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(Civil)
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Participant ID	
Participant Name	
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Test Date	22/07/2023
Test Time	2:00 PM - 5:00 PM
Subject	Junior Engineer (Civil)

Section : General Awareness

Q.1 Which institution is dedicated to the development and promotion of Sanskrit language in India?

- Ans

✓

1. Rashtriya Sanskrit Sansthan

✗

2. Kendriya Sanskrit Vidyapeetha

✗

3. National Council for Promotion of Sanskrit

✗

4. Central Institute of Classical Tamil

Question ID : 630680278348

Option 1 ID : 6306801081749

Option 2 ID : 6306801081750

Option 3 ID : 6306801081751

Option 4 ID : 6306801081752

Status : Answered

Chosen Option : 2

Q.2 Which among the following is not a demographic factor?

- Ans
- ☐ 1. Age
 - ☐ 2. Gender
 - ☐ 3. Ethnicity
 - ☒ 4. Political Affiliation

Question ID : 630680278341
Option 1 ID : 6306801081721
Option 2 ID : 6306801081722
Option 3 ID : 6306801081723
Option 4 ID : 6306801081724
Status : Answered
Chosen Option : 4

Q.3 Who among the following won the title of NSC-CAVA Women's Volleyball Challenge Cup 2023?

- Ans
- ☐ 1. Kazakhstan
 - ☐ 2. Nepal
 - ☒ 3. India
 - ☐ 4. Sri Lanka

Question ID : 630680278326
Option 1 ID : 6306801081661
Option 2 ID : 6306801081662
Option 3 ID : 6306801081663
Option 4 ID : 6306801081664
Status : Answered
Chosen Option : 3

Q.4 "Athma Katha" is a famous autobiography of _____.

- Ans
- ☐ 1. Jawaharlal Nehru
 - ☐ 2. Manmohan Singh
 - ☐ 3. A.P.J. Abdul Kalam
 - ☒ 4. Rajendra Prasad

Question ID : 630680278328
Option 1 ID : 6306801081670
Option 2 ID : 6306801081671
Option 3 ID : 6306801081672
Option 4 ID : 6306801081669
Status : Answered
Chosen Option : 2

Q.5 Who among the following won Formula 1 Monaco Grand Prix 2023?

- Ans
1. Lewis Hamilton

2. Fernando Alonso

3. Esteban Ocon

4. Max Verstappen

Question ID : 630680278327

Option 1 ID : 6306801081668

Option 2 ID : 6306801081666

Option 3 ID : 6306801081667

Option 4 ID : 6306801081665

Status : Answered

Chosen Option : 1

Q.6 Which among the following technologies is used for contactless payments?

- Ans
1. Global Positioning System

2. Radio Frequency Identification

3. Near Field Communication

4. QR codes

Question ID : 630680278321

Option 1 ID : 6306801081644

Option 2 ID : 6306801081643

Option 3 ID : 6306801081641

Option 4 ID : 6306801081642

Status : Answered

Chosen Option : 3

Q.7 The Narmada river rises to the summit of the _____ Hill in Madhya Pradesh state.

- Ans
1. Mahendragiri

2. Aravalli

3. Amarkantak

4. Dhupgarh

Question ID : 630680278337

Option 1 ID : 6306801081708

Option 2 ID : 6306801081705

Option 3 ID : 6306801081706

Option 4 ID : 6306801081707

Status : Answered

Chosen Option : 2

Q.8 What is the literacy rate (approx) of India as per Census 2011?

- Ans ☒ 1. 82%
- ☒ 2. 68%
- ☒ 3. 65%
- ☒ 4. 74%

Question ID : 630680278342
Option 1 ID : 6306801081727
Option 2 ID : 6306801081728
Option 3 ID : 6306801081726
Option 4 ID : 6306801081725
Status : Answered
Chosen Option : 3

Q.9 Who among the following was awarded the prestigious Rajiv Gandhi Khel Ratna Award in 2022?

- Ans ☒ 1. PV Sindhu
- ☒ 2. Neeraj Chopra
- ☒ 3. Virat Kohli
- ☒ 4. Mary Kom

Question ID : 630680278325
Option 1 ID : 6306801081657
Option 2 ID : 6306801081658
Option 3 ID : 6306801081660
Option 4 ID : 6306801081659
Status : Answered
Chosen Option : 3

Q.10 Which among the following languages is not considered as one of the classical languages in India?

- Ans ☒ 1. Telugu
- ☒ 2. Tamil
- ☒ 3. Sanskrit
- ☒ 4. Hindi

Question ID : 630680278333
Option 1 ID : 6306801081692
Option 2 ID : 6306801081690
Option 3 ID : 6306801081691
Option 4 ID : 6306801081689
Status : Answered
Chosen Option : 1

Q.11 The Lahore Session of the Indian National Congress, where the demand for complete independence was made, was held in which year?

- Ans
- ✓ 1. 1929
 - ✗ 2. 1925
 - ✗ 3. 1931
 - ✗ 4. 1920

Question ID : 630680278344
Option 1 ID : 6306801081735
Option 2 ID : 6306801081734
Option 3 ID : 6306801081736
Option 4 ID : 6306801081733
Status : Answered
Chosen Option : 1

Q.12 Which among the following types of unemployment is also known as Search Unemployment?

- Ans
- ✗ 1. Technological Unemployment
 - ✗ 2. Seasonal Unemployment
 - ✗ 3. Disguised Unemployment
 - ✓ 4. Frictional Unemployment

Question ID : 630680278335
Option 1 ID : 6306801081698
Option 2 ID : 6306801081700
Option 3 ID : 6306801081699
Option 4 ID : 6306801081697
Status : Answered
Chosen Option : 1

Q.13 Who is the presiding officer of the Lok Sabha?

- Ans
- ✓ 1. Speaker
 - ✗ 2. President
 - ✗ 3. Vice President
 - ✗ 4. Prime Minister

Question ID : 630680278347
Option 1 ID : 6306801081748
Option 2 ID : 6306801081745
Option 3 ID : 6306801081747
Option 4 ID : 6306801081746
Status : Answered
Chosen Option : 1

Q.14 Which among the following institutions was established to promote and propagate Hindi as well as to develop it as a link language throughout India?

- Ans
- ☒ 1. Central Institute of Indian Languages
 - ☒ 2. National Council for Promotion of Sindhi Language
 - ☒ 3. Central Sanskrit University
 - ☒ 4. Central Hindi Directorate

Question ID : 630680278334
 Option 1 ID : 6306801081693
 Option 2 ID : 6306801081696
 Option 3 ID : 6306801081695
 Option 4 ID : 6306801081694
 Status : Answered
 Chosen Option : 1

Q.15 Which kingdom in South India was known for its naval power and trade dominance in the Indian Ocean during the medieval period?

- Ans
- ☒ 1. Vijayanagara
 - ☒ 2. Pandya
 - ☒ 3. Chalukya
 - ☒ 4. Chola

Question ID : 630680278343
 Option 1 ID : 6306801081729
 Option 2 ID : 6306801081732
 Option 3 ID : 6306801081730
 Option 4 ID : 6306801081731
 Status : Answered
 Chosen Option : 4

Q.16 Who among the following is the first Indian to get the Nobel Prize in Physics?

- Ans
- ☒ 1. Venkatraman Ramakrishnan
 - ☒ 2. C. V Raman
 - ☒ 3. Subrahmanyam Chandrasekhar
 - ☒ 4. Har Govind Khorana

Question ID : 630680278319
 Option 1 ID : 6306801081636
 Option 2 ID : 6306801081633
 Option 3 ID : 6306801081635
 Option 4 ID : 6306801081634
 Status : Answered
 Chosen Option : 2

Q.17 _____ was mainly created to address governmental corruption and to advise the central government in the field of surveillance.

- Ans
- ☐ 1. Central Bureau of Investigation
 - ☐ 2. Anti-Corruption Bureau
 - ☐ 3. Enforcement Directorate
 - ☒ 4. Central Vigilance Commission

Question ID : 630680278322
Option 1 ID : 6306801081645
Option 2 ID : 6306801081648
Option 3 ID : 6306801081646
Option 4 ID : 6306801081647
Status : Answered
Chosen Option : 4

Q.18 Which organization was formed by A.O. Hume in 1885 and played a pivotal role in India's independence movement?

- Ans
- ☐ 1. Revolutionary Socialist Party
 - ☒ 2. Indian National Congress
 - ☐ 3. Muslim League
 - ☐ 4. Forward Bloc

Question ID : 630680278345
Option 1 ID : 6306801081739
Option 2 ID : 6306801081737
Option 3 ID : 6306801081738
Option 4 ID : 6306801081740
Status : Answered
Chosen Option : 2

Q.19 Which among the following statements is false?

- Ans
- ☐ 1. The Tropical Deciduous forests shed their leaves at a particular time of the year.
 - ☐ 2. Thorny Bushes have their leaves shaped in the form of spines which helps them to reduce the loss of water.
 - ☐ 3. The Tropical Rain Forests are found in the areas receiving heavy rainfall
 - ☒ 4. The Mangrove Forests can not survive in saline water.

Question ID : 630680278338
Option 1 ID : 6306801081710
Option 2 ID : 6306801081712
Option 3 ID : 6306801081711
Option 4 ID : 6306801081709
Status : Answered
Chosen Option : 4

Q.20 Which among the following is an interconnected problem with poverty in India?

- Ans

 1. Corruption

 2. Unemployment

 3. Bribery

 4. Gender Discrimination

Question ID : 630680278324
 Option 1 ID : 6306801081656
 Option 2 ID : 6306801081653
 Option 3 ID : 6306801081655
 Option 4 ID : 6306801081654
 Status : Answered
 Chosen Option : 2

Q.21 Which among the following regulatory bodies is responsible for overseeing microfinance institutions in India?

- Ans

 1. Securities and Exchange Board of India

 2. National Bank for Agriculture and Rural Development

 3. Small Industries Development Bank of India

 4. Reserve Bank of India

Question ID : 630680278336
 Option 1 ID : 6306801081702
 Option 2 ID : 6306801081703
 Option 3 ID : 6306801081704
 Option 4 ID : 6306801081701
 Status : Answered
 Chosen Option : 2

Q.22 Who among the following has been awarded the 57th Jnanpith Award?

- Ans

 1. Krishna Sobti

 2. Nilamani Phukan

 3. Damodar Mauzo

 4. Amitav Ghosh

Question ID : 630680278329
 Option 1 ID : 6306801081676
 Option 2 ID : 6306801081673
 Option 3 ID : 6306801081674
 Option 4 ID : 6306801081675
 Status : Answered
 Chosen Option : 4

Q.23 The Wangala Festival is the biggest harvest festival celebrated in which of the following states?

- Ans
- ☒ 1. Sikkim
 - ☒ 2. Meghalaya
 - ☒ 3. Nagaland
 - ☒ 4. Manipur

Question ID : 630680278331
Option 1 ID : 6306801081684
Option 2 ID : 6306801081683
Option 3 ID : 6306801081682
Option 4 ID : 6306801081681
Status : Answered
Chosen Option : 1

Q.24 Which government initiative aims to enhance the participation of women in science and technology and bridge the gender gap in the sector?

- Ans
- ☒ 1. Beti Bachao Beti Padhao
 - ☒ 2. Vigyan Jyoti
 - ☒ 3. Pradhan Mantri Ujjwala Yojana
 - ☒ 4. Pradhan Mantri Bhartiya Janaushadhi Pariyojana

Question ID : 630680278320
Option 1 ID : 6306801081637
Option 2 ID : 6306801081640
Option 3 ID : 6306801081638
Option 4 ID : 6306801081639
Status : Answered
Chosen Option : 2

Q.25 The _____ Constitutional Amendment Act brought in a 10% reservation for Economically Weaker Sections (EWS) of society other than Backward Classes, Scheduled Castes, and Scheduled Tribes for admission to central government and private educational institutions and recruitment in central government jobs.

