

DSSSB CI

Previous Year Paper

Draughtsman (Civil)

15 Feb, 2024 Shift 3



GOVT. OF NCT OF DELHI
Delhi Subordinate Services Selection Board
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Participant ID	
Participant Name	
Test Center Name	
Test Date	15/02/2024
Test Time	4:30 PM - 6:30 PM
Subject	Craft Instructor Draughtsman Civil (For Degree Diploma Holders)

Section : General intelligence and Reasoning Ability

Q.1 धीरज, जय का भाई है। शिल्पा बिनोद की बहन हैं। जय, शिल्पा का पुत्र है। धीरज, शिल्पा से कैसे संबंधित है?

- Ans
- ✗ 1. पिता
 - ✗ 2. भाई का पुत्र
 - ✗ 3. भाई
 - ✓ 4. पुत्र

Question ID : 630680582271
Option 1 ID : 6306802277928
Option 2 ID : 6306802277929
Option 3 ID : 6306802277930
Option 4 ID : 6306802277927

Q.2 Six people W, V, U, T, S, and R are sitting on a circular table facing outward. T is to the immediate left of U. Only one person sits between U and V. S is in between V and W. V and R sit opposite to each other. Who is sitting to the immediate left of W?

- Ans
- ✗ 1. V
 - ✗ 2. U
 - ✗ 3. S
 - ✓ 4. R

Question ID : 630680582346
Option 1 ID : 6306802278229
Option 2 ID : 6306802278230
Option 3 ID : 6306802278228
Option 4 ID : 6306802278227

Q.3 Four letter-cluster pairs have been given, out of which three are alike in some manner and one is different. Select the odd letter-cluster pair.

- Ans**
- ☐ 1. KR : IP
 - ☐ 2. NJ : LH
 - ☐ 3. ZW : XU
 - ☒ 4. AD : BE

Question ID : 630680582275
Option 1 ID : 6306802277944
Option 2 ID : 6306802277943
Option 3 ID : 6306802277945
Option 4 ID : 6306802277946

Q.4 In a certain code language, if PLAYER is coded as QKBXFQ, then what will SCREAM be coded as?

- Ans**
- ☐ 1. TBSFBL
 - ☐ 2. TBQDBL
 - ☒ 3. TBSDBL
 - ☐ 4. TBSDBN

Question ID : 630680582310
Option 1 ID : 6306802278084
Option 2 ID : 6306802278085
Option 3 ID : 6306802278086
Option 4 ID : 6306802278083

Q.5 How many symbols are there in the given series that are immediately preceded as well as followed by a consonant?

N#OPKRSQ%ZNM&ID@LFY

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

Question ID : 630680582269
Option 1 ID : 6306802277919
Option 2 ID : 6306802277922
Option 3 ID : 6306802277920
Option 4 ID : 6306802277921

Q.6 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 leather are silk.

All silk are cotton.

Conclusions:

I. All leather are cotton.

II. Some silk are cotton.

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

Question ID : 630680582312
Option 1 ID : 6306802278093
Option 2 ID : 6306802278091
Option 3 ID : 6306802278092
Option 4 ID : 6306802278094

Q.7 Which of the following number-letter clusters will replace the question mark (?) in the given series?
I81, J100, L144, O225?

- Ans** ☒ 1. R324
☒ 2. T400
☒ 3. S361
☒ 4. R361

Question ID : 630680582377
Option 1 ID : 6306802278351
Option 2 ID : 6306802278352
Option 3 ID : 6306802278353
Option 4 ID : 6306802278354

Q.8 Select the option that is related to the third word in the same way as the second word is related to the first word.
Circle : Sphere :: Rectangle : ?

- Ans** ☒ 1. Cuboid
☒ 2. Cone
☒ 3. Cylinder
☒ 4. Cube

Question ID : 630680582373
Option 1 ID : 6306802278336
Option 2 ID : 6306802278338
Option 3 ID : 6306802278337
Option 4 ID : 6306802278335

Q.9 Some boxes are kept one over the other. A particular box is found to have 32nd rank from the top and 53rd rank from the bottom. Find the total number of boxes present.

