

CIL MT

**Previous Year Paper
(Environment)**

29 Mar, 2025 Shift 1



कोल इण्डिया लिमिटेड
COAL INDIA LIMITED

Participant ID	
Participant Name	
Test Center Name	
Test Date	29/03/2025
Test Time	9:00 AM - 12:00 PM
Subject	Environment

Section : General Awareness

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

- Ans ☒ 1. 2020
- ☒ 2. 2021
- ☒ 3. 2016
- ☒ 4. 2018

Question ID : 6306801379947
Option 1 ID : 6306805433177
Option 2 ID : 6306805433178
Option 3 ID : 6306805433180
Option 4 ID : 6306805433179
Status : Answered
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?

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

Question ID : 6306801383923
Option 1 ID : 6306805448926
Option 2 ID : 6306805448925
Option 3 ID : 6306805448927
Option 4 ID : 6306805448928
Status : Answered
Chosen Option : 3

Q.3 भारत सरकार द्वारा बच्चों में पढ़ने की आदत विकसित करने के लिए समग्र शिक्षा के तहत एक पृथक वार्षिक पुस्तकालय अनुदान का प्रावधान निम्नलिखित में से कब किया गया था?

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

Question ID : 6306801373240
Option 1 ID : 6306805406251
Option 2 ID : 6306805406252
Option 3 ID : 6306805406253
Option 4 ID : 6306805406250
Status : Answered
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?

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

Question ID : 6306801374474
Option 1 ID : 6306805411191
Option 2 ID : 6306805411190
Option 3 ID : 6306805411192
Option 4 ID : 6306805411189
Status : Answered
Chosen Option : 3

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

- Ans ☒ 1. Central University of Kerala
- ☒ 2. Central University of South Bihar
- ☒ 3. Central University of Andhra Pradesh
- ☒ 4. Central University of Karnataka

Question ID : 6306801373238
Option 1 ID : 6306805406244
Option 2 ID : 6306805406245
Option 3 ID : 6306805406242
Option 4 ID : 6306805406243
Status : Answered
Chosen Option : 3

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

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

Question ID : 6306801375713
Option 1 ID : 6306805415966
Option 2 ID : 6306805415967
Option 3 ID : 6306805415965
Option 4 ID : 6306805415964
Status : Answered
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?

- Ans ☒ 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

Question ID : 6306801373494
Option 1 ID : 6306805407275
Option 2 ID : 6306805407276
Option 3 ID : 6306805407274
Option 4 ID : 6306805407277
Status : Answered
Chosen Option : 2

Q.8 2025 में, साहित्य और शिक्षा के क्षेत्र में पद्म विभूषण (मरणोपरांत) से निम्नलिखित में से किसे सम्मानित किया गया?

- Ans ☒ 1. एम.टी. वासुदेवन नायर
- ☒ 2. डॉ. राधाकृष्णन पिल्लई
- ☒ 3. डॉ. सुधा मूर्ति
- ☒ 4. डॉ. बिबेक देबरॉय

Question ID : 6306801375630
Option 1 ID : 6306805415652
Option 2 ID : 6306805415651
Option 3 ID : 6306805415653
Option 4 ID : 6306805415650
Status : Answered
Chosen Option : 1

Q.9 भारत का कछार क्षेत्र _____ की खेती के लिए प्रसिद्ध है।

- Ans ☒ 1. जीरा
- ☒ 2. केसर
- ☒ 3. चाय
- ☒ 4. कॉफी

Question ID : 6306801370455
Option 1 ID : 6306805395011
Option 2 ID : 6306805395012
Option 3 ID : 6306805395014
Option 4 ID : 6306805395013
Status : Answered
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 _____.

- Ans ☒ 1. low
- ☒ 2. high
- ☒ 3. normal
- ☒ 4. very low

Question ID : 6306801378379
Option 1 ID : 6306805426929
Option 2 ID : 6306805426928
Option 3 ID : 6306805426930
Option 4 ID : 6306805426931
Status : Answered
Chosen Option : 2

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

- Ans ☒ 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

Question ID : 6306801374187
Option 1 ID : 6306805410049
Option 2 ID : 6306805410050
Option 3 ID : 6306805410048
Option 4 ID : 6306805410051
Status : Answered
Chosen Option : 3

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

- Ans ☒ 1. 1972
- ☒ 2. 1976
- ☒ 3. 1971
- ☒ 4. 1970

Question ID : 6306801383926
Option 1 ID : 6306805448940
Option 2 ID : 6306805448938
Option 3 ID : 6306805448937
Option 4 ID : 6306805448939
Status : Answered
Chosen Option : 2

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

- Ans ☒ 1. Cache Memory
- ☒ 2. DRAM
- ☒ 3. EEPROM
- ☒ 4. SRAM

Question ID : 6306801383528
Option 1 ID : 6306805447339
Option 2 ID : 6306805447337
Option 3 ID : 6306805447338
Option 4 ID : 6306805447336
Status : Answered
Chosen Option : 4

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

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

Question ID : 6306801383924
Option 1 ID : 6306805448930
Option 2 ID : 6306805448931
Option 3 ID : 6306805448929
Option 4 ID : 6306805448932
Status : Answered
Chosen Option : 1

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

- Ans ☒ 1. 240 MW
- ☒ 2. 540 MW
- ☒ 3. 1000 MW
- ☒ 4. 100 MW

Question ID : 6306801379968
Option 1 ID : 6306805433258
Option 2 ID : 6306805433259
Option 3 ID : 6306805433260
Option 4 ID : 6306805433257
Status : Answered
Chosen Option : 2

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

- Ans ☒ 1. 1987
- ☒ 2. 1952
- ☒ 3. 1992
- ☒ 4. 1966

Question ID : 6306801379999
Option 1 ID : 6306805433382
Option 2 ID : 6306805433383
Option 3 ID : 6306805433384
Option 4 ID : 6306805433381
Status : Answered
Chosen Option : 1

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

- Ans ☒ 1. Bangladesh
- ☒ 2. Nepal
- ☒ 3. China
- ☒ 4. Pakistan

Question ID : 6306801375122
Option 1 ID : 6306805413782
Option 2 ID : 6306805413783
Option 3 ID : 6306805413780
Option 4 ID : 6306805413781
Status : Answered
Chosen Option : 1

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

- Ans ☒ 1. ₹20 crore
☒ 2. ₹15 crore
☒ 3. ₹10 crore
☒ 4. ₹8 crore

Question ID : 6306801374200
Option 1 ID : 6306805410098
Option 2 ID : 6306805410097
Option 3 ID : 6306805410096
Option 4 ID : 6306805410099
Status : Answered
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?