- Ans
- ☒ 1. 98
 - ☒ 2. 120
 - ☒ 3. 103
 - ☒ 4. 115

Question ID : 630680278323
Option 1 ID : 6306801081649
Option 2 ID : 6306801081652
Option 3 ID : 6306801081650
Option 4 ID : 6306801081651
Status : Answered
Chosen Option : 3

Q.26 The Finance Commission of India is elected by the President under Article _____ of the constitution.

- Ans
- ☒ 1. 225
 - ☒ 2. 295
 - ☒ 3. 250
 - ☒ 4. 280

Question ID : 630680278346
Option 1 ID : 6306801081743
Option 2 ID : 6306801081744
Option 3 ID : 6306801081742
Option 4 ID : 6306801081741
Status : Answered
Chosen Option : 4

Q.27 The cyclone is also known as Taifu in which of the following regions?

- Ans
- ☒ 1. Australia
 - ☒ 2. USA
 - ☒ 3. Japan
 - ☒ 4. Philippines

Question ID : 630680278339
Option 1 ID : 6306801081716
Option 2 ID : 6306801081714
Option 3 ID : 6306801081713
Option 4 ID : 6306801081715
Status : Answered
Chosen Option : 2

Q.28 When was the first Census conducted in India?

- Ans
- ☒ 1. 1881
 - ☒ 2. 1891
 - ☒ 3. 1901
 - ☒ 4. 1921

Question ID : 630680278340
Option 1 ID : 6306801081717
Option 2 ID : 6306801081718
Option 3 ID : 6306801081719
Option 4 ID : 6306801081720
Status : Answered
Chosen Option : 1

Q.29 Ugadi which marks the beginning of the traditional New Year is celebrated in which of the following states?

- Ans
- ☒ 1. West Bengal
 - ☒ 2. Gujarat
 - ☒ 3. Tamil Nadu
 - ☒ 4. Karnataka

Question ID : 630680278330
 Option 1 ID : 6306801081679
 Option 2 ID : 6306801081680
 Option 3 ID : 6306801081678
 Option 4 ID : 6306801081677
 Status : Answered
 Chosen Option : 2

Q.30 Navratri is celebrated in the Hindu month of _____.

- Ans
- ☒ 1. Magha
 - ☒ 2. Kartika
 - ☒ 3. Ashvin
 - ☒ 4. Vaishakha

Question ID : 630680278332
 Option 1 ID : 6306801081685
 Option 2 ID : 6306801081687
 Option 3 ID : 6306801081686
 Option 4 ID : 6306801081688
 Status : Answered
 Chosen Option : 4

Section : Reasoning

Q.1 From the given answer figures, select the one in which the question figure is embedded.



Ans

- ✓ 1.
- ✗ 2.
- ✗ 3.
- ✗ 4.

Question ID : 630680278376
Option 1 ID : 6306801081864
Option 2 ID : 6306801081862
Option 3 ID : 6306801081861
Option 4 ID : 6306801081863
Status : Answered
Chosen Option : 1

Q.2 Iqbal, Farhan, Mehak and Suhana are sitting around a square table. Iqbal is to the right of Farhan. Mehak is to the left of Suhana. Which of the persons mentioned in the options is sitting opposite to each other?

- Ans ✓ 1. Iqbal - Suhana
- ✗ 2. Iqbal - Farhan
- ✗ 3. Mehak - Iqbal
- ✗ 4. Farhan - Suhana

Question ID : 630680278372
Option 1 ID : 6306801081846
Option 2 ID : 6306801081847
Option 3 ID : 6306801081848
Option 4 ID : 6306801081845
Status : Answered
Chosen Option : 1

Q.3 Select the option that is related to the third word in the same way as the second word is related to the first word.
Television: Remote : : Desktop: ?

- Ans
- ☒ 1. Monitor
 - ☒ 2. Charger
 - ☒ 3. Mouse
 - ☒ 4. Scanner

Question ID : 630680278362
Option 1 ID : 6306801081806
Option 2 ID : 6306801081805
Option 3 ID : 6306801081807
Option 4 ID : 6306801081808
Status : Answered
Chosen Option : 3

Q.4 Which two numbers should be interchanged to make the given equation correct?
 $7 \times 9 + 5 - 8 \div 2 = 40$

- Ans
- ☒ 1. 5 & 8
 - ☒ 2. 7 & 8
 - ☒ 3. 5 & 9
 - ☒ 4. 8 & 40

Question ID : 630680278349
Option 1 ID : 6306801081755
Option 2 ID : 6306801081754
Option 3 ID : 6306801081753
Option 4 ID : 6306801081756
Status : Answered
Chosen Option : 3

Q.5 How many symbols are there in the given series that are immediately preceded by a consonant and immediately followed by a vowel?
@ G M A # E R Q & O T U I %

- Ans
- ☒ 1. 1
 - ☒ 2. 2
 - ☒ 3. 3
 - ☒ 4. 0

Question ID : 630680278356
Option 1 ID : 6306801081782
Option 2 ID : 6306801081781
Option 3 ID : 6306801081783
Option 4 ID : 6306801081784
Status : Answered
Chosen Option : 1

Q.6 Sam wears different coloured hats namely Yellow, Green, Black, Blue, and Orange on different days of the week from Monday- Friday.
He wears a Yellow hat two days after wearing a black hat. He wears an Orange hat on Wednesday. He wears a blue hat after wearing a yellow hat. On which day does he wear the green hat?

- Ans
- ☒ 1. Thursday
 - ☒ 2. Friday
 - ☒ 3. Monday
 - ☒ 4. Tuesday

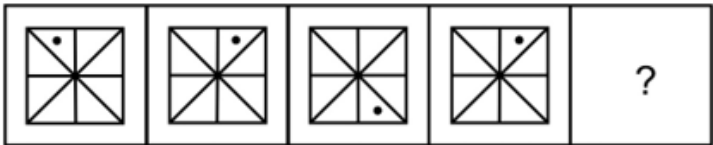
Question ID : 630680278367
Option 1 ID : 6306801081826
Option 2 ID : 6306801081828
Option 3 ID : 6306801081827
Option 4 ID : 6306801081825
Status : Answered
Chosen Option : 4

Q.7 Six brothers Tam, Ram, Sam, Pam, Ham, and Dam are sitting on a straight bench facing north. Ram is sitting at one of the corners. Only Pam sits to the right of Ham. Tam sits exactly in between Dam and Sam. Sam does not sit next to Ham. Who sits to the immediate right of Dam?

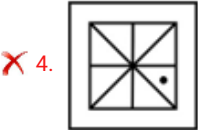
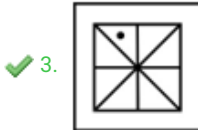
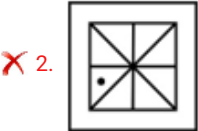
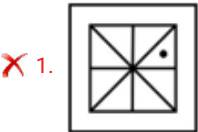
- Ans
- ☒ 1. Pam
 - ☒ 2. Tam
 - ☒ 3. Ham
 - ☒ 4. Ram

Question ID : 630680278371
Option 1 ID : 6306801081842
Option 2 ID : 6306801081843
Option 3 ID : 6306801081841
Option 4 ID : 6306801081844
Status : Answered
Chosen Option : 3

Q.8 Which of the following answer figure completes the question figure?



Ans





Question ID : 630680278378
 Option 1 ID : 6306801081870
 Option 2 ID : 6306801081872
 Option 3 ID : 6306801081869
 Option 4 ID : 6306801081871
 Status : Answered
 Chosen Option : 3

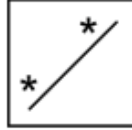
Q.9 Choose the figure which is different from the rest.


Ans

- ✗ 1.


- ✗ 2.


- ✓ 3.


- ✗ 4.



Question ID : 630680278377
Option 1 ID : 6306801081866
Option 2 ID : 6306801081868
Option 3 ID : 6306801081867
Option 4 ID : 6306801081865
Status : Answered
Chosen Option : 3

Q.10 How many symbols are there in the given series that are immediately preceded by a number and immediately followed by a symbol?
1 @ 2 # \$ 8 * 4 ^ 2 9 3 % * 4 & 5

Ans

- ✗ 1. 3
- ✗ 2. 1
- ✗ 3. 4
- ✓ 4. 2

Question ID : 630680278355
Option 1 ID : 6306801081778
Option 2 ID : 6306801081779
Option 3 ID : 6306801081780
Option 4 ID : 6306801081777
Status : Answered
Chosen Option : 4

Q.11 Sunil ranks 5th from the top in his class and 23rd from the bottom. Find the total number of students in his class.

- Ans
- ☒ 1. 29
 - ☒ 2. 30
 - ☒ 3. 27
 - ☒ 4. 28

Question ID : 630680278369
Option 1 ID : 6306801081835
Option 2 ID : 6306801081836
Option 3 ID : 6306801081834
Option 4 ID : 6306801081833
Status : Answered
Chosen Option : 3

Q.12 Four words have been given, out of which three are alike in some manner and one is different. Select the word.

- Ans
- ☒ 1. Cushion
 - ☒ 2. Wire
 - ☒ 3. Mattress
 - ☒ 4. Blanket

Question ID : 630680278365
Option 1 ID : 6306801081818
Option 2 ID : 6306801081820
Option 3 ID : 6306801081819
Option 4 ID : 6306801081817
Status : Answered
Chosen Option : 2

Q.13 Four word pairs have been given, out of which three are alike in some manner and one is different. Select the odd word pair.

- Ans
- ☒ 1. Destroy: Demolish
 - ☒ 2. Beautiful: Gorgeous
 - ☒ 3. Predicament: Sprint
 - ☒ 4. Lazy: Indolent

Question ID : 630680278366
Option 1 ID : 6306801081823
Option 2 ID : 6306801081821
Option 3 ID : 6306801081822
Option 4 ID : 6306801081824
Status : Answered
Chosen Option : 3

Q.14 Which of the following numbers will replace the question mark (?) in the given series?
121, 243, 488, 979, ?

- Ans

1. 1834

2. 2028

3. 1890

4. 1962

Question ID : 630680278351
 Option 1 ID : 6306801081761
 Option 2 ID : 6306801081763
 Option 3 ID : 6306801081764
 Option 4 ID : 6306801081762
 Status : Answered
 Chosen Option : 4

Q.15 Three Statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statements:
Some triangles are squares.
Some squares are rectangles.
No rectangle is a rhombus.
Conclusions:
I. Some triangles are rhombus.
II. No square is a rhombus.

- Ans

1. Neither conclusion I nor II follows

2. Both conclusions I and II follow

3. Only conclusion I follows

4. Only conclusion II follows

Question ID : 630680278374
 Option 1 ID : 6306801081856
 Option 2 ID : 6306801081855
 Option 3 ID : 6306801081853
 Option 4 ID : 6306801081854
 Status : Answered
 Chosen Option : 4

Q.16 Calculate the product of 9.567 and 4.236 and round the answer to three decimal places.

- Ans

1. 45.553

2. 40.526

3. 43.553

4. 40.353

Question ID : 630680278350
 Option 1 ID : 6306801081759
 Option 2 ID : 6306801081757
 Option 3 ID : 6306801081760
 Option 4 ID : 6306801081758
 Status : Answered
 Chosen Option : 2

Q.17 Two statements are given followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:
 All papers are books.
 All books are pens.
 Conclusions:
 I. Some papers are books.
 II. Some pens are papers.

- Ans
- ☐

1. Only conclusion II follows
- ☐

2. Only conclusion I follows
- ☐

3. Neither conclusion I nor II follows
- ☒

4. Both conclusions I and II follow

Question ID : 630680278373

Option 1 ID : 6306801081850

Option 2 ID : 6306801081849

Option 3 ID : 6306801081852

Option 4 ID : 6306801081851

Status : Answered

Chosen Option : 1

Q.18 In a class of 100 students, Ayush is 25th from the top and Sara is 60th from the bottom. How many students are in between them?