- Ans** ☒ 1. 84
☐ 2. 85
☐ 3. 83
☐ 4. 82

Question ID : 630680582327
 Option 1 ID : 6306802278154
 Option 2 ID : 6306802278153
 Option 3 ID : 6306802278151
 Option 4 ID : 6306802278152

Q.10 उस शब्द युग्म का चयन करें जिसमें शब्द उसी प्रकार से संबंधित हैं जिस प्रकार से शब्द निम्नलिखित युग्म में संबंधित हैं:
 रिक्त : खाली :: ?

- Ans** ☐ 1. दोष : मिश्रण
☒ 2. सुधार : मरम्मत
☐ 3. घर : अपहरण
☐ 4. अनुमान : अनुरोध

Question ID : 630680582334
 Option 1 ID : 6306802278180
 Option 2 ID : 6306802278182
 Option 3 ID : 6306802278179
 Option 4 ID : 6306802278181

Q.11 If '+' means 'subtraction', '÷' means 'division', '×' means 'multiplication', and '-' means 'addition'.

Find the value of $14 \div 7 + 221 \times 17 - 15 = ?$

- Ans** ☐ 1. 110
☐ 2. 102
☐ 3. 112
☒ 4. 100

Question ID : 630680582301
 Option 1 ID : 6306802278047
 Option 2 ID : 6306802278050
 Option 3 ID : 6306802278049
 Option 4 ID : 6306802278048

Q.12 Select the option related to the third number in the same way as the second number is related to the first number.

63 : 189 :: 77 : ?

- Ans**
- ☒ 1. 238
 - ☒ 2. 226
 - ☒ 3. 231
 - ☒ 4. 224

Question ID : 630680582284
Option 1 ID : 6306802277980
Option 2 ID : 6306802277982
Option 3 ID : 6306802277979
Option 4 ID : 6306802277981

Q.13 Which two numbers should be interchanged to make the below equation mathematically correct?

$56 - 10 + 44 \times 27 \div 9 = 202$

- Ans**
- ☒ 1. 44 and 56
 - ☒ 2. 44 and 27
 - ☒ 3. 27 and 9
 - ☒ 4. 27 and 10

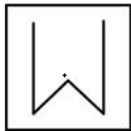
Question ID : 630680582362
Option 1 ID : 6306802278292
Option 2 ID : 6306802278291
Option 3 ID : 6306802278293
Option 4 ID : 6306802278294

Q.14 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. RST
 - ☒ 2. LMN
 - ☒ 3. XYZ
 - ☒ 4. FHG

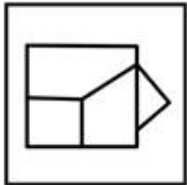
Question ID : 630680582356
Option 1 ID : 6306802278269
Option 2 ID : 6306802278268
Option 3 ID : 6306802278270
Option 4 ID : 6306802278267

Q.15 Select the option figure in which the given figure is embedded. (Rotation is NOT allowed).



Ans

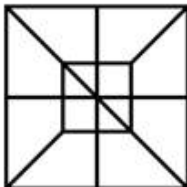
✗ 1.



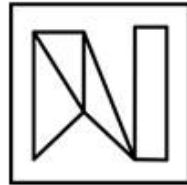
✗ 2.



✗ 3.



✓ 4.