- Ans ☒ 1. New York
☒ 2. Vienna
☒ 3. Geneva
☒ 4. Tokyo

Question ID : 6306801375447
Option 1 ID : 6306805414971
Option 2 ID : 6306805414972
Option 3 ID : 6306805414970
Option 4 ID : 6306805414973
Status : Answered
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?

- Ans ☒ 1. AI for India
☒ 2. SmartGov AI
☒ 3. BharatGen
☒ 4. Digital India AI

Question ID : 6306801377744
Option 1 ID : 6306805424387
Option 2 ID : 6306805424390
Option 3 ID : 6306805424388
Option 4 ID : 6306805424389
Status : Answered
Chosen Option : 4

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

- Ans ☒ 1. Tapi
- ☒ 2. Son
- ☒ 3. Narmada
- ☒ 4. Damodar

Question ID : 6306801370485
Option 1 ID : 6306805395132
Option 2 ID : 6306805395134
Option 3 ID : 6306805395131
Option 4 ID : 6306805395133
Status : Answered
Chosen Option : 4

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

- Ans ☒ 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

Question ID : 6306801383524
Option 1 ID : 6306805447320
Option 2 ID : 6306805447321
Option 3 ID : 6306805447322
Option 4 ID : 6306805447323
Status : Answered
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.

- Ans ☒ 1. sea to land
- ☒ 2. land to sea
- ☒ 3. land to land
- ☒ 4. sea to sea

Question ID : 6306801374998
Option 1 ID : 6306805413286
Option 2 ID : 6306805413283
Option 3 ID : 6306805413284
Option 4 ID : 6306805413285
Status : Answered
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?

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

Question ID : 6306801376694
Option 1 ID : 6306805420157
Option 2 ID : 6306805420159
Option 3 ID : 6306805420160
Option 4 ID : 6306805420158
Status : Answered
Chosen Option : 4

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

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

Question ID : 6306801374432
Option 1 ID : 6306805411025
Option 2 ID : 6306805411028
Option 3 ID : 6306805411027
Option 4 ID : 6306805411026
Status : Answered
Chosen Option : 4

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

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

Question ID : 6306801371219
Option 1 ID : 6306805398122
Option 2 ID : 6306805398125
Option 3 ID : 6306805398124
Option 4 ID : 6306805398123
Status : Answered
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

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

Question ID : 6306801374110
Option 1 ID : 6306805409738
Option 2 ID : 6306805409735
Option 3 ID : 6306805409736
Option 4 ID : 6306805409737
Status : Answered
Chosen Option : 2

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?

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

Question ID : 6306801373976
Option 1 ID : 6306805409202
Option 2 ID : 6306805409204
Option 3 ID : 6306805409201
Option 4 ID : 6306805409203
Status : Answered
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.)?

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

Question ID : 6306801371222
Option 1 ID : 6306805398135
Option 2 ID : 6306805398134
Option 3 ID : 6306805398137
Option 4 ID : 6306805398136
Status : Answered
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

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

Question ID : 6306801371218
Option 1 ID : 6306805398119
Option 2 ID : 6306805398118
Option 3 ID : 6306805398120
Option 4 ID : 6306805398121
Status : Answered
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?

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

Question ID : 6306801373582
Option 1 ID : 6306805407626
Option 2 ID : 6306805407629
Option 3 ID : 6306805407627
Option 4 ID : 6306805407628
Status : Answered
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?

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

Question ID : 6306801373577
Option 1 ID : 6306805407606
Option 2 ID : 6306805407607
Option 3 ID : 6306805407609
Option 4 ID : 6306805407608
Status : Answered
Chosen Option : 2

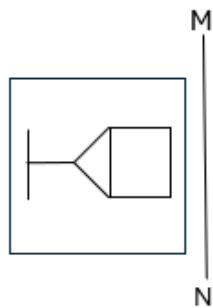
Q.33 Select the pair that follows the same pattern as that followed by the two pairs given below.
Both pairs follow the same pattern.

KNR-UXB
NQU-XAE

- Ans  1. VXA-EHL
 2. VYC-EIL
 3. VXA-FIM
 4. VYC-FIM

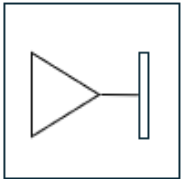
Question ID : 6306801371217
Option 1 ID : 6306805398117
Option 2 ID : 6306805398115
Option 3 ID : 6306805398116
Option 4 ID : 6306805398114
Status : Answered
Chosen Option : 4

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



Ans

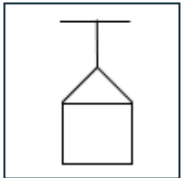
✗ 1.



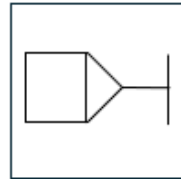
✗ 2.



✗ 3.



✓ 4.



Question ID : 6306801375884

Option 1 ID : 6306805416757

Option 2 ID : 6306805416755

Option 3 ID : 6306805416758

Option 4 ID : 6306805416756

Status : Answered

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.

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

Question ID : 6306801374317
Option 1 ID : 6306805410567
Option 2 ID : 6306805410565
Option 3 ID : 6306805410568
Option 4 ID : 6306805410566
Status : Answered
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?

- Ans ☒ 1. Friday
☒ 2. Sunday
☒ 3. Saturday
☒ 4. Wednesday

Question ID : 6306801373989
Option 1 ID : 6306805409254
Option 2 ID : 6306805409253
Option 3 ID : 6306805409256
Option 4 ID : 6306805409255
Status : Answered
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

- Ans ☒ 1. 66
☒ 2. 60
☒ 3. 70
☒ 4. 84

Question ID : 6306801374108
Option 1 ID : 6306805409728
Option 2 ID : 6306805409727
Option 3 ID : 6306805409729
Option 4 ID : 6306805409730
Status : Answered
Chosen Option : 4

Q.38 एक निश्चित कूट में, 'time wait none' को 'li mo zo' के रूप में कूटबद्ध किया गया है, 'tide wait some' को 'mo gy pu' और 'time and tide' को 'gy zo bh' के रूप में कूटबद्ध किया गया है। 'eternal none' के लिए संभावित कूट क्या है?

