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CIL MT Environment Official
Previous Paper 29 Mar, 2025
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Section : General Awareness

Q.1 In which of the following years was Mission Coking Coal launched?

1. 2020
2. 2021
3. 2016
4. 2018

Chosen Option : 1

Q.2 Which Article of the Indian Constitution deals with the Right to Property after it was deleted from the list of fundamental rights?

1. Article 300A
2. Article 31
3. Article 19(f)
4. Article 12

Chosen Option : 3

Q.3 भारत सरकार द्वारा बच्चों में पढ़नेकी आदत विकसित करनेकेलिए सम शिक्षा केतहत एक पृथक वार्षिक

पुस्तकालय अनुदान का प्रावधान निम्नलिखित में सेकब कि या गया था?

1. 2019-20
2. 2018-19
3. 2020-21
4. 2017-18

Chosen Option : 2

Q.4 Which of the following Portuguese governors captured Goa in 1510, marking the beginning of Portuguese dominance in the Indian Ocean?

1. Vasco da Gama
2. Nino da Cunha
3. Afonso de Albuquerque
4. Francisco de Almeida

Chosen Option : 3

Q.5 Which of the following Central Universities was established in 2019?

1. Central University of Kerala
2. Central University of South Bihar
3. Central University of Andhra Pradesh



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4. Central University of Karnataka

Chosen Option : 3

Q.6 What was the revolutionary journal published by Madam Cama in Paris?

1. Hind Swaraj
2. The Indian Sociologist
3. Young India
4. Bande Mataram

Chosen Option : 3

Q.7 Which of the following statements correctly depicts the growth of the industrial sector in FY23 compared to FY22 in India?

1. Industry sector witnessed a growth of 4.3
2. Industry sector witnessed the same growth in both FY23 and FY22
3. Industry sector witnessed a growth of 10.1% in FY23
4. Industry sector witnessed lower growth in FY23 as compared to FY22

Chosen Option : 2

Q.8 2025 में, साहि य और शि क्षा केक्षे में प वि भूषण (मरणोपरांत) सेनि नलि खि त में सेकि सेसमानि त कि या गया?

1. एम.टी . वासुदेवन नायर
2. डॉ. राधाकृणन पि लई
3. डॉ. सुधा मूर्ति
4. डॉ. बि बेक देबराँय

Chosen Option : 1

Q.9 भारत का कछार क्षे _____ की खेती केलि ए सि है।

1. जीरा
2. केसर
3. चाय
4. कॉफी

Chosen Option : 4

Q.10 The tropical humid climate is hot and humid. The annual range of temperature is very low, and annual rainfall is _____.

1. low
2. high
3. normal



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4. very low

Chosen Option : 2

Q.11 What does the figure of 101.8 crore e-way bills raised in November 2024 signify?

1. Number of electronic permits issued for the movement of goods in November 2024
2. Total number of businesses registered under GST in November 2024
3. GST revenue collected in November 2024, reflecting the taxes on goods and services
4. Number of tax returns filed under GST up to November 2024

Chosen Option : 3

Q.12 In which year was Fundamental Duties included in the Indian Constitution through the 42nd Amendment?

1. 1972
2. 1976
3. 1971
4. 1970

Chosen Option : 2

Q.13 Which of the following memory types is non-volatile and can be electrically erased and reprogrammed?

1. Cache Memory
2. DRAM
3. EEPROM
4. SRAM

Chosen Option : 4

Q.14 Which of the following is inspired by the Soviet Constitution in the Indian Constitution?

1. Fundamental Duties
2. Directive Principles of State Policy
3. Fundamental Rights
4. Preamble

Chosen Option : 1



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Q.15 What is the installed capacity of Kudankulam Nuclear Power Station-1?

1. 240 MW
2. 540 MW
3. 1000 MW
4. 100 MW

Chosen Option : 2

Q.16 In which of the following years was the Indian Port Association constituted?

1. 1987
2. 1952
3. 1992
4. 1966

Chosen Option : 1

Q.17 As of December 2024, with which of the following countries does India have the longest international border?

1. Bangladesh
2. Nepal
3. China
4. Pakistan

Chosen Option : 1

Q.18 According to the Union Budget 2025-26, the turnover threshold for Micro Enterprises has been increased to:

1. ₹20 crore
2. ₹15 crore
3. ₹10 crore
4. ₹8 crore

Chosen Option : 3

Q.19 The third Meeting of States Parties to the Treaty on the Prohibition of Nuclear Weapons is scheduled to be held in which of the following cities from 3 to 7 March 2025?

1. New York
2. Vienna
3. Geneva



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4. Tokyo

Chosen Option : 2

Q.20 Which initiative, designed to revolutionise public service delivery and boost citizen engagement through generative AI in language, speech, and computer vision, was inaugurated in October 2024?

1. AI for India
2. SmartGov AI
3. BharatGen
4. Digital India AI

Chosen Option : 4

Q.21 On which river is the Indira Sagar Hydroelectric Power Project located?

1. Tapi
2. Son
3. Narmada
4. Damodar

Chosen Option : 4

Q.22 What is the primary role of registers within the CPU?

1. To store large amounts of data permanently
2. To hold data and instructions temporarily during processing
3. To manage communication with peripheral devices
4. To perform complex mathematical calculations

Chosen Option : 2

Q.23 During the winter season, the northeast trade winds prevail over the country. They blow from _____ and hence, for most part of the country, it is a dry season.

1. sea to land
2. land to sea
3. land to land
4. sea to sea

Chosen Option : 2

Q.24 Who among the following became the Chief Minister of Maharashtra in December 2024 after the Maharashtra Assembly elections held in November 2024?

1. Ashok Chavan
2. Uddhav Thackeray
3. Eknath Shinde
4. Devendra Fadnavis

Chosen Option : 4

Q.25 भारतीय इतिहास में तराइन के द्वितीय युद्ध का या महत्व था?

1. इसने महमूद गजनी की हार को चिह्नित किया।
2. इससे भारतीय राज्यों का एकीकरण आया।
3. इसने राजपूत विरोध को हमेशा के लिए समाप्त कर दिया।
4. इसने उरी भारत में तुर्की शासन की नींव रखी।

Section : Logical Reasoning

Q.26 Select the pair that follows the same pattern as that followed by the two pairs given below.

Both pairs follow the same pattern.

HLH-JNJ
AEA-CGC

1. MQM-OSO
2. MPK-NRN
3. MPK-OSO
4. MQM-NSN

Chosen Option : 1

Q.27 In the following number series, only one number is incorrect. Select the INCORRECT number. 109 135 161 177 213 239 265

1. 265
2. 177
3. 213
4. 239

Chosen Option : 2



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Q.28 R, E, M, I, N and S live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. Only four people live above I. Only S lives above M. N lives immediately above R. What is the sum of the floor numbers of E and N?

1. 5
2. 7
3. 4
4. 9

Chosen Option : 1

Q.29 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that group ?
(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)?

1. VX-BD
2. JL-OT
3. GI-MO
4. UW-AC

Chosen Option : 2

Q.30 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

CAC-FDF

OMO-RPR

1. TRT-VUV
2. TRT-WUW
3. TQR-WUW
4. TQR-VTV

Chosen Option : 2

Q.31 Eight people are sitting in two parallel rows, containing four people each, in such a way that there is equal distance between adjacent persons. In row 1 – R, S, T and U are seated and all of them are facing south. In row 2 – L, M, N and O are seated and all of them are facing north. Thus, each person faces another person from the other row. T sits third to the left of U. The person facing T is an immediate neighbour of O. L sits second to the left of O. The person facing M is an immediate neighbour of U. R sits to the immediate right of S. Which of the following represents both people sitting at extreme ends of the line?



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1. U, M
2. S, M
3. R, T
4. L, T

Chosen Option : 4

Q.32 Eight people are sitting in two parallel rows, containing four people each, in such a way that there is equal distance between adjacent persons.

In row 1 – A, B, C and D are seated and all of them are facing south.

In row 2 – L, M, N and O are seated and all of them are facing north.

Thus, each person faces another person from the other row.

Only two people sit between N and M. D sits to the immediate left of the person facing N. A sits to the immediate right of C. The person facing O sits to the immediate left of D. Who among the following sits to the opposite of D?

1. N
2. L
3. M
4. O

Chosen Option : 2

Q.33 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

KNR–UXB

NQU–XAE

1. VXA–EHL
2. VYC–EIL
3. VXA–FIM
4. VYC–FIM

Chosen Option : 4

Q.34 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

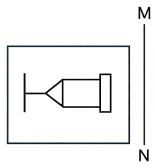


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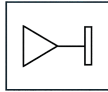
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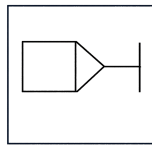
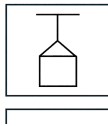
X 1.



X 2.



X 3.



Chosen Option : 4

Q.35 In this question, a statement is followed by two courses of actions, numbered I and II. You must assume everything in the statement to be true and on the basis of the information given in the statement, decide which of the courses of action logically follow(s) for pursuing.

Statement: Company A conclusively found that there is a severe dysfunction in one of the components used in their smartphones which potentially causes sudden inflammation of the phone.

Courses of Action:

(I) Company A should classify the findings of such dysfunctional components as it affects the company's stock price.

(II) Company A should immediately recall the defect batch and adequately compensate its customers.

1. Neither I nor II follows
2. Only I follows
3. Both I and II follow
4. Only II follows

Chosen Option : 3

Q.36 If 21 January 1998 is a Wednesday, then what will be the day of the week on 31 December 2000?

1. Friday
2. Sunday
3. Saturday
4. Wednesday

Chosen Option : 1

Q.37 In the following number series, only one number is incorrect. Select the INCORRECT number. 56 60 66 70 84 96 110 126

1. 66
2. 60
3. 70
4. 84

Chosen Option : 4

Q.38 एक निश्चित कूट में, 'time wait none' को 'li mo zo' केप में कूटब कि या गया है, 'tide wait some' को 'mo gy pu' और 'time and tide' को 'gy zo bh' केप में कूटब कि या गया है। 'eternal none' केलि ए संभावित कूट या है? (नोट: सभी कूट केवल दो अर वालेकूट हैं।)

1. gy li
2. kz li
3. pu gy
4. zo li

Chosen Option : 2

Q.39 In the following series, only one letter-cluster is incorrect. Select the INCORRECT letter-cluster.