Question ID : 630680582319
Option 1 ID : 6306802278122
Option 2 ID : 6306802278120
Option 3 ID : 6306802278121
Option 4 ID : 6306802278119

Q.16 Select the option in which the numbers are related in the same way as are the numbers of the following set.
(85, 99, 113)

Ans

✗ 1. (89,104,111)

✗ 2. (12, 45, 70)

✗ 3. (43, 55, 67)

✓ 4. (96,110,124)

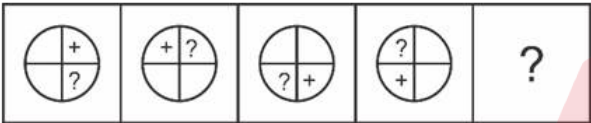
Question ID : 630680582385
Option 1 ID : 6306802278384
Option 2 ID : 6306802278386
Option 3 ID : 6306802278383
Option 4 ID : 6306802278385

Q.17 Six persons J, L, N, P, R, and T live in a six-storey building. The ground floor is numbered 1, the floor just above it is numbered 2, and so on till the topmost floor which is numbered 6. Four persons live between J and P. L lives on the floor immediately below the floor of T. N lives on the floor immediately below the floor of R. J lives on the topmost floor and T lives just below J. Who lives on the second floor?

- Ans
- ☒ 1. L
 - ☒ 2. N
 - ☒ 3. T
 - ☒ 4. R

Question ID : 630680582268
Option 1 ID : 6306802277916
Option 2 ID : 6306802277918
Option 3 ID : 6306802277915
Option 4 ID : 6306802277917

Q.18 Select the figure that will replace the question mark (?) in the following figure series.



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Question ID : 630680582358
Option 1 ID : 6306802278276
Option 2 ID : 6306802278278
Option 3 ID : 6306802278277
Option 4 ID : 6306802278275

Q.19 Which number will replace the question mark (?) in the given series?

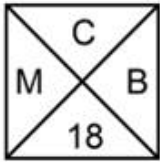
40, 40, 80, 240, ?, 4800

- Ans
- ☒ 1. 970
 - ☒ 2. 950
 - ☒ 3. 960
 - ☒ 4. 940

Question ID : 630680582323
Option 1 ID : 6306802278135
Option 2 ID : 6306802278138
Option 3 ID : 6306802278137
Option 4 ID : 6306802278136

Q.20 Choose the figure which is different from the rest.

Ans

- ☒ 1. 
- ☒ 2. 
- ☒ 3. 
- ☒ 4. 

Question ID : 630680582280
Option 1 ID : 6306802277966
Option 2 ID : 6306802277963
Option 3 ID : 6306802277965
Option 4 ID : 6306802277964

Q.1 Adult amphibians can breathe both through cutaneous respiration. This means they can breathe through their_____.

- Ans ☒ 1. heart
☒ 2. mouth
☒ 3. gills
☒ 4. skin

Question ID : 630680582128
 Option 1 ID : 6306802277382
 Option 2 ID : 6306802277380
 Option 3 ID : 6306802277379
 Option 4 ID : 6306802277381

Q.2 Which state in India is known for the occurrence of the phenomenon called "Cherrapunji Effect," leading to heavy rainfall?

- Ans ☒ 1. Assam
☒ 2. Meghalaya
☒ 3. West Bengal
☒ 4. Kerala

Question ID : 630680582082
 Option 1 ID : 6306802277195
 Option 2 ID : 6306802277196
 Option 3 ID : 6306802277198
 Option 4 ID : 6306802277197

Q.3 Which vitamin is essential for the synthesis of collagen, a protein that provides structure to connective tissues in the body?

- Ans ☒ 1. Vitamin E
☒ 2. Vitamin C
☒ 3. Vitamin A
☒ 4. Vitamin D

Question ID : 630680582049
 Option 1 ID : 6306802277066
 Option 2 ID : 6306802277064
 Option 3 ID : 6306802277063
 Option 4 ID : 6306802277065

Q.4 India faced a significant environmental challenge in 2022 due to unprecedented levels of air pollution in which major city?

- Ans ☒ 1. Delhi
☒ 2. Pune
☒ 3. Assam
☒ 4. Indore

Question ID : 630680582053
 Option 1 ID : 6306802277079
 Option 2 ID : 6306802277080
 Option 3 ID : 6306802277082
 Option 4 ID : 6306802277081

Q.5 Right to constitutional remedies (as per Indian Constitution), includes_____.