(नोट: सभी कूट केवल दो अक्षर वाले कूट हैं।)

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

Question ID : 6306801373997

Option 1 ID : 6306805409286

Option 2 ID : 6306805409285

Option 3 ID : 6306805409287

Option 4 ID : 6306805409288

Status : Answered

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

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

Question ID : 6306801371235

Option 1 ID : 6306805398188

Option 2 ID : 6306805398186

Option 3 ID : 6306805398187

Option 4 ID : 6306805398189

Status : Answered

Chosen Option : 2

Q.40 दिए गए कथनों और निष्कर्षों को ध्यान से पढ़िए। यह मानते हुए कि कथनों में दी गई जानकारी सत्य है, भले ही वह सामान्य रूप से ज्ञात तथ्यों से भिन्न प्रतीत होती हो, तय कीजिए कि दिए गए निष्कर्षों में से कौन-से निष्कर्ष, कथनों का तार्किक रूप से अनुसरण करते हैं।

कथन:

सभी फ़िरोज़ी, बेज हैं।

सभी बेज, गुलाबी हैं।

कुछ गुलाबी, मैरून हैं।

निष्कर्ष:

(I) सभी बेज, मैरून हैं।

(II) कुछ गुलाबी, फ़िरोज़ी हैं।

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

Question ID : 6306801371205
Option 1 ID : 6306805398069
Option 2 ID : 6306805398066
Option 3 ID : 6306805398068
Option 4 ID : 6306805398067
Status : Answered
Chosen Option : 3

Q.41 एक निश्चित कूट में, 'tenant pays rent' को 'mh si pa' के रूप में कूटबद्ध किया गया है, 'owner receive rent' को 'zy pa cu' के रूप में कूटबद्ध किया गया है, और 'owner pays tax' को 'si zy ke' के रूप में कूटबद्ध किया गया है। 'tenant owner' के लिए संभावित कूट क्या है?

(नोट: सभी कूट केवल दो अक्षर वाले कूट हैं।)

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

Question ID : 6306801373999
Option 1 ID : 6306805409296
Option 2 ID : 6306805409294
Option 3 ID : 6306805409295
Option 4 ID : 6306805409293
Status : Answered
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

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

Question ID : 6306801371234
Option 1 ID : 6306805398183
Option 2 ID : 6306805398182
Option 3 ID : 6306805398184
Option 4 ID : 6306805398185
Status : Answered
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)

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

Question ID : 6306801373980
Option 1 ID : 6306805409220
Option 2 ID : 6306805409218
Option 3 ID : 6306805409219
Option 4 ID : 6306805409217
Status : Answered
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 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?

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

Question ID : 6306801373971
Option 1 ID : 6306805409183
Option 2 ID : 6306805409182
Option 3 ID : 6306805409184
Option 4 ID : 6306805409181
Status : Answered
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?

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

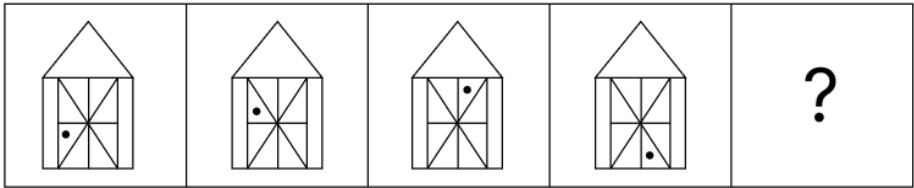
Question ID : 6306801373968
Option 1 ID : 6306805409169
Option 2 ID : 6306805409170
Option 3 ID : 6306805409171
Option 4 ID : 6306805409172
Status : Answered
Chosen Option : 3

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.)

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

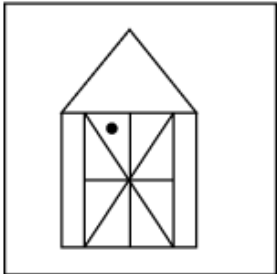
Question ID : 6306801371223
Option 1 ID : 6306805398140
Option 2 ID : 6306805398139
Option 3 ID : 6306805398141
Option 4 ID : 6306805398138
Status : Answered
Chosen Option : 4

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

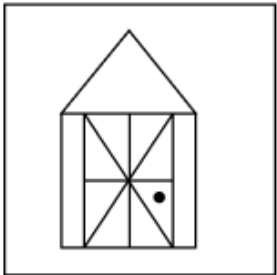


Ans

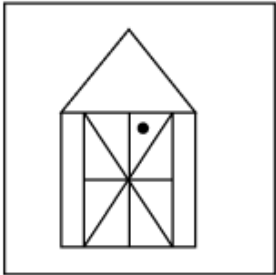
✓ 1.



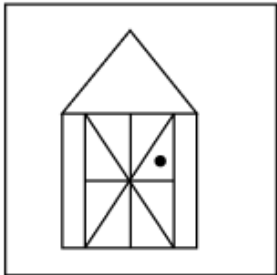
✗ 2.



✗ 3.



✗ 4.



Question ID : 6306801375880

Option 1 ID : 6306805416675

Option 2 ID : 6306805416678

Option 3 ID : 6306805416676

Option 4 ID : 6306805416677

Status : Answered

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'.

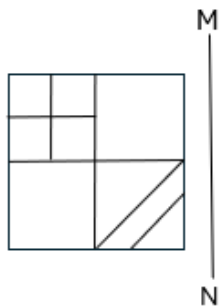
Which of the following mean(s) that F is the father of T?

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

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

Question ID : 6306801374033
Option 1 ID : 6306805409427
Option 2 ID : 6306805409430
Option 3 ID : 6306805409429
Option 4 ID : 6306805409428
Status : Answered
Chosen Option : 4

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



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 6306801375885
Option 1 ID : 6306805416745
Option 2 ID : 6306805416744
Option 3 ID : 6306805416743
Option 4 ID : 6306805416746
Status : Answered
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

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

Question ID : 6306801374037
Option 1 ID : 6306805409445
Option 2 ID : 6306805409443
Option 3 ID : 6306805409444
Option 4 ID : 6306805409446
Status : Answered
Chosen Option : 2

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?

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

Question ID : 6306801401285
Option 1 ID : 6306805517263
Option 2 ID : 6306805517264
Option 3 ID : 6306805517262
Option 4 ID : 6306805517265
Status : Answered
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.

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

Question ID : 6306801407191
Option 1 ID : 6306805540572
Option 2 ID : 6306805540573
Option 3 ID : 6306805540574
Option 4 ID : 6306805540571
Status : Answered
Chosen Option : 2

Q.53 The consumption of electricity, in units, for 20 customers in a locality is tabulated below. Find the mean of the consumption.

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

- Ans
- ✗ 1. 26.25
 - ✗ 2. 30.50
 - ✗ 3. 25.60
 - ✓ 4. 28.75

Question ID : 6306801406855
Option 1 ID : 6306805539197
Option 2 ID : 6306805539198
Option 3 ID : 6306805539200
Option 4 ID : 6306805539199
Status : Answered
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.?