DAC ZWY VTW ROQ NKM

1. ZWY
2. VTW
3. NKM
4. ROQ

Chosen Option : 2

Q.40 दि ए गए कथनों और नि कर्षों को यान सेपढ़ि ए। यह मानतेए कि कथनों में दी गई जानकारी सय है, भलेही वह सामाय प सेजात तयों सेभि तीत होती हो, तय की जि ए कि दि ए गए नि कर्षों में सेकौन-सेनि कर्ष, कथनों का तार्कि क प सेअनुसरण करतेहैं।हैं

कथन: सभी फ़ि रोज़ी, बेज हैं। हैं सभी बेज, गुलाबी हैं। हैं कुछ गुलाबी, मैन हैं। हैं नि कर्ष:

(I) सभी बेज, मैन हैं। हैं

(II) कुछ गुलाबी, फ़ि रोज़ी हैं। हैं

1. नि कर्ष (I) और (II) दोनों अनुसरण करते हैं
2. केवल नि कर्ष (I) अनुसरण करता है
3. न तो नि कर्ष (I) और न ही (II) अनुसरण करता है
4. केवल नि कर्ष (II) अनुसरण करता है

Chosen Option : 3

Q.41 एक नि शिचत कूट में, 'tenant pays rent' को 'mh si pa' केप में कूटब कि या गया है, 'owner receive rent' को 'zy pa cu' केप में कूटब कि या गया है, और 'owner pays tax' को 'si zy ke' केप में कूटब कि या गया है। 'tenant owner' केलि ए संभावि त कूट या है? (नोट: सभी कूट केवल दो अर वाले कूट हैं। हैं)

1. si ke
2. zy si
3. pa cu
4. zy mh

Chosen Option : 4

Q.42 In the following series, only one letter-cluster is incorrect. Select the INCORRECT letter-cluster. PLP MIM JFJ GCG CYF

1. GCG
2. CYF
3. MIM
4. JFJ

Chosen Option : 2

Q.43 Tara starts from Point C and walks 23 m towards the south. She takes a left turn, walks 10 m and then takes a left turn, walks 17 m, reaches Point D and stops. Bruce starts from Point P, which is 15 m from the east of Point D. He walks 6 m towards the north, takes a left turn, walks 16 m and stops at Point Q. What is the shortest distance between Point Q and Point C? (All turns are 90-degree turns only)

1. 7 m
2. 11 m
3. 16 m
4. 9 m

Chosen Option : 4

Q.44 S, O, R, B, E and T live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and



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so on, till the topmost floor is numbered 6. Only two people live above B. Only E lives between S and O. R lives immediately above T. S lives at one of the positions below R. Who lives on floor number 5?

1. S
2. T
3. O
4. R

Chosen Option : 2

Q.45 F, E, R, P, Q and L live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. Only R lives above L. Only E lives below P. How many people live between P and L?

1. None
2. One
3. Two
4. Four

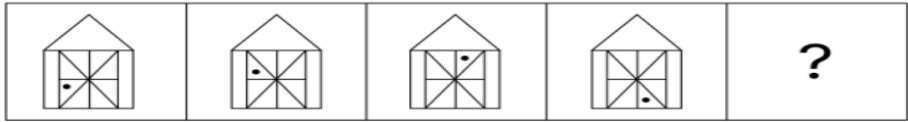
Chosen Option : 3

Q.46 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which letter-cluster pair DOES NOT belong to that Group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

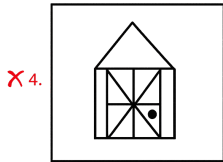
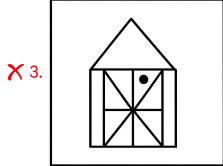
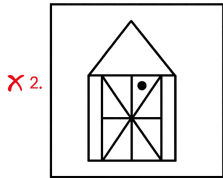
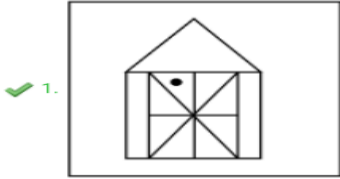
1. HG-ED
2. QP-NM
3. NM-KJ
4. SR-OQ

Chosen Option : 4

Q.47 Identify the figure given in the options which when put in place of the question mark (?) will logically complete the series.



Ans



Chosen Option : 1

Q.48 In a certain code language,
P + Q means 'P is the son of Q',
P & Q means 'P is the husband of Q',
P % Q means 'P is the mother of Q',
and P # Q means 'P is the sister of Q'.

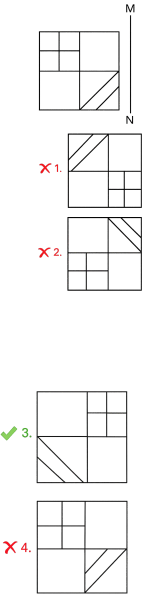
Which of the following mean(s) that F is the father of T?

- (I): R % F & S % N & T
- (II): R % F & S % N # T
- (III): R # F & S % N # T
- (IV): R % F + S # N # T

- 1. Only I
- 2. Both I and III
- 3. Only III
- 4. Both II and III

Chosen Option : 4

Q.49 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



Chosen Option : 3

Q.50 In a certain code language,
P + Q means 'P is the son of Q',
P & Q means 'P is the husband of Q',
P % Q means 'P is the mother of Q',
and P # Q means 'P is the sister of Q'.

Which of the following mean(s) that F is the father-in-law of M?

- (I): F & T % S # U & M
- (II): F # T % S # U & M
- (III): F & T % S # U % M
- (IV): F & T # S # U % M

- 1. Both II and III
- 2. Only I
- 3. Both I and II
- 4. Only III

Section : Quantitative Aptitude

Q.51 Ramu and Somu started a business initially with ₹1,300 and ₹2,200, respectively. If the total profit at the end of year is ₹7,350, then what is the Ramu's share in the profit?

1. ₹2,710
2. ₹2,720
3. ₹2,700
4. ₹2,730

Chosen Option : 4

Q.52 A person sold two flats for ₹45,00,000 each. On one flat, he gained 15%, while on the other, he lost 15%. Find his gain or loss in the transaction.

1. Gain of 22.5%
2. Loss of 2.25%
3. Loss of 22.5%
4. Gain of 2.25%

Chosen Option : 2

Q.53

Consumption (units)	20	25	30	35	40
Number of customers	4	4	7	3	2

1. 26.25
2. 30.50
3. 25.60
4. 28.75

Chosen Option : 4

Q.54 Rohit travels from point A to point B at the speed of 16 km/hr and reaches point B at 3 p.m. He will reach point B at 2 p.m. if he travels at an average speed of 20 km/hr. At what average speed (in km/hr) should Rohit travel to reach point B at 1 p.m.?

1. $26\frac{2}{3}$
2. 22
3. 18
4. 40

Chosen Option : 1

Q.55

$$\frac{1}{2}, \frac{4}{5}, \frac{7}{12}, \frac{4}{3}, \frac{5}{6}, \frac{6}{7}, \frac{2}{3}$$

- Ans
- 1. $\frac{5}{6}$
 - 2. $\frac{4}{5}$
 - 3. $\frac{6}{7}$
 - 4. $\frac{2}{3}$

Chosen Option : 2

Q.56 A dealer marked the price of an item 40% above the cost price. He then gave successive discounts of 20% and 25% to a particular customer, resulting in a loss of ₹720. At what price did he sell the item to the customer?

- 1. ₹3,750
- 2. ₹3,760
- 3. ₹3,780
- 4. ₹3,770

Chosen Option : 3

Q.57 Two dice are thrown together. Find the probability that the sum of the points shown on the faces is divisible by 7 or 9.

- 1. $\frac{7}{18}$
- 2. $\frac{1}{18}$
- 3. $\frac{5}{18}$
- 4. $\frac{3}{18}$

Chosen Option : 2

Q.58 A medical store owner purchased medicines worth ₹6,200 from a company. He sold one-third of the medicines at 33% loss. At what gain should he sell the rest of the medicines, so that he has neither gain nor loss?

- 1. 15.6%
- 2. 17.7%
- 3. 16.5%
- 4. 14.4%

Chosen Option : 3



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Q.59 A person jogs at three times the speed of walking and runs at twice the speed of jogging. From his home to his office, he covers one-third of the distance by walking and the rest by jogging. On his way back home from office, he covers half the distance by jogging and the rest by running. The distance from his home to his office is 10 km, and he walks at a speed of 5 km/hr. Find his average speed (in km/hr) for the complete round trip (up to two decimal places).

1. 11.50
2. 10.57
3. 10.65
4. 12.41

Chosen Option : 4

Q.60 If the number $481*865$ is completely divisible by 9, then the smallest whole number in place of * will be:

- Ans 1. 2
2. 4
 3. 1
 4. 3

Chosen Option : 2

Q.61 The salary of a person was reduced by 40%. By what percentage should the reduced salary be raised so as to bring it at par with his original salary?

1. $60\frac{1}{2}\%$

2. $6\frac{1}{2}\%$

3. $66\frac{2}{3}\%$

4. $64\frac{2}{3}\%$

Chosen Option : 3

Q.62 What is the surface area of a sphere with a radius of $14\sqrt{5}$ cm (use $\pi = \frac{22}{7}$)?

1. 12320 cm²
2. 12440 cm²
3. 12140 cm²
4. 12260 cm²

Chosen Option : 1

Q.63 P, Q and R are three batsmen. The ratio of runs scored by them in a certain match was $P : Q = 5 : 4$ and $Q : R = 1 : 2$. By the end of the match, they scored 884 runs. Find the number of runs scored by P.

1. 260
2. 250
3. 280
4. 220

Chosen Option : 1

Q.64 Two pipes A and B can fill a tank in 10 and 12 hours, respectively, and a third pipe C can empty it in 4 hours. If the three pipes are opened at 6 a.m., 7 a.m. and 9 a.m., respectively, find the time at which the tank is emptied.

1. 12:20 p.m.
2. 4 p.m.
3. 12:15 p.m.
4. 10:20 a.m.