- Ans ☒ 1. writs to apex court
☐ 2. writs to district court
☐ 3. writs to family court
☐ 4. writs to high court

Question ID : 630680582105
Option 1 ID : 6306802277290
Option 2 ID : 6306802277289
Option 3 ID : 6306802277287
Option 4 ID : 6306802277288

Q.6 _____ is an Indian woman who created history as she became the first person from India, to operate the Mars rover with the National Aeronautics and Space Administration (NASA) in the United States.(November 2023)

- Ans ☐ 1. Sudha Krishnamurthy
☒ 2. Akshata Krishnamurthy
☐ 3. Kavita Krishnamurthy
☐ 4. Rishi Krishnamurthy

Question ID : 630680582091
Option 1 ID : 6306802277233
Option 2 ID : 6306802277232
Option 3 ID : 6306802277231
Option 4 ID : 6306802277234

Q.7 In a bid to prevent train-elephant collisions, Railway Minister Ashwini Vaishnaw announced the development of _____, an indigenous software utilizing optical fiber cable (OFC) to alert the locomotive pilot of any suspicious activity on or near rail tracks.

- Ans ☐ 1. Elephant corridor
☐ 2. Giriraj
☒ 3. Gajraj
☐ 4. Gajpath

Question ID : 630680582112
Option 1 ID : 6306802277318
Option 2 ID : 6306802277315
Option 3 ID : 6306802277317
Option 4 ID : 6306802277316

Q.8 How is Net Domestic Product (NDP) calculated?

- Ans ☐ 1. NDP is equal to GDP plus depreciation.
☐ 2. NDP is equal to the total value of goods and services produced within a country's borders.
☒ 3. NDP is equal to Gross Domestic Product (GDP) minus depreciation.
☐ 4. NDP is equal to Gross National Product (GNP) minus net exports.

Question ID : 630680582055
Option 1 ID : 6306802277088
Option 2 ID : 6306802277090
Option 3 ID : 6306802277087
Option 4 ID : 6306802277089

Q.9 Which among the options given, stands out for being non classical language of India.

- Ans ☒ 1. Tamil
- ☒ 2. Odia
- ☒ 3. Bengali
- ☒ 4. Telugu

Question ID : 630680582120
Option 1 ID : 6306802277348
Option 2 ID : 6306802277350
Option 3 ID : 6306802277347
Option 4 ID : 6306802277349

Q.10 _____ was written by Rabindra Nath Tagore and is winner of Nobel Prize in Literature in 1913.

- Ans ☒ 1. Pushpanjali
- ☒ 2. Geeta
- ☒ 3. Geet Govind
- ☒ 4. Geetanjali

Question ID : 630680582119
Option 1 ID : 6306802277345
Option 2 ID : 6306802277344
Option 3 ID : 6306802277343
Option 4 ID : 6306802277346

Q.11 _____ topped the National Games 2023 medals tally with 228 medals. (November 2023)

- Ans ☒ 1. Madhya Pradesh
- ☒ 2. Maharashtra
- ☒ 3. Delhi
- ☒ 4. West Bengal

Question ID : 630680582110
Option 1 ID : 6306802277307
Option 2 ID : 6306802277310
Option 3 ID : 6306802277308
Option 4 ID : 6306802277309

Q.12 First Railway line inaugurated between Bombay and Thane and a Telegraph line in Calcutta.

- Ans ☒ 1. 1835
- ☒ 2. 1873
- ☒ 3. 1583
- ☒ 4. 1853

Question ID : 630680582116
Option 1 ID : 6306802277334
Option 2 ID : 6306802277332
Option 3 ID : 6306802277333
Option 4 ID : 6306802277331

Q.13 The Indian National Army (INA) was formed by Subhas Chandra Bose during World War II. Which country provided significant support to the INA?