- Ans
- ☐

1. 21
- ☐

2. 16
- ☒

3. 15
- ☐

4. 20

Question ID : 630680278368

Option 1 ID : 6306801081832

Option 2 ID : 6306801081829

Option 3 ID : 6306801081830

Option 4 ID : 6306801081831

Status : Answered

Chosen Option : 3

Q.19 Select the option that is related to the third word in the same way as the second word is related to the first word.
 Captain: Ship :: Director : ?

- Ans
- ☐

1. Producer
- ☒

2. Film
- ☐

3. Mathematics
- ☐

4. Writer

Question ID : 630680278363

Option 1 ID : 6306801081812

Option 2 ID : 6306801081810

Option 3 ID : 6306801081809

Option 4 ID : 6306801081811

Status : Answered

Chosen Option : 2

Q.20 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster.

- Ans ☒ 1. PSVY
☐ 2. HJMQ
☐ 3. BDGK
☐ 4. MORV

Question ID : 630680278364
Option 1 ID : 6306801081815
Option 2 ID : 6306801081814
Option 3 ID : 6306801081813
Option 4 ID : 6306801081816
Status : Answered
Chosen Option : 1

Q.21 If 'M × N' means 'M is the father of N'.
If 'M + N' means 'M is the wife of N'.
If 'M ÷ N' means 'M is the son of N'.
If 'M – N' means 'M is the daughter of N'.
How is A related to D in the expression 'A × B ÷ C – D'.

- Ans ☐ 1. Son
☒ 2. Son-in-law
☐ 3. Father-in-law
☐ 4. Father

Question ID : 630680278357
Option 1 ID : 6306801081787
Option 2 ID : 6306801081785
Option 3 ID : 6306801081786
Option 4 ID : 6306801081788
Status : Answered
Chosen Option : 2

Q.22 In the question, a statement is given, followed by two conclusions, I and II. You have to decide which of the given conclusions, if any, follows from the given statement.
Statement: $M < N < P = Q > R$
Conclusion I: $M = Q$
Conclusion II: $P > R$

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

Question ID : 630680278359
Option 1 ID : 6306801081795
Option 2 ID : 6306801081793
Option 3 ID : 6306801081796
Option 4 ID : 6306801081794
Status : Answered
Chosen Option : 4

Q.23 Which of the following numbers will replace the question mark (?) in the given series?
2, 17, 82, ?, 626

- Ans
- ☒

1. 126
- ☒

2. 226
- ☒

3. 212
- ☒

4. 257

Question ID : 630680278352
 Option 1 ID : 6306801081767
 Option 2 ID : 6306801081766
 Option 3 ID : 6306801081768
 Option 4 ID : 6306801081765
 Status : Answered
 Chosen Option : 4

Q.24 Arrange the given words in the alphabetical order.
1. Penguin
2. Parrot
3. Panda
4. Pelican

- Ans
- ☒

1. 1234
- ☒

2. 1243
- ☒

3. 1432
- ☒

4. 3241

Question ID : 630680278354
 Option 1 ID : 6306801081774
 Option 2 ID : 6306801081775
 Option 3 ID : 6306801081776
 Option 4 ID : 6306801081773
 Status : Answered
 Chosen Option : 4

Q.25 In the question, a statement is given, followed by two conclusions, I and II. You have to decide which of the given conclusions, if any, follows from the given statement. Here the symbols %, @, #, &, \$ are used. All the symbols define the following meanings.
M # N means that 'M is equal to N'
M & N means that 'M is greater than N'
M \$ N means that 'M is greater than or equal to N'
M % N means that 'M is smaller than N'
M @ N means that 'M is smaller than or equal to N'
Statement: A # B & C @ D % E % F
Conclusion I: A % F
Conclusion II: C # E

- Ans
- ☒

1. Neither I nor II follows
- ☒

2. Only I follows
- ☒

3. Only II follows
- ☒

4. Both I and II follows

Question ID : 630680278360
 Option 1 ID : 6306801081800
 Option 2 ID : 6306801081797
 Option 3 ID : 6306801081798
 Option 4 ID : 6306801081799
 Status : Answered
 Chosen Option : 2

Q.26 Select the option that is related to the third number-letter cluster in the same way as the second number-letter cluster is related to the first number-letter cluster.
STEM : E57 :: PINK : ?

- Ans
- ✓ 1. I50
 - ✗ 2. I44
 - ✗ 3. K50
 - ✗ 4. P44

Question ID : 630680278361
Option 1 ID : 6306801081802
Option 2 ID : 6306801081801
Option 3 ID : 6306801081804
Option 4 ID : 6306801081803
Status : Answered
Chosen Option : 1

Q.27 Alexa, Brian, Celia, Daisy, and Emma are five sisters sitting around a circular table facing the centre. Daisy sits to the immediate right of Alexa. Celia is not sitting next to Daisy or Alexa. Emma is sitting to the immediate right of Celia. Who is sitting to the immediate right of Daisy?

- Ans
- ✗ 1. Emma
 - ✗ 2. Celia
 - ✗ 3. Alexa
 - ✓ 4. Brian

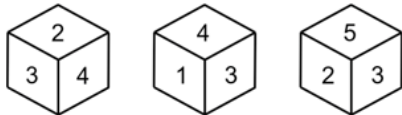
Question ID : 630680278370
Option 1 ID : 6306801081839
Option 2 ID : 6306801081837
Option 3 ID : 6306801081840
Option 4 ID : 6306801081838
Status : Answered
Chosen Option : 4

Q.28 Mark is the son of Susan's father's wife. What is Mark's relationship with Susan?

- Ans
- ✓ 1. Brother
 - ✗ 2. Uncle
 - ✗ 3. Father
 - ✗ 4. Son

Question ID : 630680278358
Option 1 ID : 6306801081791
Option 2 ID : 6306801081792
Option 3 ID : 6306801081789
Option 4 ID : 6306801081790
Status : Answered
Chosen Option : 1

Q.29 Three different positions of the same dice are given below. Find the number opposite of 4.



- Ans
- ☒ 1. 5
 - ☐ 2. 1
 - ☐ 3. 3
 - ☐ 4. 2

Question ID : 630680278375
 Option 1 ID : 6306801081857
 Option 2 ID : 6306801081859
 Option 3 ID : 6306801081860
 Option 4 ID : 6306801081858
 Status : Answered
 Chosen Option : 1

Q.30 How many pairs of letters in the word "DISCIPLINE" have the same number of letters between them as in the alphabetical order?

- Ans
- ☐ 1. One
 - ☐ 2. Four
 - ☐ 3. Three
 - ☒ 4. Two

Question ID : 630680278353
 Option 1 ID : 6306801081771
 Option 2 ID : 6306801081772
 Option 3 ID : 6306801081770
 Option 4 ID : 6306801081769
 Status : Answered
 Chosen Option : 4

Section : Domain Knowledge

Q.1 Which of the following formulae represent the volume of concrete needed for a Rectangular footing?


L= Length
 B= Breadth
 H= Height


- Ans
- ☐ 1. $L + B + H$
 - ☐ 2. $L - B \times H$
 - ☐ 3. $L - B + H$
 - ☒ 4. $L \times B \times H$


Question ID : 630680277695
 Option 1 ID : 6306801079137
 Option 2 ID : 6306801079140
 Option 3 ID : 6306801079139
 Option 4 ID : 6306801079138
 Status : Answered
 Chosen Option : 4


Q.2 Read the following statements about Moment distribution method.
 A. Statically determinate beams are analysed using this method.
 B. Fixed end moments are calculated.
 Identify the INCORRECT statement/statements.

- Ans

 1. Neither A nor B

 2. Only B


 3. Both A and B


 4. Only A


Question ID : 630680277767
 Option 1 ID : 6306801079428
 Option 2 ID : 6306801079426
 Option 3 ID : 6306801079425
 Option 4 ID : 6306801079427
 Status : Answered
 Chosen Option : 1


Q.3 Read the following statements about the layout of Head Diversion works.
 A. The material of construction such as stone, sand, etc. should be available in the vicinity of the site.
 B. The site should be accessible by road.
 Identify the INCORRECT statement.

- Ans

 1. Both A and B

 2. Neither A nor B

 3. Only A

 4. Only B

Question ID : 630680277724
 Option 1 ID : 6306801079253
 Option 2 ID : 6306801079254
 Option 3 ID : 6306801079255
 Option 4 ID : 6306801079256
 Status : Answered
 Chosen Option : 2

Q.4 Which of the following index properties of soil is the measure of shear strength of soil at the plastic limit?

- Ans

 1. Flow index

 2. Toughness index

 3. Consistency index

 4. Plasticity index

Question ID : 630680277740
 Option 1 ID : 6306801079319
 Option 2 ID : 6306801079320
 Option 3 ID : 6306801079318
 Option 4 ID : 6306801079317
 Status : Answered
 Chosen Option : 4

Q.5 Which of the following pollutant of air is produced in the manufacturing of phosphate fertilizers?

- Ans
- ☒ 1. Carbon Monoxide
 - ☒ 2. Hydrogen Fluoride
 - ☒ 3. Oxides of Nitrogen
 - ☒ 4. Hydrogen Sulphide

Question ID : 630680277687
Option 1 ID : 6306801079107
Option 2 ID : 6306801079106
Option 3 ID : 6306801079108
Option 4 ID : 6306801079105
Status : Answered
Chosen Option : 2

Q.6 In which of the parts of a gravity dam is the water pressure maximum?

- Ans
- ☒ 1. Heel
 - ☒ 2. Downstream side
 - ☒ 3. Upstream side
 - ☒ 4. Toe

Question ID : 630680277758
Option 1 ID : 6306801079389
Option 2 ID : 6306801079391
Option 3 ID : 6306801079392
Option 4 ID : 6306801079390
Status : Answered
Chosen Option : 4

Q.7 Which of the following is NOT a secondary air pollutant?

- Ans
- ☒ 1. Halogens
 - ☒ 2. Acid mists
 - ☒ 3. Ozone
 - ☒ 4. Photochemical smog

Question ID : 630680277682
Option 1 ID : 6306801079088
Option 2 ID : 6306801079087
Option 3 ID : 6306801079085
Option 4 ID : 6306801079086
Status : Answered
Chosen Option : 4

Q.8 In which of the Concreting operations are the air bubbles eliminated from the freshly placed concrete?

- Ans

☒

1. Batching

☒

2. Curing

☒

3. Transportation

☒

4. Compaction

Question ID : 630680277648

Option 1 ID : 6306801078950

Option 2 ID : 6306801078949

Option 3 ID : 6306801078952

Option 4 ID : 6306801078951

Status : Answered

Chosen Option : 4

Q.9 In which of the following buildings is the Plinth Area Method NOT used?

- Ans

☒

1. Hospitals

☒

2. Garbage shaft

☒

3. Office buildings

☒

4. School buildings

Question ID : 630680277692

Option 1 ID : 6306801079125

Option 2 ID : 6306801079128

Option 3 ID : 6306801079127

Option 4 ID : 6306801079126

Status : Answered

Chosen Option : 2

Q.10 Which of the following types of curves plays an important role in the double deflection method?

- Ans

☒

1. Transition curve

☒

2. Circular curve

☒

3. Plastic curve

☒

4. Elastic curve

Question ID : 630680277765

Option 1 ID : 6306801079420

Option 2 ID : 6306801079418

Option 3 ID : 6306801079419

Option 4 ID : 6306801079417

Status : Answered

Chosen Option : 1

Q.11 Which of the following is NOT a Mechanical property of Construction materials?

- Ans
- ☒ 1. Strength
 - ☒ 2. Plasticity
 - ☒ 3. Creep
 - ☒ 4. Durability

Question ID : 630680277655
 Option 1 ID : 6306801078978
 Option 2 ID : 6306801078980
 Option 3 ID : 6306801078977
 Option 4 ID : 6306801078979
 Status : Answered
 Chosen Option : 1

Q.12 Which of the following types of dams are constructed for flood control?

- Ans
- ☒ 1. Detention dams
 - ☒ 2. Debris dams
 - ☒ 3. Diversion dams
 - ☒ 4. Storage dams

Question ID : 630680277722
 Option 1 ID : 6306801079246
 Option 2 ID : 6306801079247
 Option 3 ID : 6306801079248
 Option 4 ID : 6306801079245
 Status : Answered
 Chosen Option : 3

Q.13 Which of the following ranges of noise intensity causes permanent ear damage?