Chosen Option : 2

Q.65 A hall has 14 gates. In how many ways, can a man enter the hall through one gate and come out through a different gate?

1. 183
2. 180
3. 182
4. 181

Chosen Option : 3

Q.66 300 grams of sugar solution has 40% of sugar in it. How much sugar should be added to make it 55% in the solution?

1. 70 grams
2. 60 grams
3. 100 grams

4. 80 grams

Question ID : 6306801401220

Chosen Option : 3

Q.67 आप मि ठाई खरीदनेजातेहैं और एक बेकरी में 17 अलग-अलग कपकेक, 25 अलग-अलग डोनट, 48 अलग-अलग कुकी ज़, 19 अलग-अलग ब्रेडब्रे , 36 अलग-अलग चॉकलेट और 33 अलग-अलग मफिन उपलब्ध हैं। यदि आपको कोई वादि व्यंजन चुनना है, तो आप कि तनी अलग-अलग मि ठाइयों में सेइसेचुन सकतेहैं?

1. 178
2. 198
3. 188
4. 168

Chosen Option : 1

Q.68 A completes one-third of a work in 5 days. With the help of B, he completes the remaining work in 6 days. If A and B work together, in how many days will they complete the same piece of work?

1. 8
2. 12
3. 10
4. 9

Chosen Option : 4

Q.69

The value of $\frac{(0.867)^3 - (0.321)^3}{(0.867)^2 + 0.867 \times 0.321 + (0.321)^2}$ is:

1. 0.234
2. 0.467
3. 0.326
4. 0.546

Chosen Option : 4

Q.70 The altitude drawn to the base of an isosceles triangle is 12 cm and the perimeter is 36 cm. Find the area (in cm²) of the triangle.

1. 60
2. 50
3. 80
4. 40

Chosen Option : 1

Q.71 Find the average of 308, 135, 94, 45, 102 and 99.

1. 130.5
2. 150.3
3. 140.4
4. 120.6

Chosen Option : 1

Q.72

$$3 + \frac{1}{2} + \frac{1}{4} + \frac{1}{14} + \frac{2}{28}$$

✗ 1. $2\frac{23}{28}$

✗ 2. $5\frac{28}{23}$

✓ 3. $3\frac{25}{28}$

✗ 4. $4\frac{25}{23}$

Chosen Option : 3

Q.73 Find the simple interest on ₹247 for 5 years at 6% per annum.

1. ₹74.10
2. ₹72.30
3. ₹71.40
4. ₹70.50

Chosen Option : 1

Q.74

✓ 1. $85\frac{115}{121}\%$

✗ 2. $83\frac{111}{121}\%$

✗ 3. $87\frac{117}{112}\%$

✗ 4. $81\frac{113}{112}\%$

Chosen Option : 1

Q.75 What will be the compound interest on a sum of ₹6,455 after 2 years at the rate of 20% per annum?

1. ₹2,840.20
2. ₹2,260.40
3. ₹2,440.50
4. ₹2,060.60

Section : General English

76 Select the most appropriate ANTONYM of the underlined word in the given sentence. The deserted streets brought about a morose feeling into our minds.

1. happy
2. sympathetic
3. diseased
4. halting

Chosen Option : 2

Q.77 Select the most appropriate question tag to fill in the blank.

He has not been here before, _____?

1. does he
2. had he
3. did he
4. has he

Chosen Option : 4

Q.78 Select the most appropriate idiom that can substitute the underlined segment in the given sentence. Despite being criticised by everyone, Tom stood his ground and defended his decision.



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1. a bitter pill to swallow
2. a bone of contention
3. a storm in a teacup
4. a piece of cake

Chosen Option : 2

Q.79 Select the most appropriate question tag to fill in the blank.

You have not been here before, _____?

1. will you
2. would you
3. had you
4. have you

Chosen Option : 4

Q.80 Select the option that rectifies the INCORRECTLY spelt word in the given sentence. The philanthropist's benvolence and magnanimity contributed to the establishment of a philanthropic foundation dedicated to alleviating poverty.

1. benevolence
2. philanthropist's
3. alleviating
4. magnanimity

Chosen Option : 4

Q.81 Choose the word which is closest in meaning to the underlined word in the given sentence. Bengaluru has a salubrious climate to live in.

1. healthful
2. luxurious
3. hectic
4. unpredictable

Chosen Option : 4

Q.82 Select the most appropriate option to fill in the blank.

Her _____ manner of speaking made it difficult for people to understand her true feelings.

1. forthright
2. effusive
3. candid
4. ambiguous

Chosen Option : 4



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Q.83 Select the option that can be used as a one-word substitute for the given group of words. The main character in a literary work who faces conflict and drives the story

1. Narrator
2. Antagonist
3. Protagonist
4. Confidant

Chosen Option : 2

Q.84 Select the most appropriate ANTONYM of the underlined word in the given sentence. What a deceitful man; I am happy that he is behind the bars now.

1. fortunate
2. tasteful
3. diseased
4. honest

Chosen Option : 3

Q.85 Select the INCORRECTLY spelt word in the following sentence.

While the historic building required significant maintenance to accommodate modern needs, its perceived gorgeousness remained a source of civic pride.

1. maintenance
2. perceive
3. gorgeous
4. accommodate

Chosen Option : 1

Q.86 Select the most appropriate question tag to fill in the blank.

She isn't your sister, _____?

1. did she
2. is she
3. will she
4. can she

Chosen Option : 2

Q.87 Sentences of a paragraph are given below in jumbled order. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

The results showed a significant improvement in students' academic performance. The study aimed to evaluate the impact of digital learning tools on education. Researchers conducted a year-long study involving over 500 students. These findings suggest that integrating technology in classrooms can be beneficial.



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1. 2, 4, 3, 1
2. 3, 1, 2, 4
3. 2, 3, 1, 4
4. 1, 4, 3, 2

Chosen Option : 1

Q.88 Select the most appropriate question tag to fill in the blank.

The weather is not nice today, _____?

1. do it
2. is it
3. was it
4. did it

Chosen Option : 2

Q.89 Select the most appropriate question tag to fill in the blank.

You are not coming to the party, _____?

- Ans 1. will you
2. do you
 3. did you
 4. are you

Chosen Option : 4

Q.90 Sentences of a paragraph are given below. While the first and the last sentences (S1 and S6) are in the correct order, the sentences in between are jumbled up. Arrange the sentences in the correct order to form a meaningful and coherent paragraph.

S1. Machinery is like a snake-hole which may contain from one to a hundred snakes.

A. Honest physicians will tell you that where means of artificial locomotion have increased, the

health of the people has suffered.

B. Where there is machinery, there are large cities.

C. English villages do not boast of any of these things.

D. Where there are large cities, there are cars, buses, and electric lights.

S6. I cannot recall a single good point in connection with machinery.

1. BDAC
2. BDCA
3. ABCD
4. ACBD

Chosen Option : 2



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Comprehension:

Read the given passage and answer the questions that follow. Critical appreciation is central to literary analysis, encouraging readers to explore the layers of meaning, symbolism and themes in a text. It involves a detailed examination of elements such as structure, language, characters and themes to understand the author's intentions and Messages. Analysing a work's structure reveals how its narrative organisation enhances its impact. For instance, the fragmented structure of William Faulkner's *The Sound and the Fury* mirrors the disjointed consciousness of its characters, offering insights into human psychology and complexity. Language analysis focuses on how diction, syntax, imagery and figurative language convey ideas and evoke emotions. In Virginia Woolf's *Mrs. Dalloway*, the stream-of-consciousness style immerses readers in characters' inner thoughts, providing an intimate perspective of their Experiences. Character analysis is pivotal, as characters embody the themes and messages of a text. By examining their motivations and relationships, readers uncover the underlying conflicts and dilemmas driving the narrative. For example, Fyodor Dostoevsky's *Raskolnikov* in *Crime and Punishment* wrestles with guilt and morality, prompting reflection on justice and redemption. Themes and motifs offer insights into the author's worldview and social commentary. Identifying recurring themes deepens understanding of the text's messages. George Orwell's *1984* critiques totalitarianism, warning against the loss of individual freedoms. In conclusion, critical appreciation demands a discerning approach, enabling readers to analyse and interpret a text's complexities. By exploring its structure, language, characters and themes, readers can appreciate the artistry and depth of the author's work.

SubQuestion No : 91

Q.91 What is the central theme of the passage?

Ans 1. The process of analysing, evaluating and interpreting literary works

2. The historical context of famous literary works

3. The impact of technology on modern literature

4. The importance of literary criticism in academic settings

Chosen Option : 3

Comprehension:

Read the given passage and answer the questions that follow. Critical appreciation is central to literary analysis, encouraging readers to explore the layers of meaning, symbolism and themes in a text. It involves a detailed examination of elements such as structure, language, characters and themes to understand the author's intentions and messages. Analysing a work's structure reveals how its narrative organisation enhances its impact. For

instance, the fragmented structure of William Faulkner's *The Sound and the Fury* mirrors the disjointed consciousness of its characters, offering insights into human psychology and complexity. Language analysis focuses on how diction, syntax, imagery and figurative language convey ideas and evoke emotions. In Virginia Woolf's *Mrs. Dalloway*, the stream-of-consciousness style immerses readers in characters' inner thoughts, providing an intimate perspective of their Experiences. Character analysis is pivotal, as characters embody the themes and messages of a text. By examining their motivations and relationships, readers uncover the underlying conflicts and dilemmas driving the narrative. For example, Fyodor Dostoevsky's Raskolnikov in *Crime and Punishment* wrestles with guilt and morality, prompting reflection on justice and redemption. Themes and motifs offer insights into the author's worldview and social commentary. Identifying recurring themes deepens understanding of the text's messages. George Orwell's 1984 critiques totalitarianism, warning against the loss of individual freedoms.

In conclusion, critical appreciation demands a discerning approach, enabling readers to analyse and interpret a text's complexities. By exploring its structure, language, characters and themes, readers can appreciate the artistry and depth of the author's work.

SubQuestion No : 92

Q.92 What inference can be drawn from the passage?

1. Literary analysis is a straightforward and easy process.
2. The process of critical appreciation involves analysing various elements of literary works.
3. Technology has made literary criticism obsolete.
4. Critical appreciation helps readers understand the historical context of literary works.