- Ans
- ✓ 1. $26\frac{2}{3}$
 - ✗ 2. 22
 - ✗ 3. 18
 - ✗ 4. 40

Question ID : 6306801407308
Option 1 ID : 6306805542397
Option 2 ID : 6306805542394
Option 3 ID : 6306805542395
Option 4 ID : 6306805542396
Status : Answered
Chosen Option : 1

Q.55 Find the median of the following data.

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

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

Question ID : 6306801406854
Option 1 ID : 6306805539194
Option 2 ID : 6306805539196
Option 3 ID : 6306805539195
Option 4 ID : 6306805539193
Status : Answered
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?

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

Question ID : 6306801401283
Option 1 ID : 6306805517254
Option 2 ID : 6306805517255
Option 3 ID : 6306805517257
Option 4 ID : 6306805517256
Status : Answered
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.

- Ans ☒ 1. 7/18
- ☒ 2. 1/18
- ☒ 3. 5/18
- ☒ 4. 3/18

Question ID : 6306801405642
Option 1 ID : 6306805534650
Option 2 ID : 6306805534647
Option 3 ID : 6306805534649
Option 4 ID : 6306805534648
Status : Answered
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?

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

Question ID : 6306801401280
Option 1 ID : 6306805517243
Option 2 ID : 6306805517245
Option 3 ID : 6306805517244
Option 4 ID : 6306805517242
Status : Answered
Chosen Option : 3

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).

- Ans
- ☐ 1. 11.50
 - ☐ 2. 10.57
 - ☐ 3. 10.65
 - ☒ 4. 12.41

Question ID : 6306801407810
Option 1 ID : 6306805542426
Option 2 ID : 6306805542429
Option 3 ID : 6306805542427
Option 4 ID : 6306805542428
Status : Answered
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

Question ID : 6306801395988
Option 1 ID : 6306805496107
Option 2 ID : 6306805496109
Option 3 ID : 6306805496106
Option 4 ID : 6306805496108
Status : Answered
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?

- Ans
- ☐ 1. $60\frac{1}{2}\%$
 - ☐ 2. $6\frac{1}{2}\%$
 - ☒ 3. $66\frac{2}{3}\%$
 - ☐ 4. $64\frac{2}{3}\%$

Question ID : 6306801407298
Option 1 ID : 6306805541013
Option 2 ID : 6306805541014
Option 3 ID : 6306805541015
Option 4 ID : 6306805541016
Status : Answered
Chosen Option : 3

Q.62 What is the surface area of a sphere with a radius of $14\frac{4}{5}$ cm (use $\pi = \frac{22}{7}$)?

- Ans ☒ 1. 12320 cm^2
☒ 2. 12440 cm^2
☒ 3. 12140 cm^2
☒ 4. 12260 cm^2

Question ID : 6306801401608
Option 1 ID : 6306805518568
Option 2 ID : 6306805518569
Option 3 ID : 6306805518566
Option 4 ID : 6306805518567
Status : Answered
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.

- Ans ☒ 1. 260
☒ 2. 250
☒ 3. 280
☒ 4. 220

Question ID : 6306801406857
Option 1 ID : 6306805540516
Option 2 ID : 6306805540518
Option 3 ID : 6306805540515
Option 4 ID : 6306805540517
Status : Answered
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.

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

Question ID : 6306801406845
Option 1 ID : 6306805539157
Option 2 ID : 6306805539160
Option 3 ID : 6306805539158
Option 4 ID : 6306805539159
Status : Answered
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?

- Ans ☒ 1. 183
☒ 2. 180
☒ 3. 182
☒ 4. 181

Question ID : 6306801405637
Option 1 ID : 6306805534630
Option 2 ID : 6306805534627
Option 3 ID : 6306805534629
Option 4 ID : 6306805534628
Status : Answered
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?

- Ans ☒ 1. 70 grams
☒ 2. 60 grams
☒ 3. 100 grams
☒ 4. 80 grams

Question ID : 6306801401220
Option 1 ID : 6306805517003
Option 2 ID : 6306805517002
Option 3 ID : 6306805517005
Option 4 ID : 6306805517004
Status : Answered
Chosen Option : 3

Q.67 आप मिठाई खरीदने जाते हैं और एक बेकरी में 17 अलग-अलग कपकेक, 25 अलग-अलग डोनट, 48 अलग-अलग कुकीज़, 19 अलग-अलग ब्रेड, 36 अलग-अलग चॉकलेट और 33 अलग-अलग मफिन उपलब्ध हैं। यदि आपको कोई स्वादिष्ट व्यंजन चुनना है, तो आप कितनी अलग-अलग मिठाइयों में से इसे चुन सकते हैं?

- Ans ☒ 1. 178
☒ 2. 198
☒ 3. 188
☒ 4. 168

Question ID : 6306801405638
Option 1 ID : 6306805534633
Option 2 ID : 6306805534631
Option 3 ID : 6306805534632
Option 4 ID : 6306805534634
Status : Answered
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?

- Ans ☒ 1. 8
☒ 2. 12
☒ 3. 10
☒ 4. 9

Question ID : 6306801406847
Option 1 ID : 6306805539166
Option 2 ID : 6306805539165
Option 3 ID : 6306805539168
Option 4 ID : 6306805539167
Status : Answered
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:

- Ans ☒ 1. 0.234
☒ 2. 0.467
☒ 3. 0.326
☒ 4. 0.546

Question ID : 6306801401737
Option 1 ID : 6306805519090
Option 2 ID : 6306805519092
Option 3 ID : 6306805519091
Option 4 ID : 6306805519093
Status : Answered
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.

- Ans ☒ 1. 60
☒ 2. 50
☒ 3. 80
☒ 4. 40

Question ID : 6306801401739
Option 1 ID : 6306805542447
Option 2 ID : 6306805542449
Option 3 ID : 6306805542446
Option 4 ID : 6306805542448
Status : Answered
Chosen Option : 1

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

Ans  1. 130.5

 2. 150.3

 3. 140.4

 4. 120.6

Question ID : 6306801395973

Option 1 ID : 6306805496047

Option 2 ID : 6306805496049

Option 3 ID : 6306805496048

Option 4 ID : 6306805496046

Status : Answered

Chosen Option : 1

Q.72 Find the value of the given expression.