- Ans
- ☒ 1. 30
 - ☒ 2. 100
 - ☒ 3. 10
 - ☒ 4. 180

Question ID : 630680277689
 Option 1 ID : 6306801079114
 Option 2 ID : 6306801079115
 Option 3 ID : 6306801079113
 Option 4 ID : 6306801079116
 Status : Answered
 Chosen Option : 4

Q.14 Which of the following selection properties of Construction materials means handling power?

- Ans
- ☒ 1. Ductility
 - ☒ 2. Workability
 - ☒ 3. Strength
 - ☒ 4. Cost

Question ID : 630680277664
Option 1 ID : 6306801079014
Option 2 ID : 6306801079016
Option 3 ID : 6306801079013
Option 4 ID : 6306801079015
Status : Answered
Chosen Option : 3

Q.15 Which of the following grades of OPC is used in construction of runways?

- Ans
- ☒ 1. OPC 33
 - ☒ 2. OPC 63
 - ☒ 3. OPC 43
 - ☒ 4. OPC 53

Question ID : 630680277647
Option 1 ID : 6306801078945
Option 2 ID : 6306801078948
Option 3 ID : 6306801078946
Option 4 ID : 6306801078947
Status : Answered
Chosen Option : 4

Q.16 Which of the following particles are coarser than Gravel?

- Ans
- ☒ 1. Clay
 - ☒ 2. Sand
 - ☒ 3. Cobble
 - ☒ 4. Silt

Question ID : 630680277741
Option 1 ID : 6306801079323
Option 2 ID : 6306801079321
Option 3 ID : 6306801079324
Option 4 ID : 6306801079322
Status : Answered
Chosen Option : 3

Q.17 Read the following statements about Bernoulli's equation.
A. The equation explains that, if an increase in the speed of a fluid occurs, there will be a decrease in static pressure or a decrease in the fluid's potential energy.
B. For flow inside horizontal pipes, where elevation head z is constant; the velocity increase will cause a decrease in pressure.
Which of the following are CORRECT?

- Ans
- ☒ 1. Neither A nor B
 - ☒ 2. Only B
 - ☒ 3. Both A and B
 - ☒ 4. Only A

Question ID : 630680277715
Option 1 ID : 6306801079219
Option 2 ID : 6306801079218
Option 3 ID : 6306801079220
Option 4 ID : 6306801079217
Status : Answered
Chosen Option : 1

Q.18 Which of the following is NOT a use of contour interval?

- Ans
- ☒ 1. When a small area is to be mapped in small piece of paper contour intervals are used.
 - ☒ 2. Earthwork estimations for any type of structure like bridges, dams or roads can be found out with the help of contour intervals in a map.
 - ☒ 3. When a large area is to be mapped in small piece of paper contour intervals are used.
 - ☒ 4. In a large map, index contour lines are less to keep it simple to read the map easily.

Question ID : 630680277749
Option 1 ID : 6306801079354
Option 2 ID : 6306801079355
Option 3 ID : 6306801079353
Option 4 ID : 6306801079356
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.19 Which of the following types of solid wastes are generated from Single and multifamily dwellings?

- Ans
- ☒ 1. Industrial
 - ☒ 2. Commercial
 - ☒ 3. Residential
 - ☒ 4. Agricultural

Question ID : 630680277686
Option 1 ID : 6306801079102
Option 2 ID : 6306801079103
Option 3 ID : 6306801079104
Option 4 ID : 6306801079101
Status : Answered
Chosen Option : 3

Q.20 Which of the following types of signals are used to warn the traffic?

- Ans
- ☒ 1. Pedestrian signals
 - ☒ 2. Manually operated signals
 - ☒ 3. Flashing beacon
 - ☒ 4. Fixed time signals

Question ID : 630680277770
 Option 1 ID : 6306801079437
 Option 2 ID : 6306801079438
 Option 3 ID : 6306801079439
 Option 4 ID : 6306801079440
 Status : Answered
 Chosen Option : 4

Q.21 Which of the following is a disadvantage of Hoffman Kiln?

- Ans
- ☒ 1. High initial cost of construction
 - ☒ 2. Regulation of heat
 - ☒ 3. Uniform burning of brick
 - ☒ 4. Fuel economy

Question ID : 630680277666
 Option 1 ID : 6306801079023
 Option 2 ID : 6306801079021
 Option 3 ID : 6306801079024
 Option 4 ID : 6306801079022
 Status : Answered
 Chosen Option : 1

Q.22 Which of the following Orifices for measuring discharge is NOT classified on the basis of its shape?

- Ans
- ☒ 1. Large
 - ☒ 2. Triangular
 - ☒ 3. Circular
 - ☒ 4. Rectangular

Question ID : 630680277711
 Option 1 ID : 6306801079202
 Option 2 ID : 6306801079204
 Option 3 ID : 6306801079203
 Option 4 ID : 6306801079201
 Status : Answered
 Chosen Option : 1

Q.23 Which of the following statement/statements about Limit State of Serviceability is CORRECT?
 A. The condition under which the building analysed useful is called the limit state of serviceability in civil engineering.
 B. If the structure is not used if it is not serviceable
 C. Based on the most critical limit the structure should be designed and after that checked other limit states.

- Ans ☒ 1. Both A and C
☒ 2. A, B and C
☒ 3. Only A
☒ 4. Only C

Question ID : 630680277670
 Option 1 ID : 6306801079038
 Option 2 ID : 6306801079040
 Option 3 ID : 6306801079037
 Option 4 ID : 6306801079039
 Status : Not Attempted and Marked For Review
 Chosen Option : --

Q.24 Which of the following graphs are developed to represent several unit hydrographs?

- Ans ☒ 1. Dimensionless unit hydrograph
☒ 2. Natural hydrograph
☒ 3. Unit hydrograph
☒ 4. Synthetic hydrograph

Question ID : 630680277717
 Option 1 ID : 6306801079228
 Option 2 ID : 6306801079225
 Option 3 ID : 6306801079227
 Option 4 ID : 6306801079226
 Status : Answered
 Chosen Option : 3

Q.25 The tacheometric constant $k = f/i$ is also known as:

- Ans ☒ 1. Dividing constant
☒ 2. Multiplying constant
☒ 3. Subtractive constant
☒ 4. Additive constant

Question ID : 630680277750
 Option 1 ID : 6306801079358
 Option 2 ID : 6306801079360
 Option 3 ID : 6306801079359
 Option 4 ID : 6306801079357
 Status : Answered
 Chosen Option : 2

Q.26 Read the following about the analysis of rates:
A. To work out the actual cost of per unit of the items.
B. To work out the cost of extra items which are not provided in the contract bond, but are to be done as per the directions of the department.
Which of the following are CORRECT?

- Ans ☒ 1. Both A and B
☒ 2. Only A
☒ 3. Only B
☒ 4. Neither A nor B

Question ID : 630680277693
Option 1 ID : 6306801079132
Option 2 ID : 6306801079129
Option 3 ID : 6306801079130
Option 4 ID : 6306801079131
Status : Answered
Chosen Option : 1

Q.27 Which of the following factors is NOT responsible for reinforcement anchorage?

- Ans ☒ 1. Ribs interlocking with the concrete
☒ 2. Concrete shear strength
☒ 3. Steel tensile strength
☒ 4. Concrete and Steel adhesion

Question ID : 630680277678
Option 1 ID : 6306801079070
Option 2 ID : 6306801079072
Option 3 ID : 6306801079071
Option 4 ID : 6306801079069
Status : Answered
Chosen Option : 2

Q.28 Read the following statements about the Neutral axis of a beam.
A. Neutral axis separates the compression and tension zones in the beam.
B. To avoid the brittle failure of concrete, keep the maximum depth of the neutral axis always less than the neutral axis.
Which of the statement/statements are INCORRECT?

- Ans ☒ 1. Only B
☒ 2. Neither A nor B
☒ 3. Only A
☒ 4. Both A and B

Question ID : 630680277671
Option 1 ID : 6306801079042
Option 2 ID : 6306801079044
Option 3 ID : 6306801079041
Option 4 ID : 6306801079043
Status : Answered
Chosen Option : 1

Q.29 Which of the following is responsible for major losses in pipes?

- Ans

 1. Valves

 2. Friction


 3. Joints


 4. Bends


Question ID : 630680277710
 Option 1 ID : 6306801079198
 Option 2 ID : 6306801079197
 Option 3 ID : 6306801079200
 Option 4 ID : 6306801079199
 Status : Answered
 Chosen Option : 2


Q.30 Read the following statements about Bernoulli equation.
 A. The Bernoulli Equation can be considered to be a statement of the conservation of energy principle appropriate for flowing fluids.
 B. In the high velocity flow through the constriction, kinetic energy must increase at the expense of pressure energy.
 Which of the given statement/statements are CORRECT?

- Ans

 1. Neither A nor B

 2. Only A

 3. Both A and B

 4. Only B

Question ID : 630680277709
 Option 1 ID : 6306801079196
 Option 2 ID : 6306801079193
 Option 3 ID : 6306801079195
 Option 4 ID : 6306801079194
 Status : Answered
 Chosen Option : 2

Q.31 What is the height of RCC chimneys commonly used?

- Ans

 1. 10 - 20m

 2. 50 - 100m

 3. 5 - 10m

 4. 100 - 200m

Question ID : 630680277757
 Option 1 ID : 6306801079385
 Option 2 ID : 6306801079388
 Option 3 ID : 6306801079387
 Option 4 ID : 6306801079386
 Status : Answered
 Chosen Option : 4

Q.32 Read the following about the factors on which rates of items depends.
 A. Quantity of materials and their costs
 B. Cost of labours and their wages
 C. Overhead and establishment charges
 Which of the following are CORRECT?

- Ans

☒

1. Only C

☒

2. Only A

☒

3. Both A and C

☒

4. A,B and C

Question ID : 630680277696
 Option 1 ID : 6306801079143
 Option 2 ID : 6306801079141
 Option 3 ID : 6306801079142
 Option 4 ID : 6306801079144
 Status : Answered
 Chosen Option : 4

Q.33 Which of the following items of work includes bending and binding in position and is measured in quintal?

- Ans

☒

1. Steel work

☒

2. Excavation

☒

3. Plastering work

☒

4. Clearing of site

Question ID : 630680277701
 Option 1 ID : 6306801079161
 Option 2 ID : 6306801079163
 Option 3 ID : 6306801079164
 Option 4 ID : 6306801079162
 Status : Answered
 Chosen Option : 1

Q.34 Which of the following is a Mechanical property of construction materials?

- Ans

☒

1. Hardness

☒

2. Specific gravity

☒

3. Frost resistance

☒

4. Hygroscopicity

Question ID : 630680277667
 Option 1 ID : 6306801079026
 Option 2 ID : 6306801079028
 Option 3 ID : 6306801079027
 Option 4 ID : 6306801079025
 Status : Answered
 Chosen Option : 2

Q.35 How many tests can be performed in order to find the fineness of cement?

- Ans ☒ 1. 2
☒ 2. 20
☒ 3. 1
☒ 4. 10

Question ID : 630680277645
 Option 1 ID : 6306801078939
 Option 2 ID : 6306801078940
 Option 3 ID : 6306801078938
 Option 4 ID : 6306801078937
 Status : Answered
 Chosen Option : 1

Q.36 Which of the following is NOT a type of Horizontal curve?

- Ans ☒ 1. Spiral curve
☒ 2. Crest curve
☒ 3. Simple curve
☒ 4. Compound curve

Question ID : 630680277778
 Option 1 ID : 6306801079472
 Option 2 ID : 6306801079470
 Option 3 ID : 6306801079469
 Option 4 ID : 6306801079471
 Status : Answered
 Chosen Option : 2

Q.37 Which of the following ranges of sound is low pitched?