Chosen Option : 4

Comprehension:

Read the given passage and answer the questions that follow. Critical appreciation is central to literary analysis, encouraging readers to explore the layers of meaning, symbolism and themes in a text. It involves a detailed examination of elements such as structure, language, characters and themes to understand the author's intentions and messages. Analysing a work's structure reveals how its narrative organisation enhances its impact. For instance, the fragmented structure of William Faulkner's *The Sound and the Fury* mirrors the disjointed consciousness of its characters, offering insights into human psychology and complexity. Language analysis focuses on how diction, syntax, imagery and figurative language convey ideas and evoke emotions. In

Virginia Woolf's *Mrs. Dalloway*, the stream-of-consciousness style immerses readers in characters' inner thoughts, providing an intimate perspective of their experiences. Character analysis is pivotal, as characters embody the themes and messages of a text. By examining their motivations and relationships, readers uncover the underlying conflicts and dilemmas driving the narrative. For example, Fyodor Dostoevsky's *Raskolnikov* in *Crime and Punishment* wrestles with guilt and morality, prompting reflection on justice and redemption. Themes and motifs offer insights into the author's worldview and social commentary. Identifying recurring themes deepens understanding of the text's messages. George Orwell's 1984 critiques totalitarianism, warning against the loss of individual freedoms.

In conclusion, critical appreciation demands a discerning approach, enabling readers to analyse and interpret a text's complexities. By exploring its structure, language, characters and themes, readers can appreciate the artistry and depth of the author's work.

SubQuestion No : 93

Q.93 What is the most appropriate connection to real-life situations based on the passage?

1. Technology has replaced the need for critical appreciation in modern society.
2. Understanding literary criticism enhances communication skills and critical thinking abilities.
3. The process of literary analysis is irrelevant in everyday life.
4. Historical context has no impact on the interpretation of literary works in contemporary times.

Chosen Option : 2

Comprehension:

Read the given passage and answer the questions that follow.

Critical appreciation is central to literary analysis, encouraging readers to explore the layers of meaning, symbolism and themes in a text. It involves a detailed examination of elements such as structure, language, characters and themes to understand the author's intentions and messages. Analysing a work's structure reveals how its narrative organisation enhances its impact. For instance, the fragmented structure of William Faulkner's *The Sound and the Fury* mirrors the disjointed consciousness of its characters, offering insights into human psychology and complexity. Language analysis focuses on how diction, syntax, imagery and figurative language convey ideas and evoke emotions. In Virginia Woolf's *Mrs. Dalloway*, the stream-of-consciousness style immerses readers in characters' inner thoughts, providing an intimate perspective of their experiences. Character analysis is pivotal, as characters embody the themes and messages of a text. By examining their motivations and relationships,



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readers uncover the underlying conflicts and dilemmas driving the narrative. For example, Fyodor Dostoevsky's Raskolnikov in Crime and Punishment wrestles with guilt and morality, prompting reflection on justice and redemption. Themes and motifs offer insights into the author's worldview and social commentary. Identifying recurring themes deepens understanding of the text's messages. George Orwell's 1984 critiques totalitarianism, warning against the loss of individual freedoms.

In conclusion, critical appreciation demands a discerning approach, enabling readers to analyse and interpret a text's complexities. By exploring its structure, language, characters and themes, readers can appreciate the artistry and depth of the author's work.

SubQuestion No : 94

Q.94 Which of the following statements represents a fact given in the passage?

1. Historical context has little relevance in the analysis of literary works.
2. The central theme of the passage is the impact of technology on modern literature.
3. The process of critical appreciation involves examining the structure, language, characters and themes of literary works.
4. Literary criticism is primarily concerned with personal opinions rather than objective analysis.

Chosen Option : 3

Comprehension:

Read the given passage and answer the questions that follow.

Critical appreciation is central to literary analysis, encouraging readers to explore the layers of meaning, symbolism and themes in a text. It involves a detailed examination of elements such as structure, language, characters and themes to understand the author's intentions and messages. Analysing a work's structure reveals how its narrative organisation enhances its impact. For instance, the fragmented structure of William Faulkner's *The Sound and the Fury* mirrors the disjointed consciousness of its characters, offering insights into human psychology and complexity. Language analysis focuses on how diction, syntax, imagery and figurative language convey ideas and evoke emotions. In Virginia Woolf's *Mrs. Dalloway*, the stream-of-consciousness style immerses readers in characters' inner thoughts, providing an intimate perspective of their experiences. Character analysis is pivotal, as characters embody the themes and messages of a text. By examining their motivations and relationships, readers uncover the underlying conflicts and dilemmas driving the narrative.



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For example, Fyodor Dostoevsky's Raskolnikov in Crime and Punishment wrestles with guilt and morality, prompting reflection on justice and redemption. Themes and motifs offer insights into the author's worldview and social commentary. Identifying recurring themes deepens understanding of the text's messages. George Orwell's 1984 critiques totalitarianism, warning against the loss of individual freedoms.

In conclusion, critical appreciation demands a discerning approach, enabling readers to analyse and interpret a text's complexities. By exploring its structure, language, characters and themes, readers can appreciate the artistry and depth of the author's work.

SubQuestion No : 95

Q.95 What is the structure of the passage?

1. Explanation of critical appreciation process, examples of its application, conclusion
2. Description of the benefits of literary analysis, examples of literary works, conclusion
3. Historical narrative of famous literary movements, analysis of literary devices, reflection on personal experiences
4. Introduction, comparison of literary genres, conclusion

Chosen Option : 3

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Assimilating artificial intelligence (AI) into a variety of sectors has become increasingly ____1____ in the swiftly evolving technological landscape of today. AI innovations in healthcare improve diagnostics, streamline administration and personalise patient care through advanced technologies. Nevertheless, the integration of AI in healthcare presents ethical and practical concerns, such as the potential for bias in AI algorithms, which can result in ____2____ in treatment outcomes, particularly for underrepresented populations. Implementing AI requires significant investment, challenging resource-limited healthcare facilities. Despite these challenges, the advantages of AI in enhancing the efficacy and effectiveness of healthcare are ____3____. Policymakers, healthcare professionals and technologists must work together to establish ethical standards and best practices to guarantee AI's responsible and ____4____ use. Balancing innovation with ethical considerations and ____5____ remains essential for the successful assimilation of AI into healthcare.

SubQuestion No : 96



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Q.96 Select the most appropriate option to fill in blank number 3.

1. undeniable
2. negligible
3. questionable
4. minimal

Chosen Option : 1

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Assimilating artificial intelligence (AI) into a variety of sectors has become increasingly ____1____ in the swiftly evolving technological landscape of today. AI innovations in healthcare improve diagnostics, streamline administration and personalise patient care through advanced technologies. Nevertheless, the integration of AI in healthcare presents ethical and practical concerns, such as the potential for bias in AI algorithms, which can result in ____2____ in treatment outcomes, particularly for underrepresented populations. Implementing AI requires significant investment, challenging resource-limited healthcare facilities. Despite these challenges, the advantages of AI in enhancing the efficacy and effectiveness of healthcare are ____3____. Policymakers, healthcare professionals and technologists must work together to establish ethical standards and best practices to guarantee AI's responsible and ____4____ use. Balancing innovation with ethical considerations and ____5____ remains essential for the successful assimilation of AI into healthcare.

SubQuestion No : 97

Q.97 Select the most appropriate option to fill in blank number 4.

1. haphazard
2. negligent
3. careless
4. equitable

Chosen Option : 1

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Assimilating artificial intelligence (AI) into a variety of sectors has become increasingly ____1____ in the swiftly evolving technological landscape of today. AI innovations in healthcare improve diagnostics, streamline



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administration and personalise patient care through advanced technologies. Nevertheless, the integration of AI in healthcare presents ethical and practical concerns, such as the potential for bias in AI algorithms, which can result in ____2____ in treatment outcomes, particularly for underrepresented populations. Implementing AI requires significant investment, challenging resource-limited healthcare facilities. Despite these challenges, the advantages of AI in enhancing the efficacy and effectiveness of healthcare are ____3____. Policymakers, healthcare professionals and technologists must work together to establish ethical standards and best practices to guarantee AI's responsible and ____4____ use. Balancing innovation with ethical considerations and ____5____ remains essential for the successful assimilation of AI into healthcare.

SubQuestion No : 98

Q.98 Select the most appropriate option to fill in blank number 1.

1. prevalent
2. obsolete
3. redundant
4. ineffective

Chosen Option : 3

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Assimilating artificial intelligence (AI) into a variety of sectors has become increasingly ____1____ in the swiftly evolving technological landscape of today. AI innovations in healthcare improve diagnostics, streamline administration and personalise patient care through advanced technologies. Nevertheless, the integration of AI in healthcare presents ethical and practical concerns, such as the potential for bias in AI algorithms, which can result in ____2____ in treatment outcomes, particularly for underrepresented populations. Implementing AI requires significant investment, challenging resource-limited healthcare facilities. Despite these challenges, the advantages of AI in enhancing the efficacy and effectiveness of healthcare are ____3____. Policymakers, healthcare professionals and technologists must work together to establish ethical standards and best practices to guarantee AI's responsible and ____4____ use. Balancing innovation with ethical considerations and ____5____ remains essential for the successful assimilation of AI into healthcare.



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SubQuestion No : 99

Q.99 Select the most appropriate option to fill in blank number 2.

1. equality
2. uniformity
3. improvements
4. disparities

Chosen Option : 3

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Assimilating artificial intelligence (AI) into a variety of sectors has become increasingly ____1____ in the swiftly evolving technological landscape of today. AI innovations in healthcare improve diagnostics, streamline administration and personalise patient care through advanced technologies. Nevertheless, the integration of AI in healthcare presents ethical and practical concerns, such as the potential for bias in AI algorithms, which can result in ____2____ in treatment outcomes, particularly for underrepresented populations. Implementing AI requires significant investment, challenging resource-limited healthcare facilities. Despite these challenges, the advantages of AI in enhancing the efficiency and effectiveness of healthcare are ____3____. Policymakers, healthcare professionals and technologists must work together to establish ethical standards and best practices to guarantee AI's responsible and ____4____ use. Balancing innovation with ethical considerations and ____5____ remains essential for the successful assimilation of AI into healthcare.

