules

Question Number : 138 Question Id : 2310983839 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No

Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

_____ is a device that employs radio-frequency identification (RFID) technology for making toll payments.

Options :

1. ✘ PMIS
2. ✘ MoRTH
3. ✔ FASTag
4. ✘ NETC

Question Number : 139 Question Id : 2310983840 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No

Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Which is India's first smart and green highway?

Options :

1. ✘ Western Peripheral Expressway
2. ✔ Eastern Peripheral Expressway
3. ✘ Northern Peripheral Expressway
4. ✘ Southern Peripheral Expressway

Question Number : 140 Question Id : 2310983841 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No

Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Who developed a process to build roads by recycling plastic waste in India?

Options :

1. ✔ Rajagopalan Vasudevan
2. ✘ Krishnamoorthy Namboodri
3. ✘ Gopikumar Menon
4. ✘ Krishnaswamy Moorthy

Question Number : 141 Question Id : 2310983842 Question Type : MCQ Option Shuffling : Yes

Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No

Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Project formulation does NOT involve which of the following steps?

Options :

1. ✘ Opportunity study
2. ✘ Prefeasibility study
3. ✘ Techno-economic feasibility study
4. ✔ Tactile slope study

Question Number : 142 Question Id : 2310983843 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

What is Return on Investment (ROI)?

Options :

1. ✘ The time required to recover the initial project investment out of the subsequent cash flow
2. ✘ The limit or the rate of discount at which the project's total present value of returns equals to total present value of investments
3. ✔ Annual return as a percentage of the initial investment
4. ✘ The sum of discounted values of the stream of investments in different years of project implementation

Question Number : 143 Question Id : 2310983844 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

What is meant by the term project crashing?

Options :

1. ✘ Integrated analysis of HR management and time
2. ✘ Collapse of a project before being implemented
3. ✘ Collapse of a project due improper HR management
4. ✔ Exercise carried out to reduce the time of a project by investing more money

Question Number : 144 Question Id : 2310983845 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

An event that gives rise to more than one activity is called:

Options :

1. ✘ mega event
2. ✘ merger event
3. ✔ burst event
4. ✘ critical activity

Question Number : 145 Question Id : 2310983846 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Which type of switching network involves the establishment of a dedicated path between two stations?

Options :

1. ✘ Message switching
2. ✘ Packet switching
3. ✔ Circuit switching
4. ✘ Manual switching

Question Number : 146 Question Id : 2310983847 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

In the Bartlett window, the triangular function resembles the tapering of the rectangular window sequence _____ from the middle to the ends.

Options :

1. ✓ Linearly
2. ✗ Elliptically
3. ✗ Hyperbolically
4. ✗ Parabolically

Question Number : 147 Question Id : 2310983848 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

The norm or length of a signal is given by:

Options :

1. ✗ The square of the energy of the signal
2. ✓ The square root of the energy of the signal
3. ✗ The inverse of the energy of the signal
4. ✗ The cube root of the energy of the signal

Question Number : 148 Question Id : 2310983849 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Which of the following types of injection lasers involves the use of geometry for fabrication of the multimode injection laser with a single or small number of lateral modes?

Options :

1. ✓ Gain guided laser
2. ✗ Index guided laser
3. ✗ Quantum well laser
4. ✗ Quantum dot laser

Question Number : 149 Question Id : 2310983850 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Which of the following characteristics of laser light specifies the precise movement of all individual light waves together through time and space?

Options :

1. ✗ Monochromatic

2. ✘ Directional
3. ✔ Coherent
4. ✘ Brightness

Question Number : 150 Question Id : 2310983851 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Is Question Mandatory : No Single Line Question Option : No Negative Marks Display Text : 1/3 Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0.33

Which block of the discrete time systems requires memory to store the previous input?

Options :

1. ✘ Adder
2. ✘ Signal multiplier
3. ✔ Unit delay
4. ✘ Unit advance