- Ans ☒ 1. 50 Hz
☒ 2. 300 Hz
☒ 3. 2 Hz
☒ 4. 15000 Hz

Question ID : 630680277684
 Option 1 ID : 6306801079093
 Option 2 ID : 6306801079095
 Option 3 ID : 6306801079096
 Option 4 ID : 6306801079094
 Status : Answered
 Chosen Option : 3

Q.38 Which of the following is the portion of roadway of an urban road reserved for use only by high speed and power driven vehicles?

- Ans
- ☐ 1. Cycle track
 - ☐ 2. Foot way
 - ☐ 3. Village road
 - ☒ 4. Motor way

Question ID : 630680277775
Option 1 ID : 6306801079457
Option 2 ID : 6306801079458
Option 3 ID : 6306801079459
Option 4 ID : 6306801079460
Status : Answered
Chosen Option : 4

Q.39 According to the Limit State Method, which of the following types of bars are categorised as main bar?

- Ans
- ☒ 1. Steel bars in tension zone
 - ☐ 2. Concrete bars in tension zone
 - ☐ 3. Steel bars in compression zone
 - ☐ 4. Concrete bars in compression zone

Question ID : 630680277676
Option 1 ID : 6306801079061
Option 2 ID : 6306801079062
Option 3 ID : 6306801079063
Option 4 ID : 6306801079064
Status : Answered
Chosen Option : 1

Q.40 Which of the following chemicals is added to Concrete in order to avoid carbonation during cold weather concreting?

- Ans
- ☐ 1. Magnesium Chloride
 - ☐ 2. Sodium Hexametaphosphate
 - ☐ 3. Sodium Chloride
 - ☒ 4. Calcium Carbonate

Question ID : 630680277650
Option 1 ID : 6306801078960
Option 2 ID : 6306801078957
Option 3 ID : 6306801078959
Option 4 ID : 6306801078958
Status : Answered
Chosen Option : 2

Q.41 Which of the following is the shape of a warning sign board?

- Ans
- ☒ 1. Square
 - ☒ 2. Circular
 - ☒ 3. Rectangular
 - ☒ 4. Triangular

Question ID : 630680277773
 Option 1 ID : 6306801079451
 Option 2 ID : 6306801079450
 Option 3 ID : 6306801079452
 Option 4 ID : 6306801079449
 Status : Answered
 Chosen Option : 4

Q.42 Which of the following is a type of metamorphic rock?

- Ans
- ☒ 1. Sandstone
 - ☒ 2. Granite
 - ☒ 3. Limestone
 - ☒ 4. Soapstone

Question ID : 630680277729
 Option 1 ID : 6306801079274
 Option 2 ID : 6306801079275
 Option 3 ID : 6306801079276
 Option 4 ID : 6306801079273
 Status : Answered
 Chosen Option : 4

Q.43 In which of the following structures should the moment distribution method used?

- Ans
- ☒ 1. Simply supported beam
 - ☒ 2. Fixed beam
 - ☒ 3. Cantilever beam
 - ☒ 4. Simply supported beam with uniformly distributed load

Question ID : 630680277762
 Option 1 ID : 6306801079407
 Option 2 ID : 6306801079405
 Option 3 ID : 6306801079406
 Option 4 ID : 6306801079408
 Status : Answered
 Chosen Option : 1

Q.44 Read the following statements about Macaulay's method.
A. Slope and deflection are calculated using this method.
B. Structurally indeterminate structures are analysed.
Identify the CORRECT statement/statements.

- Ans ☒ 1. Only A
☒ 2. Both A and B
☒ 3. Neither A nor B
☒ 4. Only B

Question ID : 630680277768
Option 1 ID : 6306801079429
Option 2 ID : 6306801079431
Option 3 ID : 6306801079432
Option 4 ID : 6306801079430
Status : Answered
Chosen Option : 2

Q.45 Into how many types is Bandhara irrigation classified?

- Ans ☒ 1. 1
☒ 2. 4
☒ 3. 2
☒ 4. 3

Question ID : 630680277723
Option 1 ID : 6306801079249
Option 2 ID : 6306801079252
Option 3 ID : 6306801079250
Option 4 ID : 6306801079251
Status : Not Answered
Chosen Option : --

Q.46 How many types of Earth pressures are there on the basis of the movement of the wall?

- Ans ☒ 1. 5
☒ 2. 3
☒ 3. 10
☒ 4. 2

Question ID : 630680277737
Option 1 ID : 6306801079306
Option 2 ID : 6306801079307
Option 3 ID : 6306801079308
Option 4 ID : 6306801079305
Status : Answered
Chosen Option : 4

Q.47 Which of the following is the particle size of cobble as per the BIS classification of soil?

- Ans ☒ 1. 0.5 -2.00mm
☒ 2. 10-50mm
☒ 3. 80-300mm
☒ 4. >300mm

Question ID : 630680277733
Option 1 ID : 6306801079290
Option 2 ID : 6306801079292
Option 3 ID : 6306801079289
Option 4 ID : 6306801079291
Status : Answered
Chosen Option : 3

Q.48 Into how many types are sight distances categorised?

- Ans ☒ 1. Five
☒ 2. One
☒ 3. Ten
☒ 4. Two

Question ID : 630680277777
Option 1 ID : 6306801079467
Option 2 ID : 6306801079466
Option 3 ID : 6306801079468
Option 4 ID : 6306801079465
Status : Answered
Chosen Option : 1

Q.49 Which of the following is used to hold the two rails together both in the horizontal and vertical planes?

- Ans ☒ 1. Fish plates
☒ 2. Round spikes
☒ 3. Rail joints
☒ 4. Dog spikes

Question ID : 630680277782
Option 1 ID : 6306801079487
Option 2 ID : 6306801079488
Option 3 ID : 6306801079486
Option 4 ID : 6306801079485
Status : Answered
Chosen Option : 1

Q.50 Which of the following is the correct formula for Pascal's Law?

F= Force
P= Pressure
A= Area of cross-section

- Ans
- ☒ 1. $F = P / A$
 - ☒ 2. $F = A / P$
 - ☒ 3. $F = P + A$
 - ☒ 4. $F = PA$

Question ID : 630680277706
Option 1 ID : 6306801079183
Option 2 ID : 6306801079184
Option 3 ID : 6306801079181
Option 4 ID : 6306801079182
Status : Answered
Chosen Option : 4

Q.51 Which of the following equations is used to find the major losses in pipes?

- Ans
- ☒ 1. Reynold's equation
 - ☒ 2. Prandtl equation
 - ☒ 3. Darcy Weisbach equation
 - ☒ 4. Manning's equation

Question ID : 630680277716
Option 1 ID : 6306801079223
Option 2 ID : 6306801079224
Option 3 ID : 6306801079222
Option 4 ID : 6306801079221
Status : Answered
Chosen Option : 3

Q.52 Which of the following grades of concrete has the mix ratio 1:1:2?

- Ans
- ☒ 1. M10
 - ☒ 2. M25
 - ☒ 3. M20
 - ☒ 4. M5

Question ID : 630680277654
Option 1 ID : 6306801078974
Option 2 ID : 6306801078976
Option 3 ID : 6306801078975
Option 4 ID : 6306801078973
Status : Answered
Chosen Option : 2

Q.53 Which of the following properties is NOT considered in selection of construction materials?

- Ans ☒ 1. Availability
☒ 2. Plasticity
☒ 3. Strength
☒ 4. Cost

Question ID : 630680277660
 Option 1 ID : 6306801078998
 Option 2 ID : 6306801079000
 Option 3 ID : 6306801078997
 Option 4 ID : 6306801078999
 Status : Answered
 Chosen Option : 2

Q.54 Which of the following is NOT an advantage of using Bitumen for roads?

- Ans ☒ 1. Quick failure
☒ 2. Smooth ride Surface
☒ 3. Staged Construction
☒ 4. Quick repair

Question ID : 630680277779
 Option 1 ID : 6306801079475
 Option 2 ID : 6306801079474
 Option 3 ID : 6306801079473
 Option 4 ID : 6306801079476
 Status : Answered
 Chosen Option : 1

Q.55 Arrange the steps to determine deflection in beams using Double integration method in chronological order.


- Using the boundary conditions, determine the integration constants and substitute them into the equations obtained to find the slope and the deflection of the beam.
- Calculate the support reactions and write the moment equation as a function of the x coordinate.
- Sketch the free-body diagram of the beam and establish the x and y coordinates.
- Substitute the moment expression into the equation of the elastic curve and integrate once to obtain the slope. Integrate again to obtain the deflection in the beam.


- Ans ☒ 1. 4, 3, 2, 1
☒ 2. 3, 2, 4, 1
☒ 3. 1, 4, 3, 2
☒ 4. 1, 2, 3, 4

Question ID : 630680277759
 Option 1 ID : 6306801079395
 Option 2 ID : 6306801079394
 Option 3 ID : 6306801079396
 Option 4 ID : 6306801079393
 Status : Not Answered
 Chosen Option : --


Q.56 Read the following statements about working from whole to part:
 A. When an area is to be surveyed, first a system of control points is to be established covering the whole area with very high precision.
 B. The idea of working this way is to maximise the accumulation of errors and to control and localise minor errors.
 Identify the INCORRECT statement.

- Ans

 1. Only A

 2. Only B


 3. Both A and B


 4. Neither A nor B


Question ID : 630680277743
 Option 1 ID : 6306801079329
 Option 2 ID : 6306801079330
 Option 3 ID : 6306801079331
 Option 4 ID : 6306801079332
 Status : Answered
 Chosen Option : 2


Q.57 Which of the following properties is the quantity of work required to cause its failure per its unit volume in construction materials?

- Ans

 1. Impact strength

 2. Creep

 3. Thermal Conductivity

 4. Ductility

Question ID : 630680277659
 Option 1 ID : 6306801078995
 Option 2 ID : 6306801078993
 Option 3 ID : 6306801078996
 Option 4 ID : 6306801078994
 Status : Answered
 Chosen Option : 3

Q.58 Which of the following index properties indicates the firmness of soil?

- Ans

 1. Consistency index

 2. Plasticity index

 3. Liquidity index

 4. Flow index

Question ID : 630680277732
 Option 1 ID : 6306801079288
 Option 2 ID : 6306801079287
 Option 3 ID : 6306801079286
 Option 4 ID : 6306801079285
 Status : Answered
 Chosen Option : 2

Q.59 Which of the following is a precision instrument that is used to measure the angle in the horizontal and vertical planes?

- Ans
- ☒ 1. Tape
 - ☒ 2. Theodolite
 - ☒ 3. Compass
 - ☒ 4. Chain

Question ID : 630680277756
Option 1 ID : 6306801079384
Option 2 ID : 6306801079381
Option 3 ID : 6306801079382
Option 4 ID : 6306801079383
Status : Answered
Chosen Option : 2

Q.60 Which of the following types of pollution creates excess heat that causes undesirable effects over long periods of time?

- Ans
- ☒ 1. Soil pollution
 - ☒ 2. Water pollution
 - ☒ 3. Thermal pollution
 - ☒ 4. Light pollution

Question ID : 630680277683
Option 1 ID : 6306801079091
Option 2 ID : 6306801079090
Option 3 ID : 6306801079092
Option 4 ID : 6306801079089
Status : Answered
Chosen Option : 3

Q.61 Which of the following is NOT a type of traffic signal?

- Ans
- ☒ 1. Fixed time signals
 - ☒ 2. Pedestrian signals
 - ☒ 3. Truck signals
 - ☒ 4. Manually operated signals

Question ID : 630680277774
Option 1 ID : 6306801079453
Option 2 ID : 6306801079455
Option 3 ID : 6306801079456
Option 4 ID : 6306801079454
Status : Answered
Chosen Option : 3

Q.62 Which of the following types of soil have the lowest bulk surface density?

- Ans
- ☒ 1. Sandy soil
 - ☒ 2. Peat
 - ☒ 3. Glacial till
 - ☒ 4. Silt

Question ID : 630680277739
Option 1 ID : 6306801079314
Option 2 ID : 6306801079315
Option 3 ID : 6306801079316
Option 4 ID : 6306801079313
Status : Not Answered
Chosen Option : --

Q.63 Which of the following instruments for linear measurement is a watch like instrument that is carried on the person's pocket or tied on the man's leg?