SubQuestion No : 100

Q.100

Select the most appropriate option to fill in blank number 5.

1. exclusivity
2. inclusivity
3. inequity
4. Apathy

Section : Domain Knowledge

Q.101 According to the Environment (Protection) Rules, 1986, what is the permissible limit of total suspended solids for effluent discharge into inland surface water?



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1. 10 mg/l
2. 100 mg/l
3. 1 mg/l
4. 700 mg/l

Chosen Option : 2

Q.102

What is the most effective GIS application for monitoring deforestation in India?

1. Fiscal impact assessment
2. Environmental impact assessment
3. Fleet assessment
4. Land cover mapping

Chosen Option : 4

Q.103 In which year was the 'World Wildlife Fund', the leading organisation in wildlife conservation and endangered species, established?

1. 1968
2. 1961
3. 1975
4. 1983

Chosen Option : 4

Q.104 In which of the following conditions will gross and net calorific values of the given fuel be the same?

1. When hydrogen content is zero
2. When carbon content is equal to hydrogen content
3. When ash content is zero
4. When there's 50% volatile matter

Chosen Option : 2

Q.105 Which of the following bins are commonly used for collecting organic waste in urban areas?

1. Blue bins
2. Red bins
3. Green bins
4. Yellow bins

Chosen Option : 3

Q.106 In which of the following years were the Indian Forest Act and the Forest (Conservation) Act established?

1. 1820 and 1947, respectively



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2. 1927 and 1980, respectively
3. 1825 and 1949, respectively
4. 1947 and 1971, respectively

Chosen Option : 2

Q.107

What is the principle used in a chemiluminescence detector for measuring nitrogen dioxide?

1. Emission of light during a chemical reaction
2. Adsorption onto a solid surface
3. Absorption of ultraviolet radiation
4. Change in electrical resistance of a sensor

Chosen Option : 1

Q.108 All of the following are the effects of increased eutrophication EXCEPT:

1. increase in turbidity
2. decrease in rate of sedimentation
3. possibility of anoxic conditions developing
4. decrease in species diversity

Chosen Option : 4

Q.109 What is the primary environmental concern associated with excessive nitrates and phosphates in water bodies?

1. Eutrophication, leading to algal blooms and oxygen depletion
2. Increased water clarity and improved oxygen levels
3. Reduction in water temperature, promoting aquatic biodiversity
4. Enhanced growth of beneficial aquatic plants without adverse effects

Chosen Option : 2

Q.110 Which process plays the primary role in generating water vapour within the hydrosphere?

1. Runoff water
2. Condensation
3. Evaporation
4. Precipitation

Chosen Option : 3

Q.111 The key role of the Intergovernmental Panel on Climate Change is:

1. enforcing climate policies
2. regulating emissions
3. providing scientific assessments
4. funding projects



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Chosen Option : 3

Q.11

2

Which of the following is required for certain projects in India according to the Environmental

Impact Assessment (EIA) process?

Ans 1. EIA is only required for small residential buildings.

2. EIA is only needed for projects outside of India.

3. EIA is not needed for any project in India.

4. EIA is required for certain projects listed by the Ministry of Environment, Forest and

Climate Change (MoEFCC).

Question ID : 6306801376909

Option 1 ID : 6306805421027

Option 2 ID : 6306805421030

Option 3 ID : 6306805421029

Option 4 ID : 6306805421028

Status : Answered

Chosen Option : 4

Q.11

3

Which of the following definitions of urban heat islands is most appropriate?

Ans 1. An urban area where the temperature reaches 48 degrees in summer

2. High temperature area surrounded by sea

3. An urban area where the temperature varies by 15-20 degrees in a day

4. Areas in cities that are much warmer than the surrounding rural areas

Question ID : 6306801391422

Option 1 ID : 6306805478895

Option 2 ID : 6306805478896

Option 3 ID : 6306805478894

Option 4 ID : 6306805478893

Status : Answered

Chosen Option : 4

Q.11

4

Diseases related to the respiratory system are generally caused by which type of pollution?

Ans 1. Noise pollution

2. Air pollution

3. Water pollution

4. Thermal pollution

Question ID : 6306801380317

Option 1 ID : 6306805434600



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Option 2 ID : 6306805434599

Option 3 ID : 6306805434601

Option 4 ID : 6306805434602

Status : Answered

Chosen Option : 2

Q.11

5

According to the India Meteorological Department classification, what is the daily precipitation

for a moderate rain?

Ans 1. 2.5-7.5 mm

2. 7.6-35.5 mm

3. 0.1-2.4 mm

4. 35.6-64.4 mm

Question ID : 6306801376177

Option 1 ID : 6306805417916

Option 2 ID : 6306805417917

Option 3 ID : 6306805417915

Option 4 ID : 6306805417918

Status : Answered

Chosen Option : 2

Q.11

6

According to National Ambient Air Quality Standards (NAAQS), 2009, the annual weighted

average of SO₂

for industrial and residential should be _____.

Ans 1. 50 µg/m³

2. 40 µg/m³

3. 20 µg/m³

4. 30 µg/m³

Question ID : 6306801381632

Option 1 ID : 6306805439799

Option 2 ID : 6306805439798

Option 3 ID : 6306805439796

Option 4 ID : 6306805439797

Status : Answered

Chosen Option : 4

Q.11

7

Which of the following statements best describes the ion-exchange process used for water

softening?



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- Ans 1. It uses ultraviolet radiation to break down organic pollutants in water.
2. It removes all dissolved salts from water, making it completely pure.
3. It replaces calcium and magnesium ions with sodium or potassium ions to reduce hardness.
4. It disinfects water by killing bacteria and viruses using chlorine compounds.

Question ID : 6306801375920

Option 1 ID : 6306805416886

Option 2 ID : 6306805416884

Option 3 ID : 6306805416883

Option 4 ID : 6306805416885

Status : Answered

Chosen Option : 2

Q.11

8

The mixing ratio in meteorology indicates _____.

- Ans 1. the ratio of the mass of water vapour to the mass of dry air
2. the ratio of oxygen to nitrogen in the atmosphere
3. the ratio of cloud cover to clear sky
4. the ratio of precipitation to water vapour

Question ID : 6306801373574

Option 1 ID : 6306805407595

Option 2 ID : 6306805407594

Option 3 ID : 6306805407597

Option 4 ID : 6306805407596

Status : Answered

Chosen Option : 2

Q.11

9

The dry adiabatic lapse rate may be calculated from basic physical principles and is equal to about:

- Ans 1. $5^{\circ}\text{C}/100\text{ m}$
2. $0.01^{\circ}\text{C}/100\text{ m}$
3. $1^{\circ}\text{C}/100\text{ m}$
4. $0.1^{\circ}\text{C}/100\text{ m}$

Question ID : 6306801376220

Option 1 ID : 6306805418090

Option 2 ID : 6306805418087

Option 3 ID : 6306805418089

Option 4 ID : 6306805418088

Status : Answered

Chosen Option : 3



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Q.12

0

Zeta potential measurement is used to:

Ans 1. measure the surface charge of particles

2. determine coagulant hardness

3. test water pH

4. determine turbidity

Question ID : 6306801380914

Option 1 ID : 6306805436955

Option 2 ID : 6306805436954

Option 3 ID : 6306805436956

Option 4 ID : 6306805436957

Status : Answered

Chosen Option : 1

Q.12

1

Which of the following is a primary focus of India's National Action Plan on Climate Change

(NAPCC), 2008?

Ans 1. To restrict industrial growth in the country to reduce greenhouse gas emissions

2. To reduce India's population growth to minimise its environmental impact

3. To promote energy efficiency and renewable energy sources as part of a strategy to

combat climate change

4. To establish a carbon tax for all industries in India

Question ID : 6306801376915

Option 1 ID : 6306805421061

Option 2 ID : 6306805421062

Option 3 ID : 6306805421060

Option 4 ID : 6306805421059

Status : Answered

Chosen Option : 3

Q.12

2

What is the typical pH range of acid rain?

Ans 1. 3.0 – 4.5

2. 6.5 – 7.0

3. 8.0 – 9.0

4. 5.0 – 5.5

Question ID : 6306801381605

Option 1 ID : 6306805439690

Option 2 ID : 6306805439688



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Option 3 ID : 6306805439691

Option 4 ID : 6306805439689

Status : Answered

Chosen Option : 4

Q.12

3

Which of the following is a primary effect of air pollutants on plant leaves?

Ans 1. Enhanced growth rates

2. Increased chlorophyll production

3. Reduced photosynthetic efficiency

4. Accelerated stomatal opening

Question ID : 6306801375306

Option 1 ID : 6306805414422

Option 2 ID : 6306805414419

Option 3 ID : 6306805414421

Option 4 ID : 6306805414420

Status : Answered

Chosen Option : 3

Q.12

4

Which of the following industries uses fly ash in abundance?

Ans 1. Paint industries

2. Paper industries

3. Sugar industries

4. Cement industries

Question ID : 6306801391449

Option 1 ID : 6306805479004

Option 2 ID : 6306805479002

Option 3 ID : 6306805479003

Option 4 ID : 6306805479001

Status : Answered

Chosen Option : 4

Q.12

5

Which of the following is NOT considered under criteria air pollutants?

Ans 1. Carbon monoxide

2. Sulphur dioxide

3. Nitrogen oxide

4. Carbon dioxide

Question ID : 6306801380263

Option 1 ID : 6306805434394

Option 2 ID : 6306805434392

Option 3 ID : 6306805434393



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Option 4 ID : 6306805434391

Status : Answered

Chosen Option : 1

Q.12

6

Which of the following statements is true regarding the regulatory framework for environmental auditing in India, as per the Environmental Protection Act, 1986, and subsequent amendments?

Ans 1. The Ministry of Environment, Forest and Climate Change (MoEFCC) in India provides

guidelines for environmental audits, but there is no binding legal requirement for industries to

adhere to these guidelines unless specified by state-level authorities.

2. Environmental audits in India are voluntary for all industries, irrespective of size and

pollution potential, under the Environmental Protection Act, 1986.