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

Ans  1. $2\frac{23}{28}$

 2. $5\frac{28}{23}$

 3. $3\frac{25}{28}$

 4. $4\frac{25}{23}$

Question ID : 6306801401236

Option 1 ID : 6306805517066

Option 2 ID : 6306805517069

Option 3 ID : 6306805517067

Option 4 ID : 6306805517068

Status : Answered

Chosen Option : 3

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

Ans  1. ₹74.10

 2. ₹72.30

 3. ₹71.40

 4. ₹70.50

Question ID : 6306801395981

Option 1 ID : 6306805496081

Option 2 ID : 6306805496080

Option 3 ID : 6306805496079

Option 4 ID : 6306805496078

Status : Answered

Chosen Option : 1

Q.74 A person multiplied a number by $15/11$ instead of $11/15$. What is the percentage error in calculation?

Ans  1. $85\frac{115}{121}\%$

 2. $83\frac{111}{121}\%$

 3. $87\frac{117}{112}\%$

 4. $81\frac{113}{112}\%$

Question ID : 6306801401273

Option 1 ID : 6306805517216

Option 2 ID : 6306805517215

Option 3 ID : 6306805517217

Option 4 ID : 6306805517214

Status : Answered

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?

Ans  1. ₹2,840.20

 2. ₹2,260.40

 3. ₹2,440.50

 4. ₹2,060.60

Question ID : 6306801395986

Option 1 ID : 6306805496101

Option 2 ID : 6306805496099

Option 3 ID : 6306805496100

Option 4 ID : 6306805496098

Status : Answered

Chosen Option : 1

Q.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.

- Ans ☒ 1. happy
 ☐ 2. sympathetic
 ☐ 3. diseased
 ☐ 4. halting

Question ID : 63068086757
Option 1 ID : 630680336440
Option 2 ID : 630680336439
Option 3 ID : 630680336438
Option 4 ID : 630680336437
Status : Answered
Chosen Option : 2

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

He has not been here before, ____?

- Ans ☐ 1. does he
 ☐ 2. had he
 ☐ 3. did he
 ☒ 4. has he

Question ID : 630680845899
Option 1 ID : 6306803313462
Option 2 ID : 6306803313460
Option 3 ID : 6306803313461
Option 4 ID : 6306803313459
Status : Answered
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.

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

Question ID : 630680752442
Option 1 ID : 6306802949042
Option 2 ID : 6306802949041
Option 3 ID : 6306802949040
Option 4 ID : 6306802949043
Status : Answered
Chosen Option : 2

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

You have not been here before, _____?

- Ans ☒ 1. will you
- ☒ 2. would you
- ☒ 3. had you
- ☒ 4. have you

Question ID : 630680845879
Option 1 ID : 6306803313385
Option 2 ID : 6306803313386
Option 3 ID : 6306803313384
Option 4 ID : 6306803313383
Status : Answered
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.

- Ans ☒ 1. benevolence
- ☒ 2. philanthropist's
- ☒ 3. alleviating
- ☒ 4. magnanimity

Question ID : 630680746730
Option 1 ID : 6306802927044
Option 2 ID : 6306802927043
Option 3 ID : 6306802927046
Option 4 ID : 6306802927045
Status : Answered
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.

- Ans ☒ 1. healthful
- ☒ 2. luxurious
- ☒ 3. hectic
- ☒ 4. unpredictable

Question ID : 630680102412
Option 1 ID : 630680397915
Option 2 ID : 630680397916
Option 3 ID : 630680397918
Option 4 ID : 630680397917
Status : Answered
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.

- Ans ☒ 1. forthright
☒ 2. effusive
☒ 3. candid
☒ 4. ambiguous

Question ID : 630680799862
Option 1 ID : 6306803134236
Option 2 ID : 6306803134239
Option 3 ID : 6306803134238
Option 4 ID : 6306803134237
Status : Answered
Chosen Option : 4

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

- Ans ☒ 1. Narrator
☒ 2. Antagonist
☒ 3. Protagonist
☒ 4. Confidant

Question ID : 630680822083
Option 1 ID : 6306803220106
Option 2 ID : 6306803220104
Option 3 ID : 6306803220105
Option 4 ID : 6306803220107
Status : Answered
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.

- Ans ☒ 1. fortunate
☒ 2. tasteful
☒ 3. diseased
☒ 4. honest

Question ID : 63068086414
Option 1 ID : 630680335085
Option 2 ID : 630680335087
Option 3 ID : 630680335086
Option 4 ID : 630680335084
Status : Answered
Chosen Option : 3

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

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

Ans  1. maintainance

 2. perceive

 3. gorgeous

 4. accommodate

Question ID : 630680748124
Option 1 ID : 6306802932123
Option 2 ID : 6306802932121
Option 3 ID : 6306802932122
Option 4 ID : 6306802932120
Status : Answered
Chosen Option : 1

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

She isn't your sister, _____?

Ans  1. did she

 2. is she

 3. will she

 4. can she

Question ID : 630680845883
Option 1 ID : 6306803313400
Option 2 ID : 6306803313399
Option 3 ID : 6306803313401
Option 4 ID : 6306803313402
Status : Answered
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.

Ans  1. 2, 4, 3, 1

 2. 3, 1, 2, 4

 3. 2, 3, 1, 4

 4. 1, 4, 3, 2

Question ID : 630680804070
Option 1 ID : 6306803150102
Option 2 ID : 6306803150100
Option 3 ID : 6306803150099
Option 4 ID : 6306803150101
Status : Answered
Chosen Option : 1

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

The weather is not nice today, ____?

- Ans ☒ 1. do it
- ☒ 2. is it
- ☒ 3. was it
- ☒ 4. did it

Question ID : 630680845895
Option 1 ID : 6306803313444
Option 2 ID : 6306803313445
Option 3 ID : 6306803313446
Option 4 ID : 6306803313443
Status : Answered
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

Question ID : 630680845874
Option 1 ID : 6306803313364
Option 2 ID : 6306803313366
Option 3 ID : 6306803313365
Option 4 ID : 6306803313363
Status : Answered
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.

- Ans ☒ 1. BDAC
- ☒ 2. BDCA
- ☒ 3. ABCD
- ☒ 4. ACBD

Question ID : 630680114596
Option 1 ID : 630680443752
Option 2 ID : 630680443753
Option 3 ID : 630680443751
Option 4 ID : 630680443750
Status : Answered
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, 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

Question ID : 630680784137
Option 1 ID : 6306803072871
Option 2 ID : 6306803072872
Option 3 ID : 6306803072873
Option 4 ID : 6306803072870
Status : Answered
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.

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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?

- Ans  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.

Question ID : 630680784139
Option 1 ID : 6306803072878
Option 2 ID : 6306803072881
Option 3 ID : 6306803072880
Option 4 ID : 6306803072879
Status : Answered
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?

- Ans  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.

Question ID : 630680784141
Option 1 ID : 6306803072888
Option 2 ID : 6306803072887
Option 3 ID : 6306803072886
Option 4 ID : 6306803072889
Status : Answered
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, 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?