- Ans
- ☒ 1. Passometer
 - ☒ 2. Pedometer
 - ☒ 3. Compass
 - ☒ 4. Odometer

Question ID : 630680277745
Option 1 ID : 6306801079339
Option 2 ID : 6306801079338
Option 3 ID : 6306801079340
Option 4 ID : 6306801079337
Status : Answered
Chosen Option : 2

Q.64 Into how many types can the cost of labours in Rate analysis be divided?

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

Question ID : 630680277697
Option 1 ID : 6306801079147
Option 2 ID : 6306801079148
Option 3 ID : 6306801079145
Option 4 ID : 6306801079146
Status : Not Answered
Chosen Option : --

Q.65 Read the following statements about the necessity of irrigation.
A. If rainfall is sufficient but spatial distribution is not as per requirement, irrigation becomes necessary.
B. If rainfall is more than the demand for plants, irrigation is necessary to fulfil the water requirement of plants.
Identify the CORRECT statement/statements.

- Ans ☒ 1. Only B
☒ 2. Only A
☒ 3. Neither A nor B
☒ 4. Both A and B

Question ID : 630680277726
Option 1 ID : 6306801079264
Option 2 ID : 6306801079263
Option 3 ID : 6306801079262
Option 4 ID : 6306801079261
Status : Answered
Chosen Option : 2

Q.66 Read the following statements about contour interval and horizontal equivalent.
A. Contour Interval is the vertical distance between any two consecutive
B. The horizontal equivalent is the horizontal distance between any two continuous contour lines.
Identify the CORRECT statement/statements.

- Ans ☒ 1. Only A
☒ 2. Neither A nor B
☒ 3. Only B
☒ 4. Both A and B

Question ID : 630680277754
Option 1 ID : 6306801079375
Option 2 ID : 6306801079376
Option 3 ID : 6306801079374
Option 4 ID : 6306801079373
Status : Answered
Chosen Option : 4

Q.67 Which of the following formulae represents the number of tiles needed for flooring?

- Ans ☒ 1. Area of flooring - Area of tile
☒ 2. Area of flooring \times Area of tile
☒ 3. Area of flooring + Area of tile
☒ 4. Area of flooring / Area of tile

Question ID : 630680277700
Option 1 ID : 6306801079158
Option 2 ID : 6306801079160
Option 3 ID : 6306801079157
Option 4 ID : 6306801079159
Status : Answered
Chosen Option : 4

Q.68

Read the following statements about Macaulay's method.

A. Macaulay's Method is a means to find the equation that describes the deflected shape of a beam.

B. Macaulay's Method enables us to write a single equation for bending moment for the full length of the beam.

Identify the CORRECT statement/statements.

- Ans

1. Both A and B

2. Neither A nor B

3. Only A

4. Only B

Question ID : 630680277760

Option 1 ID : 6306801079399

Option 2 ID : 6306801079400

Option 3 ID : 6306801079397

Option 4 ID : 6306801079398

Status : Answered

Chosen Option : 3

Q.69

Which of the following properties is responsible for quicksand condition?

- Ans

1. Plasticity

2. Shear strength

3. Porosity

4. Elasticity

Question ID : 630680277734

Option 1 ID : 6306801079293

Option 2 ID : 6306801079294

Option 3 ID : 6306801079296

Option 4 ID : 6306801079295

Status : Answered

Chosen Option : 2

Q.70

Which of the following reasons is valid for the provision of top reinforcements in singly reinforced beams?

- Ans

1. Collapse stirrups

2. Hold stirrups

3. Carry compression load

4. Carry compression load and stirrups

Question ID : 630680277677

Option 1 ID : 6306801079067

Option 2 ID : 6306801079066

Option 3 ID : 6306801079065

Option 4 ID : 6306801079068

Status : Answered

Chosen Option : 3

Q.71 Which of the following is NOT a reason for the necessity of irrigation?

- Ans ☒ 1. Even distribution of rainfall
- ☒ 2. Cultivation of high yielding crops
- ☒ 3. Difference in water holding capacity of the soil
- ☒ 4. Uncertainty of monsoon rainfall

Question ID : 630680277720
Option 1 ID : 6306801079238
Option 2 ID : 6306801079240
Option 3 ID : 6306801079239
Option 4 ID : 6306801079237
Status : Answered
Chosen Option : 1

Q.72 Which of the following parts of Centrifugal pump is a wheel or rotor which is provided with a series of backward curved blades or vanes?

- Ans ☒ 1. Casing
- ☒ 2. Delivery pipe
- ☒ 3. Impeller
- ☒ 4. Suction pipe

Question ID : 630680277713
Option 1 ID : 6306801079210
Option 2 ID : 6306801079212
Option 3 ID : 6306801079209
Option 4 ID : 6306801079211
Status : Answered
Chosen Option : 3

Q.73 Which of the following types of equations plays an important part in Macaulay method?

- Ans ☒ 1. Cubic equation
- ☒ 2. Differential equation
- ☒ 3. Linear equation
- ☒ 4. Quadratic equation

Question ID : 630680277766
Option 1 ID : 6306801079423
Option 2 ID : 6306801079421
Option 3 ID : 6306801079424
Option 4 ID : 6306801079422
Status : Not Answered
Chosen Option : --

Q.74 Which of the following is the shape of the beam in plate girders?

- Ans ☒ 1. Rectangular
☒ 2. I-shaped
☒ 3. Square
☒ 4. T-shaped

Question ID : 630680277668
Option 1 ID : 6306801079032
Option 2 ID : 6306801079029
Option 3 ID : 6306801079031
Option 4 ID : 6306801079030
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.75 Which of the following type of dams is a temporary structure constructed to allow construction activities to take place in rivers or any other water body?

- Ans ☒ 1. Cofferdam
☒ 2. Debris dam
☒ 3. Storage dam
☒ 4. Diversion dam

Question ID : 630680277728
Option 1 ID : 6306801079269
Option 2 ID : 6306801079270
Option 3 ID : 6306801079272
Option 4 ID : 6306801079271
Status : Answered
Chosen Option : 1

Q.76 Read the following statements about the Mohr-Coulomb Criterion.
A. Materials fails by shear
B. The ultimate strength of the material is determined by the stresses in the failure plane
Identify the CORRECT statement/statements.

- Ans ☒ 1. Both A and B
☒ 2. Only B
☒ 3. Neither A nor B
☒ 4. Only A

Question ID : 630680277735
Option 1 ID : 6306801079299
Option 2 ID : 6306801079298
Option 3 ID : 6306801079300
Option 4 ID : 6306801079297
Status : Answered
Chosen Option : 1

Q.77 Read the following statements about Local attraction.
A. Local attraction at a place can be detected by observing bearings, from both ends, of a line in the area.
B. If the fore and back bearings of the line differ exactly by 180° , there is no local attraction at either station.
Identify the INCORRECT statement/statements.

- Ans
- ☒ 1. Only B
 - ☒ 2. Both A and B
 - ☒ 3. Only A
 - ☒ 4. Neither A nor B

Question ID : 630680277747
Option 1 ID : 6306801079346
Option 2 ID : 6306801079347
Option 3 ID : 6306801079345
Option 4 ID : 6306801079348
Status : Answered
Chosen Option : 4

Q.78 Which of the following type of heads are neglected in case of soils?

- Ans
- ☒ 1. Piezometric head
 - ☒ 2. Pressure head
 - ☒ 3. Velocity head
 - ☒ 4. Datum head

Question ID : 630680277742
Option 1 ID : 6306801079328
Option 2 ID : 6306801079325
Option 3 ID : 6306801079326
Option 4 ID : 6306801079327
Status : Answered
Chosen Option : 3

Q.79 Which of the following is NOT an advantage of Dumpy level?

- Ans
- ☒ 1. Angle measurement inaccurate
 - ☒ 2. High optical power
 - ☒ 3. Easy to use
 - ☒ 4. Very accurate level readings

Question ID : 630680277748
Option 1 ID : 6306801079351
Option 2 ID : 6306801079349
Option 3 ID : 6306801079352
Option 4 ID : 6306801079350
Status : Answered
Chosen Option : 1

Q.80 The conditions to qualify as a Laterally Restrained Beam are given:
 A. It should buckle laterally.
 B. Limit state of serviceability must be satisfied
 Which of the following are INCORRECT?

- Ans

✔ 1. Only A

✘ 2. Only B

✘ 3. Both A and B

✘ 4. Neither A or B

Question ID : 630680277675
 Option 1 ID : 6306801079057
 Option 2 ID : 6306801079058
 Option 3 ID : 6306801079060
 Option 4 ID : 6306801079059
 Status : Answered
 Chosen Option : 1

Q.81 Which of the following properties is the most important selection criteria for a construction material?

- Ans

✔ 1. Strength

✘ 2. Workability

✘ 3. Durability

✘ 4. Availability

Question ID : 630680277656
 Option 1 ID : 6306801078981
 Option 2 ID : 6306801078982
 Option 3 ID : 6306801078984
 Option 4 ID : 6306801078983
 Status : Answered
 Chosen Option : 4

Q.82 Read the following statements about a fixed beam.
 A. Fixed beams undergo very minimal deflection.
 B. These beams are very strong.
 Identify the INCORRECT statement.

- Ans

✘ 1. Only B

✔ 2. Neither A nor B

✘ 3. Both A and B

✘ 4. Only A

Question ID : 630680277761
 Option 1 ID : 6306801079402
 Option 2 ID : 6306801079404
 Option 3 ID : 6306801079403
 Option 4 ID : 6306801079401
 Status : Answered
 Chosen Option : 2

Q.83 Which of the following should be the range of humidity of the laboratory for determining the standard consistency of Cement using Vicat's apparatus?

- Ans
- ☒ 1. 0.1 - 0.5 %
 - ☒ 2. 60 - 70 %
 - ☒ 3. 20 - 30 %
 - ☒ 4. 0 - 10 %

Question ID : 630680277646
Option 1 ID : 6306801078942
Option 2 ID : 6306801078944
Option 3 ID : 6306801078943
Option 4 ID : 6306801078941
Status : Answered
Chosen Option : 3

Q.84 Into how many groups can soil compaction equipment be divided?

- Ans
- ☒ 1. Five
 - ☒ 2. Three
 - ☒ 3. Ten
 - ☒ 4. Two

Question ID : 630680277738
Option 1 ID : 6306801079309
Option 2 ID : 6306801079312
Option 3 ID : 6306801079311
Option 4 ID : 6306801079310
Status : Not Answered
Chosen Option : --

Q.85 Which of the following types of Lime contains high content of Calcium Oxide?

- Ans
- ☒ 1. Quick Lime
 - ☒ 2. Hydraulic Lime
 - ☒ 3. Fat Lime
 - ☒ 4. Slaked Lime

Question ID : 630680277661
Option 1 ID : 6306801079001
Option 2 ID : 6306801079004
Option 3 ID : 6306801079003
Option 4 ID : 6306801079002
Status : Answered
Chosen Option : 3

Q.86 Which of the following devices for linear measurements is the best for measuring vertical distances?

- Ans

☒

1. Odometer
- ☒

2. Pedometer
- ☒

3. Passometer
- ☒

4. Chain

Question ID : 630680277755
 Option 1 ID : 6306801079378
 Option 2 ID : 6306801079380
 Option 3 ID : 6306801079377
 Option 4 ID : 6306801079379
 Status : Answered
 Chosen Option : 1

Q.87 Which of the following properties of construction material is the opposite to ductility?

- Ans

☒

1. Strength
- ☒

2. Brittleness
- ☒

3. Creep
- ☒

4. Elasticity

Question ID : 630680277663
 Option 1 ID : 6306801079010
 Option 2 ID : 6306801079009
 Option 3 ID : 6306801079011
 Option 4 ID : 6306801079012
 Status : Answered
 Chosen Option : 2

Q.88 Which of the factors does NOT affect Crop water requirement?