3. The Environmental Protection Act, 1986, imposes penalties on industries that fail to

conduct environmental audits, but it does not provide a legal framework for the audit process itself.

4. The Central Pollution Control Board (CPCB) mandates the environmental auditing

process for only high-pollution industries in India, and it is a statutory requirement for them.

Question ID : 6306801376906

Option 1 ID : 6306805421018

Option 2 ID : 6306805421015

Option 3 ID : 6306805421017

Option 4 ID : 6306805421016

Status : Answered

Chosen Option : 1

Q.12

7

What is the purpose of noise barriers on highways?

Ans 1. To prevent accidents

2. To reduce air pollution

3. To increase traffic flow

4. To absorb and deflect sound waves from vehicles

Question ID : 6306801378651

Option 1 ID : 6306805428014

Option 2 ID : 6306805428012



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Option 3 ID : 6306805428015

Option 4 ID : 6306805428013

Status : Answered

Chosen Option : 4

Q.12

8

In which year did the Federal Department of Forestry and Rural Development develop the world's first operational Geographic Information System in Ottawa?

Ans 1. 1973

2. 1968

3. 1965

4. 1963

Question ID : 6306801381614

Option 1 ID : 6306805439727

Option 2 ID : 6306805439726

Option 3 ID : 6306805439725

Option 4 ID : 6306805439724

Status : Answered

Chosen Option : 2

Q.12

9

What is the primary environmental concern when hazardous waste, such as heavy metals, is disposed of in open landfills?

Ans 1. Reduction in waste volume

2. Increased air pollution

3. Groundwater contamination due to leachate

4. Improved soil fertility

Question ID : 6306801376747

Option 1 ID : 6306805420371

Option 2 ID : 6306805420369

Option 3 ID : 6306805420370

Option 4 ID : 6306805420372

Status : Answered

Chosen Option : 3

Q.13

0

Which of the following statements is NOT correct for radiative force?

Ans 1. Stratospheric ozone losses cause a global-mean negative radiative forcing.

2. If global warming reduces the surface of snow/ice fields, they will reflect more solar



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radiation and absorb less.

3. Radiative forcing can cause changes in a planet's climate.

4. Radiative forcing is the difference between the amount of energy entering and leaving

a planet's atmosphere.

Question ID : 6306801379397

Option 1 ID : 6306805430989

Option 2 ID : 6306805430990

Option 3 ID : 6306805430987

Option 4 ID : 6306805430988

Status : Answered

Chosen Option : 4

Q.13

1

The Sundarbans mangrove forest is known for being a key habitat for which endangered species?

Ans 1. Bengal Tiger

2. Indian Rhino

3. Asiatic Lion

4. Ganges River Dolphin

Question ID : 6306801375943

Option 1 ID : 6306805416975

Option 2 ID : 6306805416976

Option 3 ID : 6306805416977

Option 4 ID : 6306805416978

Status : Answered

Chosen Option : 1

Q.13

2

Which of the following statements about gas hydrates is true?

Ans 1. Gas hydrates are stable at high temperatures and low pressures.

2. Gas hydrates can form in ocean sediments under conditions of high pressure and low

temperature.

3. Gas hydrates are primarily composed of liquid water and do not contain gas molecules.

4. The primary gas found in gas hydrates is nitrogen.

Question ID : 6306801377045

Option 1 ID : 6306805421583

Option 2 ID : 6306805421584

Option 3 ID : 6306805421586

Option 4 ID : 6306805421585



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Status : Answered

Chosen Option : 2

Q.13

3

The natural ageing of a lake by biological enrichment is known as _____.

Ans 1. bio enrichment

2. biogeocoenosis

3. mineralisation

4. eutrophication

Question ID : 6306801384343

Option 1 ID : 6306805450609

Option 2 ID : 6306805450612

Option 3 ID : 6306805450610

Option 4 ID : 6306805450611

Status : Answered

Chosen Option : 2

Q.13

4

Which of the following technologies is being explored to store solar energy during the night?

Ans 1. Lithium-ion batteries

2. Hydrogen fuel cells

3. Compressed air energy storage

4. Solar thermal energy storage

Question ID : 6306801381708

Option 1 ID : 6306805440101

Option 2 ID : 6306805440103

Option 3 ID : 6306805440102

Option 4 ID : 6306805440100

Status : Answered

Chosen Option : 1

Q.13

5

What is the primary composition of the lithosphere?

Ans 1. Gases and vapours

2. Soil and organic matter

3. Water and air

4. Rocks and minerals

Question ID : 6306801373560

Option 1 ID : 6306805407541

Option 2 ID : 6306805407539

Option 3 ID : 6306805407538

Option 4 ID : 6306805407540



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Status : Answered

Chosen Option : 4

Q.13

6

Which of the following factors has contributed the most to the increase in life expectancy and

population growth in developed countries over the last century?

Ans 1. Increased urbanisation and industrialisation

2. Higher birth rates and early marriages

3. Expansion of agricultural land and food supply

4. Improved sanitation and disease control measures

Question ID : 6306801376893

Option 1 ID : 6306805420967

Option 2 ID : 6306805420969

Option 3 ID : 6306805420970

Option 4 ID : 6306805420968

Status : Answered

Chosen Option : 4

Q.13

7

Which of the following is NOT among the identified objectives of the National Mission for

Sustaining the Himalayan Ecosystem (NMSHE)?

Ans 1. Development and adoption of new methods for assessing the health of the Himalayan

ecosystem, including glaciers

2. Building human and institutional capacities in existing or new institutions in the

Himalayan region

3. Identification of national knowledge institutions and development of a self-sustaining

knowledge network

4. Establishing large-scale industrial zones to boost the economy of the Himalayan

states

Question ID : 6306801376903

Option 1 ID : 6306805421004

Option 2 ID : 6306805421003

Option 3 ID : 6306805421006

Option 4 ID : 6306805421005

Status : Answered

Chosen Option : 1

Q.13



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8

Which of the following oxides of nitrogen is formed at maximum during anthropogenic emission of NO_x?

1. NO₃
2. NO
3. N₂O
4. NO₂

Question ID : 6306801379404

Option 1 ID : 6306805431013

Option 2 ID : 6306805431011

Option 3 ID : 6306805431014

Option 4 ID : 6306805431012

Status : Answered

Chosen Option : 4

Q.13

9

How much louder is a sound at 90 dB compared to a sound at 60 dB?

1. 10 times
2. 2 times
3. 1000 times
4. 20 times

Question ID : 6306801378039

Option 1 ID : 6306805425570

Option 2 ID : 6306805425569

Option 3 ID : 6306805425572

Option 4 ID : 6306805425571

Status : Answered

Chosen Option : 3

Q.14

0

Which of the following instruments is used to measure turbidity?

1. pH meter
2. Conductivity meter
3. TDS meter
4. Nephelometer

Question ID : 6306801378987

Option 1 ID : 6306805429362

Option 2 ID : 6306805429363

Option 3 ID : 6306805429360

Option 4 ID : 6306805429361

Status : Answered

Chosen Option : 4



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Q.14

1

Which of the following human activities poses the greatest long-term threat to global biodiversity?

1. Overexploitation of marine fisheries
2. Unregulated poaching of endangered species
3. Large-scale habitat fragmentation and destruction
4. Illegal wildlife trade in rare and exotic species

Question ID : 6306801377006

Option 1 ID : 6306805421430

Option 2 ID : 6306805421427

Option 3 ID : 6306805421428

Option 4 ID : 6306805421429

Status : Answered

Chosen Option : 3

Q.14

2

What is the term used to define the interaction between Earth's lithosphere, atmosphere, hydrosphere and biosphere?

1. Plate tectonics
2. Biogeochemical cycle
3. Earth system
4. Ecosystem

Question ID : 6306801373588

Option 1 ID : 6306805407652

Option 2 ID : 6306805407653

Option 3 ID : 6306805407651

Option 4 ID : 6306805407650

Status : Answered

Chosen Option : 4

Q.14

3

According to Indian noise pollution regulations, which of the following are classified as 'Silence Zones'?

1. Hotels and restaurants
2. Railway stations and bus stops
3. Markets and shopping malls
4. Hospitals and educational institutions

Question ID : 6306801378645

Option 1 ID : 6306805427989



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Option 2 ID : 6306805427990

Option 3 ID : 6306805427991

Option 4 ID : 6306805427988

Status : Answered

Chosen Option : 4

Q.14

4

Which of the following chemicals plays a major role in depleting the useful ozone layer in the stratosphere?

Ans 1. Carbon dioxide

2. Chlorofluorocarbons

3. Hydrofluorocarbons

4. Carbon monoxide

Question ID : 6306801391426

Option 1 ID : 6306805478911

Option 2 ID : 6306805478910

Option 3 ID : 6306805478912

Option 4 ID : 6306805478909

Status : Answered

Chosen Option : 2

Q.14

5

Which of the following processes is used to convert waste into energy by burning it at high temperatures?

Ans 1. Incineration

2. Composting

3. Landfilling

4. Recycling

Question ID : 6306801381025

Option 1 ID : 6306805437383

Option 2 ID : 6306805437382

Option 3 ID : 6306805437385

Option 4 ID : 6306805437384

Status : Answered

Chosen Option : 1

Q.14

6

Which of the following best describes the effect of bioaccumulation in aquatic food chains due to water pollution?



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Ans 1. Aquatic plants absorb toxic substances, preventing their entry into the food chain.

2. Toxic substances increase in concentration as they move up the food chain, harming top predators.

3. Toxic substances are equally distributed among all aquatic organisms.

4. Predators at the top of the food chain remain unaffected by toxic substances in the water.

Question ID : 6306801375904

Option 1 ID : 6306805416821

Option 2 ID : 6306805416819

Option 3 ID : 6306805416820

Option 4 ID : 6306805416822

Status : Answered

Chosen Option : 2

Q.14

7

Which of the following is a key principle of sustainable development?

Ans 1. Unlimited resource extraction

2. Integration of economic, social, and environmental goals

3. Prioritisation of industrialisation over conservation

4. Focus solely on economic benefits

Question ID : 6306801373893

Option 1 ID : 6306805408869

Option 2 ID : 6306805408870

Option 3 ID : 6306805408871

Option 4 ID : 6306805408872

Status : Answered

Chosen Option : 2

Q.14

8

Which of the following is NOT true regarding the characteristics of sorbent material used for sampling air?