- Ans  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.

Question ID : 630680784140
Option 1 ID : 6306803072885
Option 2 ID : 6306803072883
Option 3 ID : 6306803072884
Option 4 ID : 6306803072882
Status : Answered
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 : 95

Q.95 What is the structure of the passage?

- Ans  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

Question ID : 630680784138
Option 1 ID : 6306803072877
Option 2 ID : 6306803072876
Option 3 ID : 6306803072875
Option 4 ID : 6306803072874
Status : Answered
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

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

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

Question ID : 630680810856
Option 1 ID : 6306803176850
Option 2 ID : 6306803176851
Option 3 ID : 6306803176852
Option 4 ID : 6306803176853
Status : Answered
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.

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

Question ID : 630680810857
Option 1 ID : 6306803176854
Option 2 ID : 6306803176857
Option 3 ID : 6306803176855
Option 4 ID : 6306803176856
Status : Answered
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 : 98

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

Ans  1. prevalent

 2. obsolete

 3. redundant

 4. ineffective

Question ID : 630680810854

Option 1 ID : 6306803176843

Option 2 ID : 6306803176842

Option 3 ID : 6306803176844

Option 4 ID : 6306803176845

Status : Answered

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 : 99

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

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

Question ID : 630680810855
Option 1 ID : 6306803176849
Option 2 ID : 6306803176846
Option 3 ID : 6306803176847
Option 4 ID : 6306803176848
Status : Answered
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 : 100

Q.10 Select the most appropriate option to fill in blank number 5.
0

- Ans ☒ 1. exclusivity
☒ 2. inclusivity
☒ 3. inequity
☒ 4. apathy

Question ID : 630680810858
Option 1 ID : 6306803176860
Option 2 ID : 6306803176859
Option 3 ID : 6306803176858
Option 4 ID : 6306803176861
Status : Answered
Chosen Option : 2

Section : Domain Knowledge

Q.10 According to the Environment (Protection) Rules, 1986, what is the permissible limit of total
1 suspended solids for effluent discharge into inland surface water?

- Ans ☒ 1. 10 mg/l
☒ 2. 100 mg/l
☒ 3. 1 mg/l
☒ 4. 700 mg/l

Question ID : 6306801385181
Option 1 ID : 6306805453930
Option 2 ID : 6306805453931
Option 3 ID : 6306805453929
Option 4 ID : 6306805453932
Status : Answered
Chosen Option : 2

Q.10 What is the most effective GIS application for monitoring deforestation in India?
2

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

Question ID : 6306801381620
Option 1 ID : 6306805439749
Option 2 ID : 6306805439750
Option 3 ID : 6306805439751
Option 4 ID : 6306805439748
Status : Answered
Chosen Option : 4

Q.10 In which year was the 'World Wildlife Fund', the leading organisation in wildlife conservation
3 and endangered species, established?

- Ans
- ☒ 1. 1968
 - ☒ 2. 1961
 - ☒ 3. 1975
 - ☒ 4. 1983

Question ID : 6306801378741
Option 1 ID : 6306805428377
Option 2 ID : 6306805428376
Option 3 ID : 6306805428378
Option 4 ID : 6306805428379
Status : Answered
Chosen Option : 4

Q.10 In which of the following conditions will gross and net calorific values of the given fuel be the
4 same?

- Ans
- ☒ 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

Question ID : 6306801379388
Option 1 ID : 6306805430956
Option 2 ID : 6306805430957
Option 3 ID : 6306805430955
Option 4 ID : 6306805430958
Status : Answered
Chosen Option : 2

Q.10 Which of the following bins are commonly used for collecting organic waste in urban areas?
5

- Ans ☒ 1. Blue bins
☒ 2. Red bins
☒ 3. Green bins
☒ 4. Yellow bins

Question ID : 6306801381030
Option 1 ID : 6306805437404
Option 2 ID : 6306805437405
Option 3 ID : 6306805437402
Option 4 ID : 6306805437403
Status : Answered
Chosen Option : 3

Q.10 In which of the following years were the Indian Forest Act and the Forest (Conservation) Act
6 established?

- Ans ☒ 1. 1820 and 1947, respectively
☒ 2. 1927 and 1980, respectively
☒ 3. 1825 and 1949, respectively
☒ 4. 1947 and 1971, respectively

Question ID : 6306801389400
Option 1 ID : 6306805470817
Option 2 ID : 6306805470819
Option 3 ID : 6306805470818
Option 4 ID : 6306805470820
Status : Answered
Chosen Option : 2

Q.10 What is the principle used in a chemiluminescence detector for measuring nitrogen dioxide?
7

- Ans ☒ 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

Question ID : 6306801374490
Option 1 ID : 6306805411254
Option 2 ID : 6306805411256
Option 3 ID : 6306805411253
Option 4 ID : 6306805411255
Status : Answered
Chosen Option : 1

Q.10 All of the following are the effects of increased eutrophication EXCEPT:
8

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

Question ID : 6306801384295
Option 1 ID : 6306805450417
Option 2 ID : 6306805450418
Option 3 ID : 6306805450420
Option 4 ID : 6306805450419
Status : Answered
Chosen Option : 4

Q.10 What is the primary environmental concern associated with excessive nitrates and phosphates
9 in water bodies?

- Ans ☒ 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

Question ID : 6306801375907
Option 1 ID : 6306805416832
Option 2 ID : 6306805416831
Option 3 ID : 6306805416833
Option 4 ID : 6306805416834
Status : Answered
Chosen Option : 2

Q.11 Which process plays the primary role in generating water vapour within the hydrosphere?
0

- Ans ☒ 1. Runoff water
- ☒ 2. Condensation
- ☒ 3. Evaporation
- ☒ 4. Precipitation

Question ID : 6306801375297
Option 1 ID : 6306805414386
Option 2 ID : 6306805414384
Option 3 ID : 6306805414385
Option 4 ID : 6306805414383
Status : Answered
Chosen Option : 3

Q.11 The key role of the Intergovernmental Panel on Climate Change is:
1

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

Question ID : 6306801376804
Option 1 ID : 6306805420593
Option 2 ID : 6306805420596
Option 3 ID : 6306805420594
Option 4 ID : 6306805420595
Status : Answered
Chosen Option : 3

Q.11 Which of the following is required for certain projects in India according to the Environmental
2 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 Which of the following definitions of urban heat islands is most appropriate?
3

- 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 Diseases related to the respiratory system are generally caused by which type of pollution?
4

- Ans ☒ 1. Noise pollution
☒ 2. Air pollution
☒ 3. Water pollution
☒ 4. Thermal pollution

Question ID : 6306801380317
Option 1 ID : 6306805434600
Option 2 ID : 6306805434599
Option 3 ID : 6306805434601
Option 4 ID : 6306805434602
Status : Answered
Chosen Option : 2

Q.11 According to the India Meteorological Department classification, what is the daily precipitation
5 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 According to National Ambient Air Quality Standards (NAAQS), 2009, the annual weighted
6 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 Which of the following statements best describes the ion-exchange process used for water softening?