- Ans

☒

1. Temperature
- ☒

2. Consumption of fuel
- ☒

3. Wind speed
- ☒

4. Sunshine

Question ID : 630680277721
 Option 1 ID : 6306801079242
 Option 2 ID : 6306801079244
 Option 3 ID : 6306801079243
 Option 4 ID : 6306801079241
 Status : Answered
 Chosen Option : 2

Q.89 Which of the following is NOT an assumption of Terzaghi's bearing capacity theory?

- Ans
- ☒ 1. The length of the footing is infinite
 - ☒ 2. The load acting on the footing is uniformly distributed and is acting in vertical direction
 - ☒ 3. The base of the strip footing is smooth
 - ☒ 4. The type of foundation is shallow

Question ID : 630680277736
Option 1 ID : 6306801079304
Option 2 ID : 6306801079303
Option 3 ID : 6306801079301
Option 4 ID : 6306801079302
Status : Answered
Chosen Option : 1

Q.90 Which of the following is NOT a component of a Reciprocating pump?

- Ans
- ☒ 1. Suction Pipe
 - ☒ 2. Sphere
 - ☒ 3. Strainer
 - ☒ 4. Cylinder

Question ID : 630680277712
Option 1 ID : 6306801079205
Option 2 ID : 6306801079207
Option 3 ID : 6306801079208
Option 4 ID : 6306801079206
Status : Answered
Chosen Option : 2

Q.91 Which of the following methods of valuation is used for the properties which are in the underdeveloped stag or partly developed and partly underdeveloped stage?

- Ans
- ☒ 1. Depreciation method
 - ☒ 2. Rental method
 - ☒ 3. Development method
 - ☒ 4. Sinking fund method

Question ID : 630680277702
Option 1 ID : 6306801079165
Option 2 ID : 6306801079168
Option 3 ID : 6306801079166
Option 4 ID : 6306801079167
Status : Answered
Chosen Option : 3

Q.92 Which of the following types of bricks is also called refractory bricks?

- Ans
- ☒ 1. Burnt clay bricks
 - ☒ 2. Concrete bricks
 - ☒ 3. Firebrick
 - ☒ 4. Fly ash bricks

Question ID : 630680277658
Option 1 ID : 6306801078989
Option 2 ID : 6306801078991
Option 3 ID : 6306801078992
Option 4 ID : 6306801078990
Status : Answered
Chosen Option : 3

Q.93 In which of the following types of irrigation is the soil surface not made wet?

- Ans
- ☒ 1. Flood irrigation
 - ☒ 2. Perennial irrigation
 - ☒ 3. Sub-surface irrigation
 - ☒ 4. Lift irrigation

Question ID : 630680277727
Option 1 ID : 6306801079265
Option 2 ID : 6306801079266
Option 3 ID : 6306801079267
Option 4 ID : 6306801079268
Status : Answered
Chosen Option : 3

Q.94 Which of the following number of longitudinal reinforcement must be provided in a column having helical binders?

- Ans
- ☒ 1. 1
 - ☒ 2. 6
 - ☒ 3. 10
 - ☒ 4. 50

Question ID : 630680277679
Option 1 ID : 6306801079074
Option 2 ID : 6306801079076
Option 3 ID : 6306801079073
Option 4 ID : 6306801079075
Status : Answered
Chosen Option : 2

Q.95 Which of the following is NOT a natural source of pollution?

- Ans

☒

1. Mining
- ☐

2. Dust storms
- ☐

3. Smoke
- ☐

4. Decay in organic matter

Question ID : 630680277688
 Option 1 ID : 6306801079110
 Option 2 ID : 6306801079111
 Option 3 ID : 6306801079109
 Option 4 ID : 6306801079112
 Status : Answered
 Chosen Option : 1

Q.96 Which of the following is the third step of water treatment?

- Ans

☒

1. Coagulation
- ☐

2. Filtration
- ☐

3. Screening
- ☐

4. Aeration

Question ID : 630680277685
 Option 1 ID : 6306801079100
 Option 2 ID : 6306801079099
 Option 3 ID : 6306801079098
 Option 4 ID : 6306801079097
 Status : Answered
 Chosen Option : 1

Q.97 Which of the following is the first step in Bituminous road construction?

- Ans

☐

1. Placing of premix
- ☒

2. Preparation of the existing base course layer
- ☐

3. Rolling
- ☐

4. Application of Tack coat

Question ID : 630680277780
 Option 1 ID : 6306801079479
 Option 2 ID : 6306801079480
 Option 3 ID : 6306801079478
 Option 4 ID : 6306801079477
 Status : Answered
 Chosen Option : 2

Q.98 Which of the following types of grades of OPC cement is most popularly used in India?

- Ans ☒ 1. OPC 43
☒ 2. OPC 53
☒ 3. OPC 63
☒ 4. OPC 33

Question ID : 630680277644
 Option 1 ID : 6306801078934
 Option 2 ID : 6306801078935
 Option 3 ID : 6306801078936
 Option 4 ID : 6306801078933
 Status : Answered
 Chosen Option : 4

Q.99 Which of the following types of cement is used in the construction of underground structures like tunnels?

- Ans ☒ 1. Coloured cement
☒ 2. Hydrophobic cement
☒ 3. White cement
☒ 4. Air entraining cement

Question ID : 630680277662
 Option 1 ID : 6306801079008
 Option 2 ID : 6306801079005
 Option 3 ID : 6306801079007
 Option 4 ID : 6306801079006
 Status : Answered
 Chosen Option : 2

Q.100 Which of the following is the design bond strength of M20 concrete as per IS 1786 in N/mm²?

- Ans ☒ 1. 3.2
☒ 2. 1.2
☒ 3. 0
☒ 4. 9.0

Question ID : 630680277672
 Option 1 ID : 6306801079046
 Option 2 ID : 6306801079045
 Option 3 ID : 6306801079048
 Option 4 ID : 6306801079047
 Status : Answered
 Chosen Option : 2

Q.101 Which of the following instruments is used for measuring angles?

- Ans
1. Passometer

2. Theodolite

3. Pedometer

4. Odometer

Question ID : 630680277746

Option 1 ID : 6306801079342

Option 2 ID : 6306801079343

Option 3 ID : 6306801079344

Option 4 ID : 6306801079341

Status : Answered

Chosen Option : 2

Q.102 Which of the following is NOT a purpose of waste water treatment?

- Ans
1. extract the chemicals and dissolved minerals

2. control unpleasant taste & appearance of particles

3. prevent pathogenic microorganisms causing the disease

4. addition of excessive colour of water & turbidity

Question ID : 630680277681

Option 1 ID : 6306801079084

Option 2 ID : 6306801079081

Option 3 ID : 6306801079082

Option 4 ID : 6306801079083

Status : Answered

Chosen Option : 4

Q.103 Which of the following is a popular disinfectant other than Chlorine?

- Ans
1. Arsenic

2. Fluorine

3. Iron

4. Ozone

Question ID : 630680277680

Option 1 ID : 6306801079080

Option 2 ID : 6306801079078

Option 3 ID : 6306801079079

Option 4 ID : 6306801079077

Status : Answered

Chosen Option : 4

Q.104 Which of the following equations are used to measure Gravity flow?

- Ans
- ☒ 1. Weber's equation
 - ☒ 2. Mach number
 - ☒ 3. Reynold's equation
 - ☒ 4. Manning's equation

Question ID : 630680277707
 Option 1 ID : 6306801079185
 Option 2 ID : 6306801079187
 Option 3 ID : 6306801079186
 Option 4 ID : 6306801079188
 Status : Answered
 Chosen Option : 3

Q.105 In which of the following types of precipitation water drops freeze to form an ice coating?

- Ans
- ☒ 1. Glaze
 - ☒ 2. Drizzle
 - ☒ 3. Snow
 - ☒ 4. Rain

Question ID : 630680277718
 Option 1 ID : 6306801079232
 Option 2 ID : 6306801079230
 Option 3 ID : 6306801079231
 Option 4 ID : 6306801079229
 Status : Answered
 Chosen Option : 3

Q.106 Which of the following does a beam undergoes when a load is applied to the free end of a cantilever beam?

- Ans
- ☒ 1. Tension
 - ☒ 2. Neither Tension nor Compression
 - ☒ 3. Compression
 - ☒ 4. Both Tension and Compression

Question ID : 630680277669
 Option 1 ID : 6306801079034
 Option 2 ID : 6306801079036
 Option 3 ID : 6306801079033
 Option 4 ID : 6306801079035
 Status : Answered
 Chosen Option : 1

Q.107 Which of the following is NOT a problem of hot weather concreting?

- Ans
- ☒ 1. Decreased 28-day and later strengths
 - ☒ 2. Increased rate of setting
 - ☒ 3. Increased permeability
 - ☒ 4. Decreased water demand

Question ID : 630680277651
 Option 1 ID : 6306801078964
 Option 2 ID : 6306801078962
 Option 3 ID : 6306801078963
 Option 4 ID : 6306801078961
 Status : Answered
 Chosen Option : 4

Q.108 Which of the following is the unit of Total Pressure in fluid mechanics?

- Ans
- ☒ 1. N
 - ☒ 2. kg/m
 - ☒ 3. kN/m
 - ☒ 4. N/m

Question ID : 630680277705
 Option 1 ID : 6306801079177
 Option 2 ID : 6306801079179
 Option 3 ID : 6306801079180
 Option 4 ID : 6306801079178
 Status : Answered
 Chosen Option : 1

Q.109 Which of the following types of kerbs are provided when the pedestrian traffic is high?

- Ans
- ☒ 1. Semi-barrier type kerbs
 - ☒ 2. Submerged kerbs
 - ☒ 3. Barrier type kerbs
 - ☒ 4. Low kerbs

Question ID : 630680277776
 Option 1 ID : 6306801079462
 Option 2 ID : 6306801079463
 Option 3 ID : 6306801079464
 Option 4 ID : 6306801079461
 Status : Answered
 Chosen Option : 3

Q.110 Which of the following is the Representative Fraction(RF) of an Engineer's scale?

- Ans

1. 1:8000

2. 1:30

3. 1:5000

4. 1:2000

Question ID : 630680277744

Option 1 ID : 6306801079334

Option 2 ID : 6306801079335

Option 3 ID : 6306801079336

Option 4 ID : 6306801079333

Status : Answered

Chosen Option : 4

Q.111 Which of the following loads DO NOT prevail over RCC chimneys?

- Ans

1. Earthquake load

2. Wind load

3. Snow load

4. Self-weight

Question ID : 630680277763

Option 1 ID : 6306801079412

Option 2 ID : 6306801079410

Option 3 ID : 6306801079411

Option 4 ID : 6306801079409

Status : Answered

Chosen Option : 4

Q.112 Which of the following types of rain gauges is also called Float type?

- Ans

1. Weighing Bucket Type

2. Natural Syphon Type

3. Tipping Bucket

4. Inclined rain gauge

Question ID : 630680277719

Option 1 ID : 6306801079235

Option 2 ID : 6306801079234

Option 3 ID : 6306801079233

Option 4 ID : 6306801079236

Status : Answered

Chosen Option : 2

Q.113 Read the following statements about working from whole to part.
A. Working from whole to part accumulates errors.
B. Working from part to whole minimises errors.
Identify the INCORRECT statement/statements.

- Ans
- ☒ 1. Only A
 - ☒ 2. Both A and B
 - ☒ 3. Only B
 - ☒ 4. Neither A nor B

Question ID : 630680277752
Option 1 ID : 6306801079365
Option 2 ID : 6306801079367
Option 3 ID : 6306801079366
Option 4 ID : 6306801079368
Status : Answered
Chosen Option : 3

Q.114 Which of the following is NOT a source of Noise pollution?