Ans 1. Unique pore and crystal lattice structure

2. Natural or synthetic sorbents

3. Small surface area

4. In the form of granules, pads, rolls or blankets

Question ID : 6306801380302

Option 1 ID : 6306805434546

Option 2 ID : 6306805434543

Option 3 ID : 6306805434545



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Option 4 ID : 6306805434544

Status : Answered

Chosen Option : 4

Q.14

9

Which is the highest energy consuming sector globally?

Ans 1. Commercial

2. Industrial

3. Transportation

4. Residential

Question ID : 6306801391429

Option 1 ID : 6306805478923

Option 2 ID : 6306805478921

Option 3 ID : 6306805478924

Option 4 ID : 6306805478922

Status : Answered

Chosen Option : 2

Q.15

0

Coal bed methane is extracted by _____.

Ans 1. burning coal directly on coal seams

2. gas produced from coal through chemical processes

3. drilling and pumping water into coal seams

4. pyrolysis of coal

Question ID : 6306801373948

Option 1 ID : 6306805409089

Option 2 ID : 6306805409092

Option 3 ID : 6306805409091

Option 4 ID : 6306805409090

Status : Answered

Chosen Option : 2

Q.15

1

Which of the following is defined as a natural functional ecological unit

consisting of living

organisms and their non-living environment that interact to form a stable

self-sustaining

system?

Ans 1. Ecosystem

2. Habitat

3. Niche

4. Community

Question ID : 6306801378734



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Option 1 ID : 6306805428351

Option 2 ID : 6306805428350

Option 3 ID : 6306805428349

Option 4 ID : 6306805428348

Status : Answered

Chosen Option : 1

Q.15

2

Which biogeographic province includes Europe, North Africa, and most of Asia north of the

Himalayas?

Ans 1. Palearctic

2. Australian

3. Nearctic

4. Neotropical

Question ID : 6306801375292

Option 1 ID : 6306805414365

Option 2 ID : 6306805414366

Option 3 ID : 6306805414363

Option 4 ID : 6306805414364

Status : Answered

Chosen Option : 3

Q.15

3

The National Clean Air Programme (NCAP) is a program by the Government of India to reduce

air pollution primarily for which sector?

Ans 1. Mining area

2. Industrial area

3. Villages across the country

4. Cities across the country

Question ID : 6306801391430

Option 1 ID : 6306805478928

Option 2 ID : 6306805478927

Option 3 ID : 6306805478926

Option 4 ID : 6306805478925

Status : Answered

Chosen Option : 1

Q.15

4

Which of the following statements about noise pollution's impact on human health is most

accurate?



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Ans 1. Continuous exposure to 95 dBA for eight hours daily over ten years can lead to a

permanent threshold shift of about 15 dBA.

2. Hearing ability always recovers within one month after exposure to high noise levels.

3. A sound level of 100 dBA does not cause any temporary threshold shift (TTS) if

exposure is less than an hour.

4. Noise levels below 80 dBA do not cause any physiological effects.

Question ID : 6306801375899

Option 1 ID : 6306805416784

Option 2 ID : 6306805416785

Option 3 ID : 6306805416786

Option 4 ID : 6306805416783

Status : Answered

Chosen Option : 3

Q.15

5

Which of the following is NOT a primary air pollutant?

Ans 1. Lead

2. Ozone

3. Sulphur dioxide

4. Particulate matter

Question ID : 6306801379409

Option 1 ID : 6306805431034

Option 2 ID : 6306805431033

Option 3 ID : 6306805431031

Option 4 ID : 6306805431032

Status : Answered

Chosen Option : 2

Q.15

6

What is the primary source of energy for most ecosystems?

Ans 1. Glucose

2. Sunlight

3. Carbon dioxide

4. Oxygen

Question ID : 6306801375264

Option 1 ID : 6306805414252

Option 2 ID : 6306805414253

Option 3 ID : 6306805414255

Option 4 ID : 6306805414254

Status : Answered



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Chosen Option : 2

Q.15

7

Which of the following is a key focus area of the National Mission for Sustainable Agriculture (NMSA)?

1. Enhancing water use efficiency in agriculture
2. Expanding mining activities in rural areas
3. Increasing the use of chemical fertilisers
4. Promoting urban industrial development

Question ID : 6306801376904

Option 1 ID : 6306805421008

Option 2 ID : 6306805421009

Option 3 ID : 6306805421010

Option 4 ID : 6306805421007

Status : Answered

Chosen Option : 1

Q.15

8

Which of the following is a primary advantage of using Remote Sensing and Geographic Information Systems (GIS) for vegetation studies?

1. Requirement of minimal data processing
2. Direct physical measurement of plant growth
3. Exclusive use for urban planning
4. Ability to monitor large-scale vegetation changes over time

Question ID : 6306801376981

Option 1 ID : 6306805421329

Option 2 ID : 6306805421327

Option 3 ID : 6306805421330

Option 4 ID : 6306805421328

Status : Answered

Chosen Option : 4

Q.15

9

The fraction of incoming solar radiation that is reflected is known as:

1. extraterrestrial
2. albedo
3. sunspots
4. faculae

Question ID : 6306801378775

Option 1 ID : 6306805428515

Option 2 ID : 6306805428512



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Option 3 ID : 6306805428514

Option 4 ID : 6306805428513

Status : Answered

Chosen Option : 1

Q.16

0

According to the Occupational Safety and Health Administration (OSHA), a _____ increase

halves the permissible exposure time.

Ans 1. 5-dB

2. 2-dB

3. 10-dB

4. 3-dB

Question ID : 6306801378644

Option 1 ID : 6306805427986

Option 2 ID : 6306805427984

Option 3 ID : 6306805427987

Option 4 ID : 6306805427985

Status : Answered

Chosen Option : 4

Q.16

1

In designing a sanitary landfill for hazardous waste, which of the following is a critical

consideration to prevent groundwater contamination?

Ans 1. Type of waste containers used

2. Proximity to residential areas

3. Height of the waste pile

4. Installation of a proper liner system

Question ID : 6306801376754

Option 1 ID : 6306805420398

Option 2 ID : 6306805420397

Option 3 ID : 6306805420400

Option 4 ID : 6306805420399

Status : Answered

Chosen Option : 2

Q.16

2

Which of the following methods is used to extract crude shale oil from mined rock surface

retort?

Ans 1. Heterolysis

2. Pyrolysis



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3. Hydrolysis

4. Fractional distillation

Question ID : 6306801379379

Option 1 ID : 6306805430922

Option 2 ID : 6306805430920

Option 3 ID : 6306805430921

Option 4 ID : 6306805430919

Status : Answered

Chosen Option : 4

Q.16

3

Which legislation mandates the establishment of the Central Pollution Control Board (CPCB) in India?

Ans 1. The Forest Conservation Act, 1980

2. The National Green Tribunal Act, 2010

3. The Water (Prevention and Control of Pollution) Act, 1974

4. The Environment Protection Act, 1986

Question ID : 6306801381681

Option 1 ID : 6306805439995

Option 2 ID : 6306805439992

Option 3 ID : 6306805439993

Option 4 ID : 6306805439994

Status : Answered

Chosen Option : 4

Q.16

4

Which of the following statements best describes the primary characteristic of municipal solid waste (MSW)?

Ans 1. MSW is only composed of inorganic waste and does not include organic waste such as food scraps and paper.

2. MSW mainly consists of non-hazardous solid waste from residential, commercial and institutional sources.

3. MSW includes all types of waste generated in an urban setting, including industrial, medical and hazardous waste.

4. MSW primarily comprises biodegradable organic waste and excludes recyclable

materials like glass and metal.

Question ID : 6306801376689



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Option 1 ID : 6306805420140

Option 2 ID : 6306805420138

Option 3 ID : 6306805420137

Option 4 ID : 6306805420139

Status : Answered

Chosen Option : 2

Q.16

5

In anaerobic digestion, methanogenesis refers to:

Ans 1. the formation of methane from acetate or hydrogen

2. the oxidation of ammonia to nitrites

3. the breakdown of carbohydrates

4. the denitrification process

Question ID : 6306801380917

Option 1 ID : 6306805436967

Option 2 ID : 6306805436968

Option 3 ID : 6306805436966

Option 4 ID : 6306805436969

Status : Answered

Chosen Option : 1

Q.16

6

Which of the following indices is NOT used to characterise agricultural drought?

Ans 1. Aridity index

2. Moisture availability index

3. Fertilisers usability index

4. Palmer index

Question ID : 6306801378700

Option 1 ID : 6306805428208

Option 2 ID : 6306805428210

Option 3 ID : 6306805428209

Option 4 ID : 6306805428211

Status : Answered

Chosen Option : 3

Q.16

7

Which parameter in drinking water, when present above permissible limits, can cause bluebaby syndrome in infants?

Ans 1. Sulphate

2. Chloride

3. Fluoride

4. Nitrate

Question ID : 6306801380908



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Option 1 ID : 6306805436933

Option 2 ID : 6306805436930

Option 3 ID : 6306805436932

Option 4 ID : 6306805436931

Status : Answered

Chosen Option : 4

Q.16

8

Which of the following is the first step in waste management hierarchy?

Ans 1. Recycle

2. Reuse

3. Dispose

4. Reduce

Question ID : 6306801380923

Option 1 ID : 6306805436990

Option 2 ID : 6306805436992

Option 3 ID : 6306805436993

Option 4 ID : 6306805436991

Status : Answered

Chosen Option : 4

Q.16

9

The primary point source for water pollution is:

Ans 1. industrial discharge

2. urban stormwater

3. agricultural runoff

4. mining surface runoff

Question ID : 6306801375804

Option 1 ID : 6306805416317

Option 2 ID : 6306805416318

Option 3 ID : 6306805416316

Option 4 ID : 6306805416319

Status : Answered

Chosen Option : 1

Q.17

0

Which of the following greenhouse gases has the highest Global Warming Potential (GWP)?