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

- Ans ☒ 1. 5°C/100 m
- ☒ 2. 0.01°C/100 m
- ☒ 3. 1°C/100 m
- ☒ 4. 0.1°C/100 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

Q.12 Zeta potential measurement is used to:
0

- 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 Which of the following is a primary focus of India's National Action Plan on Climate Change
1 (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 What is the typical pH range of acid rain?
2

- 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
Option 3 ID : 6306805439691
Option 4 ID : 6306805439689
Status : Answered
Chosen Option : 4

Q.12 Which of the following is a primary effect of air pollutants on plant leaves?
3

- 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 Which of the following industries uses fly ash in abundance?
4

- 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 Which of the following is NOT considered under criteria air pollutants?
5

- 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
Option 4 ID : 6306805434391
Status : Answered
Chosen Option : 1

Q.12 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?

6

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 What is the purpose of noise barriers on highways?

7

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

Option 3 ID : 6306805428015

Option 4 ID : 6306805428013

Status : Answered

Chosen Option : 4

Q.12 In which year did the Federal Department of Forestry and Rural Development develop the world's first operational Geographic Information System in Ottawa?

8

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 What is the primary environmental concern when hazardous waste, such as heavy metals, is
9 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 Which of the following statements is NOT correct for radiative force?
0

- Ans ☒ 1. Stratospheric ozone losses cause a global-mean negative radiative forcing.
- ☒ 2. If global warming reduces the surface of snow/icefields, they will reflect more solar 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 The Sundarbans mangrove forest is known for being a key habitat for which endangered
1 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 Which of the following statements about gas hydrates is true?
2

- 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
Status : Answered
Chosen Option : 2

Q.13 The natural ageing of a lake by biological enrichment is known as _____.
3

- 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 Which of the following technologies is being explored to store solar energy during the night?
4

- 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 What is the primary composition of the lithosphere?
5

- 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
Status : Answered
Chosen Option : 4

Q.13 Which of the following factors has contributed the most to the increase in life expectancy and
6 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 Which of the following is NOT among the identified objectives of the National Mission for
7 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 Which of the following oxides of nitrogen is formed at maximum during anthropogenic
8 emission of NO_x?

- Ans ☒ 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 How much louder is a sound at 90 dB compared to a sound at 60 dB?
9

- Ans ☒ 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 Which of the following instruments is used to measure turbidity?
0

- Ans ☒ 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

Q.14 Which of the following human activities poses the greatest long-term threat to global
1 biodiversity?

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

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

- Ans ☒ 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
Option 2 ID : 6306805427990
Option 3 ID : 6306805427991
Option 4 ID : 6306805427988
Status : Answered
Chosen Option : 4

Q.14 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 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 Which of the following best describes the effect of bioaccumulation in aquatic food chains due to water pollution?

- 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 Which of the following is a key principle of sustainable development?
7

- 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 Which of the following is NOT true regarding the characteristics of sorbent material used for
8 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
Option 4 ID : 6306805434544
Status : Answered
Chosen Option : 4

Q.14 Which is the highest energy consuming sector globally?
9

- 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 Coal bed methane is extracted by _____.
0

- 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 Which of the following is defined as a natural functional ecological unit consisting of living
1 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
Option 1 ID : 6306805428351
Option 2 ID : 6306805428350
Option 3 ID : 6306805428349
Option 4 ID : 6306805428348
Status : Answered
Chosen Option : 1

Q.15 Which biogeographic province includes Europe, North Africa, and most of Asia north of the
2 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 The National Clean Air Programme (NCAP) is a program by the Government of India to reduce
3 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 Which of the following statements about noise pollution's impact on human health is most
4 accurate?

- 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 Which of the following is NOT a primary air pollutant?
5

- 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 What is the primary source of energy for most ecosystems?
6

- 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
Chosen Option : 2

Q.15 Which of the following is a key focus area of the National Mission for Sustainable Agriculture
7 (NMSA)?

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

- Ans ☒ 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 The fraction of incoming solar radiation that is reflected is known as:
9

- Ans ☒ 1. extraterrestrial
- ☒ 2. albedo
- ☒ 3. sunspots
- ☒ 4. faculae

Question ID : 6306801378775
Option 1 ID : 6306805428515
Option 2 ID : 6306805428512
Option 3 ID : 6306805428514
Option 4 ID : 6306805428513
Status : Answered
Chosen Option : 1

Q.16 According to the Occupational Safety and Health Administration (OSHA), a _____ increase
0 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 In designing a sanitary landfill for hazardous waste, which of the following is a critical
1 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 Which of the following methods is used to extract crude shale oil from mined rock surface
2 retort?

- Ans ☒ 1. Heterolysis
- ☒ 2. Pyrolysis
- ☒ 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 Which legislation mandates the establishment of the Central Pollution Control Board (CPCB) in
3 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 Which of the following statements best describes the primary characteristic of municipal solid
4 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
Option 1 ID : 6306805420140
Option 2 ID : 6306805420138
Option 3 ID : 6306805420137
Option 4 ID : 6306805420139
Status : Answered
Chosen Option : 2

Q.16 In anaerobic digestion, methanogenesis refers to:
5

- 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 Which of the following indices is NOT used to characterise agricultural drought?
6

- 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 Which parameter in drinking water, when present above permissible limits, can cause blue-baby syndrome in infants?
7

- Ans ☒ 1. Sulphate
☒ 2. Chloride
☒ 3. Fluoride
☒ 4. Nitrate

Question ID : 6306801380908
Option 1 ID : 6306805436933
Option 2 ID : 6306805436930
Option 3 ID : 6306805436932
Option 4 ID : 6306805436931
Status : Answered
Chosen Option : 4

Q.16 Which of the following is the first step in waste management hierarchy?
8

- 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 The primary point source for water pollution is:
9

- 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 Which of the following greenhouse gases has the highest Global Warming Potential (GWP)?
0

- Ans ☒ 1. Carbon dioxide (CO₂)
☒ 2. Sulphur hexafluoride (SF₆)
☒ 3. Nitrous oxide (N₂O)
☒ 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 The National Environment Policy, 2006, ensures sustainability in natural resource management
1 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 Salinity in water samples are measured by _____.
2

- 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 According to the Clean Air Act (66), which criteria for air pollutants is NOT given under the
3 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 Which of the following does NOT come under the definition of fossil fuel?
4

- 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 Which of the following is a common health effect of consuming water contaminated with
5 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 Which of the following is caused by environmental degradation?
6

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

7

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

8

- 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 What is the purpose of weighting networks in noise measurement?