- Ans
- ☒ 1. Industrial
 - ☒ 2. Transport
 - ☒ 3. Neighbourhood
 - ☒ 4. Agricultural

Question ID : 630680277691
Option 1 ID : 6306801079121
Option 2 ID : 6306801079123
Option 3 ID : 6306801079124
Option 4 ID : 6306801079122
Status : Answered
Chosen Option : 4

Q.115 Read the following statements about Continuity equation.
A. The inflow and outflow are one-dimensional
B. the velocity and density are constant over the area.
Which of the following are CORRECT?

- Ans
- ☒ 1. A and B are False.
 - ☒ 2. A is True and B is True and B is the not correct explanation for A
 - ☒ 3. A is True and B is True and B is the correct explanation for A
 - ☒ 4. A is True, B is False

Question ID : 630680277714
Option 1 ID : 6306801079216
Option 2 ID : 6306801079215
Option 3 ID : 6306801079214
Option 4 ID : 6306801079213
Status : Answered
Chosen Option : 2

Q.116 Which of the following properties of bitumen binds together all the components without bringing about any positive or negative changes in their properties?

- Ans
- ☐ 1. Strength
 - ☐ 2. Hardness
 - ☒ 3. Adhesion
 - ☐ 4. Ductility

Question ID : 630680277665
Option 1 ID : 6306801079020
Option 2 ID : 6306801079017
Option 3 ID : 6306801079018
Option 4 ID : 6306801079019
Status : Answered
Chosen Option : 3

Q.117 Read the following statements about flexural rigidity.
A. EI is known as flexural rigidity.
B. It depends upon the material as well as the geometric property of the section.
Which of the statement/statements are correct?

- Ans
- ☐ 1. Only A
 - ☐ 2. Only B
 - ☒ 3. Both A and B
 - ☐ 4. Neither A or B

Question ID : 630680277674
Option 1 ID : 6306801079056
Option 2 ID : 6306801079054
Option 3 ID : 6306801079053
Option 4 ID : 6306801079055
Status : Answered
Chosen Option : 3

Q.118 Which of the following types of fluids is Ethyl Alcohol?

- Ans
- ☐ 1. Pseudo-plastic
 - ☒ 2. Newtonian
 - ☐ 3. Rheoplastic
 - ☐ 4. Non-newtonian

Question ID : 630680277704
Option 1 ID : 6306801079175
Option 2 ID : 6306801079173
Option 3 ID : 6306801079176
Option 4 ID : 6306801079174
Status : Answered
Chosen Option : 1

Q.119 Which of the following types of solid wastes are capable of transmitting a dangerous communicable disease?

- Ans
- ☒ 1. Industrial
 - ☒ 2. Demolition
 - ☒ 3. Infectious
 - ☒ 4. Garbage

Question ID : 630680277690
Option 1 ID : 6306801079117
Option 2 ID : 6306801079119
Option 3 ID : 6306801079118
Option 4 ID : 6306801079120
Status : Answered
Chosen Option : 1

Q.120 Which of the following is NOT an application of soil engineering?

- Ans
- ☒ 1. Retaining structures
 - ☒ 2. Slope stability
 - ☒ 3. Pavement design
 - ☒ 4. River training works

Question ID : 630680277730
Option 1 ID : 6306801079279
Option 2 ID : 6306801079278
Option 3 ID : 6306801079277
Option 4 ID : 6306801079280
Status : Answered
Chosen Option : 4

Q.121 Which of the following defects in timber is caused due to Fungi?

- Ans
- ☒ 1. Diagonal Grain
 - ☒ 2. Wet Rot
 - ☒ 3. Wane
 - ☒ 4. Chip Mark

Question ID : 630680277657
Option 1 ID : 6306801078985
Option 2 ID : 6306801078986
Option 3 ID : 6306801078988
Option 4 ID : 6306801078987
Status : Answered
Chosen Option : 2

Q.122 Which the following is a warning road sign?

- Ans
- ☐

1. No parking
- ☐

2. Height limit
- ☐

3. Load limit
- ☒

4. Right reverse bend

Question ID : 630680277769

Option 1 ID : 6306801079434

Option 2 ID : 6306801079435

Option 3 ID : 6306801079436

Option 4 ID : 6306801079433

Status : Answered

Chosen Option : 4

Q.123 Which of the following is NOT a regulatory sign?

- Ans
- ☐

1. Width limit
- ☐

2. Stop
- ☒

3. Cross road
- ☐

4. Height limit

Question ID : 630680277771

Option 1 ID : 6306801079442

Option 2 ID : 6306801079443

Option 3 ID : 6306801079444

Option 4 ID : 6306801079441

Status : Answered

Chosen Option : 1

Q.124 Read the following about the analysis of Gravity dams.

A.The friction on the base will stop the dam from sliding, and the weight of the gravity dam will provide a moment opposite to the overturning moment.

B. Another way to stop the dam from moving is to anchor its base into the bedrock.

Identify the INCORRECT statement/statements.

- Ans
- ☐

1. Only B
- ☐

2. Only A
- ☐

3. Both A and B
- ☒

4. Neither A nor B

Question ID : 630680277764

Option 1 ID : 6306801079414

Option 2 ID : 6306801079413

Option 3 ID : 6306801079415

Option 4 ID : 6306801079416

Status : Answered

Chosen Option : 4

Q.125 Which of the following is an imaginary line tangential to the longitudinal curve of the altitude bubble tube at the midpoint?

- Ans

☒

1. Axis of altitude bubble

☐

2. Axis of plate bubble tube

☐

3. Axis of telescope

☐

4. Line of collimation

Question ID : 630680277751

Option 1 ID : 6306801079361

Option 2 ID : 6306801079363

Option 3 ID : 6306801079364

Option 4 ID : 6306801079362

Status : Answered

Chosen Option : 4

Q.126 What should be the effective length of a column held in position at both ends but not restrained against rotation, where L is the length of the column?

- Ans

☐

1. 2.25L

☒

2. 1.00L

☐

3. 0.76L

☐

4. 9.0L

Question ID : 630680277673

Option 1 ID : 6306801079052

Option 2 ID : 6306801079050

Option 3 ID : 6306801079049

Option 4 ID : 6306801079051

Status : Answered

Chosen Option : 2

Q.127 Which of the following is the ranges of temperatures for which hot weather problems for concrete begins?

- Ans

☐

1. 10°F - 20°F

☐

2. 0°F - 10°F

☒

3. 75°F - 100°F

☐

4. 250°F - 300°F

Question ID : 630680277653

Option 1 ID : 6306801078972

Option 2 ID : 6306801078970

Option 3 ID : 6306801078969

Option 4 ID : 6306801078971

Status : Answered

Chosen Option : 3

Q.128 Which of the following is the total cost of construction including land, or the original total amount required to possess a property?

- Ans
- ☒ 1. Capitalized value
 - ☒ 2. Market Value
 - ☒ 3. Book Value
 - ☒ 4. Capital cost

Question ID : 630680277698
Option 1 ID : 6306801079152
Option 2 ID : 6306801079151
Option 3 ID : 6306801079149
Option 4 ID : 6306801079150
Status : Answered
Chosen Option : 4

Q.129 Which of the following units of work are measured in numbers?

- Ans
- ☒ 1. Doors
 - ☒ 2. Partitions
 - ☒ 3. Plastering
 - ☒ 4. Masonry

Question ID : 630680277699
Option 1 ID : 6306801079153
Option 2 ID : 6306801079154
Option 3 ID : 6306801079155
Option 4 ID : 6306801079156
Status : Answered
Chosen Option : 1

Q.130 Which of the following is the first layer of a concrete pavement from the top?

- Ans
- ☒ 1. Subgrade
 - ☒ 2. Concrete slab
 - ☒ 3. Base course
 - ☒ 4. Bitumen surface

Question ID : 630680277781
Option 1 ID : 6306801079484
Option 2 ID : 6306801079481
Option 3 ID : 6306801079482
Option 4 ID : 6306801079483
Status : Answered
Chosen Option : 2

Q.131 Which of the following is the colour of soil containing organic matter?

- Ans ☒ 1. Yellow
☒ 2. Red
☒ 3. Grey
☒ 4. Black

Question ID : 630680277731
Option 1 ID : 6306801079283
Option 2 ID : 6306801079281
Option 3 ID : 6306801079284
Option 4 ID : 6306801079282
Status : Answered
Chosen Option : 3

Q.132 Which of the following signals are used to direct the drivers of the vehicular traffic to proceed with caution?

- Ans ☒ 1. Yellow
☒ 2. White
☒ 3. Green
☒ 4. Red

Question ID : 630680277772
Option 1 ID : 6306801079448
Option 2 ID : 6306801079447
Option 3 ID : 6306801079445
Option 4 ID : 6306801079446
Status : Answered
Chosen Option : 3

Q.133 Which of the following should be the height of slump for better workability of concrete in cold weather?

- Ans ☒ 1. less than 4 inches
☒ 2. less than 10 inches
☒ 3. greater than 55 inches
☒ 4. equal to 35 inches

Question ID : 630680277652
Option 1 ID : 6306801078966
Option 2 ID : 6306801078967
Option 3 ID : 6306801078965
Option 4 ID : 6306801078968
Status : Answered
Chosen Option : 1

Q.134 Which of the following rocks is the best example of plutonic rocks?

- Ans ☒ 1. Dolerite
☒ 2. Sandstone
☒ 3. Granite
☒ 4. Basalt

Question ID : 630680277753
 Option 1 ID : 6306801079371
 Option 2 ID : 6306801079372
 Option 3 ID : 6306801079369
 Option 4 ID : 6306801079370
 Status : Answered
 Chosen Option : 3

Q.135 Read the following statements about Continuity equation.
 A. Continuity equation states that in a steady flow process through a control volume, the inflow and outflow are equal.
 B. It is based on the law of conservation of mass.
 Which of the statement/statements are INCORRECT?

- Ans ☒ 1. Neither A nor B
☒ 2. Only A
☒ 3. Both A and B
☒ 4. Only B

Question ID : 630680277708
 Option 1 ID : 6306801079192
 Option 2 ID : 6306801079189
 Option 3 ID : 6306801079191
 Option 4 ID : 6306801079190
 Status : Answered
 Chosen Option : 1

Q.136 Which of the following is the required number of days for curing Low heat cement?

- Ans ☒ 1. 5
☒ 2. 14
☒ 3. 2
☒ 4. 30

Question ID : 630680277649
 Option 1 ID : 6306801078954
 Option 2 ID : 6306801078956
 Option 3 ID : 6306801078953
 Option 4 ID : 6306801078955
 Status : Answered
 Chosen Option : 2

Q.137 Which of the following types of works consists of cubical contents?

- Ans

☒

1. Cement concrete

☐

2. Plastering

☐

3. Partitions

☐

4. Doors

Question ID : 630680277694

Option 1 ID : 6306801079136

Option 2 ID : 6306801079133

Option 3 ID : 6306801079134

Option 4 ID : 6306801079135

Status : Answered

Chosen Option : 1

Q.138 Which of the following types of sleepers are not suited for yielding formations?

- Ans

☐

1. Steel sleepers

☐

2. Cast-iron sleepers

☒

3. Concrete sleepers

☐

4. HYSD steel sleepers

Question ID : 630680277783

Option 1 ID : 6306801079490

Option 2 ID : 6306801079492

Option 3 ID : 6306801079489

Option 4 ID : 6306801079491

Status : Answered

Chosen Option : 1

Q.139 Which of the following types of works are measured in square units?

- Ans

☐

1. Plastering

☐

2. Cement concrete

☒

3. White washing

☐

4. Windows

Question ID : 630680277703

Option 1 ID : 6306801079171

Option 2 ID : 6306801079172

Option 3 ID : 6306801079170

Option 4 ID : 6306801079169

Status : Answered

Chosen Option : 1

Q.140 Which of the following components of a barrage reduces the uplift pressure on a barrage?

- Ans  1. Fish ladder
-  2. Upstream piles
-  3. Divide wall
-  4. Guide banks

Question ID : 630680277725

Option 1 ID : 6306801079259

Option 2 ID : 6306801079257

Option 3 ID : 6306801079258

Option 4 ID : 6306801079260

Status : Not Answered

Chosen Option : --