Ans 1. Carbon dioxide (CO₂)

)

2. Sulphur hexafluoride (SF₆)

)

3. Nitrous oxide (N₂O)



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4. Methane (CH₄)
)

Question ID : 6306801377827

Option 1 ID : 6306805424719

Option 2 ID : 6306805424722

Option 3 ID : 6306805424721

Option 4 ID : 6306805424720

Status : Answered

Chosen Option : 4

Q.17

1

The National Environment Policy, 2006, ensures sustainability in natural resource management for the _____ sector.

Ans 1. Real Estate

2. Information Technology

3. Retail

4. Agriculture

Question ID : 6306801377416

Option 1 ID : 6306805423087

Option 2 ID : 6306805423086

Option 3 ID : 6306805423088

Option 4 ID : 6306805423085

Status : Answered

Chosen Option : 4

Q.17

2

Salinity in water samples are measured by _____.

Ans 1. the Conductivity method

2. the Nephelometric method

3. Winkler's method

4. the Kjeldahl method

Question ID : 6306801375847

Option 1 ID : 6306805416536

Option 2 ID : 6306805416538

Option 3 ID : 6306805416535

Option 4 ID : 6306805416537

Status : Answered

Chosen Option : 4

Q.17

3

According to the Clean Air Act (66), which criteria for air pollutants is NOT given under the



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National Ambient Air Quality Standards (NAAQS)?

Ans 1. CO₂

2. O₃

3. SO₂

4. Pb

Question ID : 6306801378719

Option 1 ID : 6306805428294

Option 2 ID : 6306805428293

Option 3 ID : 6306805428295

Option 4 ID : 6306805428292

Status : Answered

Chosen Option : 1

Q.17

4

Which of the following does NOT come under the definition of fossil fuel?

Ans 1. Bio Gas

2. Natural Gas

3. Petroleum

4. Coal

Question ID : 6306801378781

Option 1 ID : 6306805428539

Option 2 ID : 6306805428537

Option 3 ID : 6306805428536

Option 4 ID : 6306805428538

Status : Answered

Chosen Option : 1

Q.17

5

Which of the following is a common health effect of consuming water contaminated with mercury?

Ans 1. Increased appetite

2. Brain and nervous system damage

3. Improved immune function

4. Weight gain

Question ID : 6306801378985

Option 1 ID : 6306805429353

Option 2 ID : 6306805429352

Option 3 ID : 6306805429354

Option 4 ID : 6306805429355

Status : Answered

Chosen Option : 2

Q.17



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6

Which of the following is caused by environmental degradation?

- Ans 1. Loss of biodiversity
2. Increased agricultural productivity
3. Expansion of natural habitats
4. Improvement in air and water quality

Question ID : 6306801376816

Option 1 ID : 6306805420642

Option 2 ID : 6306805420643

Option 3 ID : 6306805420644

Option 4 ID : 6306805420641

Status : Answered

Chosen Option : 1

Q.17

7

The objective of the National Solar Mission in India is _____.

- Ans 1. to reduce coal production
2. to phase out nuclear energy
3. to promote wind energy exclusively
4. to establish India as a global leader in solar energy

Question ID : 6306801376818

Option 1 ID : 6306805420649

Option 2 ID : 6306805420652

Option 3 ID : 6306805420651

Option 4 ID : 6306805420650

Status : Answered

Chosen Option : 4

Q.17

8

The term 'wind rose' is generally used for which of the following?

- Ans 1. Temperature of the wind stream
2. Graphical representation of wind data
3. Represent the available humidity in wind
4. Reason of the wind flow

Question ID : 6306801376229

Option 1 ID : 6306805418124

Option 2 ID : 6306805418126

Option 3 ID : 6306805418123

Option 4 ID : 6306805418125

Status : Answered

Chosen Option : 2

Q.17

9



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What is the purpose of weighting networks in noise measurement?

Ans 1. To amplify background noise

2. To eliminate low-frequency sounds completely
3. To measure wind speed
4. To adjust sound measurements based on human hearing sensitivity

Question ID : 6306801378633

Option 1 ID : 6306805427942

Option 2 ID : 6306805427943

Option 3 ID : 6306805427940

Option 4 ID : 6306805427941

Status : Answered

Chosen Option : 4

Q.18

0

Which is the designated authority responsible for assessing and collecting cess under the

Water (Prevention and Control of Pollution) Cess Act, 1977?

- Ans 1. Municipal Corporations
2. State Pollution Control Board
 3. Central Pollution Control Board
 4. Central Government

Question ID : 6306801377425

Option 1 ID : 6306805423123

Option 2 ID : 6306805423122

Option 3 ID : 6306805423121

Option 4 ID : 6306805423124

Status : Answered

Chosen Option : 3

Q.18

1

The National Green Tribunal Act was established in which of the following years?

Ans 1. 2018

2. 2020
3. 2010
4. 2015

Chosen Option : 3

Q.182

Corrosion in metals such as iron and steel caused by air pollution is primarily due to _____.

Ans 1. ozone

2. sulfur dioxide



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3. nitrogen dioxide
4. carbon monoxide

Chosen Option : 2

Q.18 3

Which unit is used to measure noise dose?

Ans 1. Watts (W)

2. Hertz (Hz)
3. Decibels (dB)
4. Percentage (%)

Status : Answered

Chosen Option : 3

Q.18 4

Which of the given elements is present in highest percentage in coal?

Ans 1. Nitrogen

2. Hydrogen
3. Sulphur
4. Carbon

Chosen Option : 4

Q.18 5

In the context of Environment Management, what does CEPI stand for?

Ans 1. Comprehensive Environmental Pollution Index

2. Controlled Emission Pollution Index
3. Cumulative Environmental Protection Index
4. Central Environmental Pollution Indicator

Status : Answered

Chosen Option : 1

Q.186

Exposure to which of the following air pollutants can accelerate corrosion on metal surfaces,

leading to rusting and deterioration?

Ans 1. Carbon monoxide

2. Carbon dioxide
3. Sulphur hexafluoride
4. Sulphur dioxide

Chosen Option : 4

Q.187

Which of the following is NOT a common method for plastic waste disposal?

Ans 1. Composting

2. Landfilling
3. Incineration



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4. Recycling

Chosen Option : 4

Q.188

The Environmental Protection Agency (EPA) uses the Federal Reference Method (FRM) to do which of the following?

- Ans 1. To monitor water pollution levels
2. To monitor industrial waste management
3. To monitor noise pollution rates
4. To monitor air pollutants

Chosen Option : 2

Q.189

How many Sustainable Development Goals (SDGs) have been established by the United Nations?

1. 11
2. 7
3. 17
4. 3

Chosen Option : 3

Q.190

The most significant contributor to global warming is the six Kyoto gases. Which of the following is NOT included in this context?

- Ans 1. Nitrous oxide
2. Carbon monoxide
3. Sulphur hexafluoride
4. Methane

Chosen Option : 3

Q.191

Which energy source is expected to dominate global energy consumption in the future?

1. Nuclear energy
2. Coal
3. Petroleum
4. Renewable energy

Chosen Option : 2

Q.192 The human ear can detect frequencies between which of the following ranges?



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1. 20-20000 Hz
2. 50-50000 Hz
3. 1-100 Hz
4. 10-1000 Hz

Chosen Option : 1

Q.193

According to 2024 data, which of the following countries is the leading plastic polluter?

1. Nigeria
2. China
3. India
4. The US

Chosen Option : 4

Q.194 In which state is the only floating national park in the world located?

Ans 1. Kerala

2. Assam
3. West Bengal
4. Manipur

Question ID : 6306801375997

Option 1 ID : 6306805417186

Option 2 ID : 6306805417183

Option 3 ID : 6306805417184

Option 4 ID : 6306805417185

Status : Answered

Chosen Option : 4

Q.19

5

To improve the relationship between people and their environment, the Man and the Biosphere

(MAB) Programme was launched by UNESCO in which year?

Ans 1. 2006

2. 1971
3. 1983
4. 1997

Question ID : 6306801381604

Option 1 ID : 6306805439687

Option 2 ID : 6306805439684

Option 3 ID : 6306805439685

Option 4 ID : 6306805439686

Status : Answered

Chosen Option : 2



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Q.19

6

The amount of heat produced by complete combustion of unit weight of fuel is known

_____.

Ans 1. fire point value

2. calorific value

3. pour point value

4. viscosity index

Question ID : 6306801411643

Option 1 ID : 6306805555452

Option 2 ID : 6306805555451

Option 3 ID : 6306805555453

Option 4 ID : 6306805555450

Status : Answered

Chosen Option : 2

Q.19

7

Which international standard provides guidelines for conducting Life Cycle Assessment?

Ans 1. ISO 50001

2. ISO 9001

3. ISO 45001

4. ISO 14040

Question ID : 6306801377393

Option 1 ID : 6306805422995

Option 2 ID : 6306805422993

Option 3 ID : 6306805422996

Option 4 ID : 6306805422994

Status : An

Q.19

8

Which of the following is a key characteristic of the criteria air pollutants?

Ans 1. They are pollutants solely produced through natural processes.

2. They have been identified by regulatory agencies as harmful to public health and the environment.

3. They only include greenhouse gases like carbon dioxide and methane.

4. They are pollutants with a direct impact on indoor air quality.

Question ID : 6306801373888

Option 1 ID : 6306805408849

Option 2 ID : 6306805408850

Option 3 ID : 6306805408851



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Option 4 ID : 6306805408852

Status : Answered

Chosen Option : 2

Q.19

9

The major cause for the enhanced greenhouse effect for causing global warming is:

Ans 1. solar radiation

2. human activities

3. rise in sea level

4. volcanic activity

Question ID : 6306801376800

Option 1 ID : 6306805420579

Option 2 ID : 6306805420578

Option 3 ID : 6306805420580

Option 4 ID : 6306805420577

Status : Answered

Chosen Option : 2

Q.20

0

Which of the following demands that the financial costs of preventing or remedying the damage caused by pollution should lie with the undertakings which cause the pollution, or produce the goods which cause the pollution?

Ans 1. Sustainable development

2. Polluter pays principle

3. Precautionary principle

4. Intergenerational equity

Question ID : 6306801391465

Option 1 ID : 6306805479066

Option 2 ID : 6306805479064

Option 3 ID : 6306805479065

Option 4 ID : 6306805479067

Status : Answered

Chosen Option : 1