9

- 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 Which is the designated authority responsible for assessing and collecting cess under the
0 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 The National Green Tribunal Act was established in which of the following years?
1

- Ans ☒ 1. 2018
- ☒ 2. 2020
- ☒ 3. 2010
- ☒ 4. 2015

Question ID : 6306801389403
Option 1 ID : 6306805470831
Option 2 ID : 6306805470832
Option 3 ID : 6306805470829
Option 4 ID : 6306805470830
Status : Answered
Chosen Option : 3

Q.18 Corrosion in metals such as iron and steel caused by air pollution is primarily due to _____.
2

- Ans ☒ 1. ozone
- ☒ 2. sulfur dioxide
- ☒ 3. nitrogen dioxide
- ☒ 4. carbon monoxide

Question ID : 6306801374497
Option 1 ID : 6306805411283
Option 2 ID : 6306805411282
Option 3 ID : 6306805411284
Option 4 ID : 6306805411281
Status : Answered
Chosen Option : 2

Q.18 Which unit is used to measure noise dose?
3

- Ans
- ☐ 1. Watts (W)
 - ☐ 2. Hertz (Hz)
 - ☐ 3. Decibels (dB)
 - ☒ 4. Percentage (%)

Question ID : 6306801378635
Option 1 ID : 6306805427951
Option 2 ID : 6306805427950
Option 3 ID : 6306805427948
Option 4 ID : 6306805427949
Status : Answered
Chosen Option : 3

Q.18 Which of the given elements is present in highest percentage in coal?
4

- Ans
- ☐ 1. Nitrogen
 - ☐ 2. Hydrogen
 - ☐ 3. Sulphur
 - ☒ 4. Carbon

Question ID : 6306801378785
Option 1 ID : 6306805428555
Option 2 ID : 6306805428554
Option 3 ID : 6306805428552
Option 4 ID : 6306805428553
Status : Answered
Chosen Option : 4

Q.18 In the context of Environment Management, what does CEPI stand for?
5

- Ans
- ☒ 1. Comprehensive Environmental Pollution Index
 - ☐ 2. Controlled Emission Pollution Index
 - ☐ 3. Cumulative Environmental Protection Index
 - ☐ 4. Central Environmental Pollution Indicator

Question ID : 6306801381692
Option 1 ID : 6306805440037
Option 2 ID : 6306805440038
Option 3 ID : 6306805440039
Option 4 ID : 6306805440036
Status : Answered
Chosen Option : 1

Q.18 Exposure to which of the following air pollutants can accelerate corrosion on metal surfaces,
6 leading to rusting and deterioration?

- Ans ☒ 1. Carbon monoxide
- ☒ 2. Carbon dioxide
- ☒ 3. Sulphur hexafluoride
- ☒ 4. Sulphur dioxide

Question ID : 6306801380336
Option 1 ID : 6306805434676
Option 2 ID : 6306805434677
Option 3 ID : 6306805434678
Option 4 ID : 6306805434675
Status : Answered
Chosen Option : 4

Q.18 Which of the following is NOT a common method for plastic waste disposal?
7

- Ans ☒ 1. Composting
- ☒ 2. Landfilling
- ☒ 3. Incineration
- ☒ 4. Recycling

Question ID : 6306801376750
Option 1 ID : 6306805420384
Option 2 ID : 6306805420383
Option 3 ID : 6306805420382
Option 4 ID : 6306805420381
Status : Answered
Chosen Option : 4

Q.18 The Environmental Protection Agency (EPA) uses the Federal Reference Method (FRM) to do
8 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

Question ID : 6306801380281
Option 1 ID : 6306805434461
Option 2 ID : 6306805434462
Option 3 ID : 6306805434460
Option 4 ID : 6306805434459
Status : Answered
Chosen Option : 2

Q.18 How many Sustainable Development Goals (SDGs) have been established by the United Nations?

- Ans ☒ 1. 11
☒ 2. 7
☒ 3. 17
☒ 4. 3

Question ID : 6306801392565
Option 1 ID : 6306805482764
Option 2 ID : 6306805482763
Option 3 ID : 6306805482765
Option 4 ID : 6306805482762
Status : Answered
Chosen Option : 3

Q.19 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

Question ID : 6306801379401
Option 1 ID : 6306805431001
Option 2 ID : 6306805431002
Option 3 ID : 6306805430999
Option 4 ID : 6306805431000
Status : Answered
Chosen Option : 3

Q.19 Which energy source is expected to dominate global energy consumption in the future?

- Ans ☒ 1. Nuclear energy
☒ 2. Coal
☒ 3. Petroleum
☒ 4. Renewable energy

Question ID : 6306801377817
Option 1 ID : 6306805424682
Option 2 ID : 6306805424679
Option 3 ID : 6306805424680
Option 4 ID : 6306805424681
Status : Answered
Chosen Option : 2

Q.19 The human ear can detect frequencies between which of the following ranges?
2

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

Question ID : 6306801381672
Option 1 ID : 6306805439958
Option 2 ID : 6306805439959
Option 3 ID : 6306805439956
Option 4 ID : 6306805439957
Status : Answered
Chosen Option : 1

Q.19 According to 2024 data, which of the following countries is the leading plastic polluter?
3

- Ans ☐ 1. Nigeria
☐ 2. China
☒ 3. India
☐ 4. The US

Question ID : 6306801393882
Option 1 ID : 6306805487939
Option 2 ID : 6306805487937
Option 3 ID : 6306805487936
Option 4 ID : 6306805487938
Status : Answered
Chosen Option : 4

Q.19 In which state is the only floating national park in the world located?
4

- 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 To improve the relationship between people and their environment, the Man and the Biosphere
5 (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

Q.19 The amount of heat produced by complete combustion of unit weight of fuel is known
6 _____.

- 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 Which international standard provides guidelines for conducting Life Cycle Assessment?
7 _____.

- 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 : Answered
Chosen Option : 1

Q.19 Which of the following is a key characteristic of the criteria air pollutants?
8

- 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
Option 4 ID : 6306805408852
Status : Answered
Chosen Option : 2

Q.19 The major cause for the enhanced greenhouse effect for causing global warming is:
9

- 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 Which of the following demands that the financial costs of preventing or remedying the
0 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