- Ans
- ☒ 1. Germany
 - ☒ 2. Japan
 - ☒ 3. Italy
 - ☒ 4. Soviet Union

Question ID : 630680582057
Option 1 ID : 6306802277095
Option 2 ID : 6306802277097
Option 3 ID : 6306802277096
Option 4 ID : 6306802277098

Q.14 In microeconomics, what does the term "economies of scale" refer to?

- Ans
- ☒ 1. Fixed costs that do not change with the level of output
 - ☒ 2. Variable costs that do not change with the level of output
 - ☒ 3. Increasing average total cost as output increases
 - ☒ 4. Decreasing average total cost as output increases

Question ID : 630680582074
Option 1 ID : 6306802277165
Option 2 ID : 6306802277166
Option 3 ID : 6306802277163
Option 4 ID : 6306802277164

Q.15 _____, जून 1897 में चार्ल्स रैंड की हत्या कर दी। यह भारतीय स्वतंत्रता संग्राम के इतिहास में एक महत्वपूर्ण घटना थी, क्योंकि इसने क्रांतिकारी हिंसा के कृत्य को बढ़ावा दिया जो तीन दशकों से अधिक समय तक अंग्रेजों के लिए कांटा बना रहा।

- Ans
- ☒ 1. आजाद
 - ☒ 2. भगत सिंह
 - ☒ 3. चापेकर बंधु
 - ☒ 4. तिलक

Question ID : 630680582118
Option 1 ID : 6306802277341
Option 2 ID : 6306802277342
Option 3 ID : 6306802277339
Option 4 ID : 6306802277340

Q.16 As of 2023, when was the recent census conducted in India?

Ans ☒ 1. 2011

☐ 2. 1991

☐ 3. 2001

☐ 4. 2021

Question ID : 630680582024

Option 1 ID : 6306802276965

Option 2 ID : 6306802276963

Option 3 ID : 6306802276964

Option 4 ID : 6306802276966

Q.17 the North-Eastern states account for over 17 million hectares, roughly_____ of the forest area of the country.

Ans ☒ 1. one-fourth

☐ 2. half

☐ 3. one-fifth

☐ 4. more than half

Question ID : 630680582103

Option 1 ID : 6306802277282

Option 2 ID : 6306802277279

Option 3 ID : 6306802277280

Option 4 ID : 6306802277281

Q.18 The First Finance Commission was constituted vide Presidential Order chairmanship of Shri _____ on 6th April, 1952.

Ans ☐ 1. George Fernandes

☒ 2. K.C. Neogy

☐ 3. Indira Gandhi

☐ 4. Jawaharlal Nehru

Question ID : 630680582106

Option 1 ID : 6306802277294

Option 2 ID : 6306802277292

Option 3 ID : 6306802277291

Option 4 ID : 6306802277293

Q.19 कार्तिक या मार्गशिरा पूर्णिमा के अनुरूप अक्टूबर या नवंबर महीने के दौरान रोहिणी नक्षत्र के साथ पूर्णिमा के दिन, हुइदारी की चावल-फसल का जश्न _____ (कोडगु) में मनाया जाता है।

Ans ☐ 1. पणजी

☒ 2. कूर्ग

☐ 3. बेंगलुरु

☐ 4. तेलंगाना

Question ID : 630680582121

Option 1 ID : 6306802277354

Option 2 ID : 6306802277353

Option 3 ID : 6306802277351

Option 4 ID : 6306802277352

Q.20 भारतीय संसद के संदर्भ में, बजट सत्र के दौरान "गिलोटिन" का क्या महत्व है?

- Ans
- ☒ 1. अनावश्यक व्यय में कटौती के लिए एक बजटीय साधन
 - ☒ 2. अंतर्राष्ट्रीय गणमान्य व्यक्तियों के लिए एक औपचारिक सत्र
 - ☒ 3. फ्रास्ट-ट्रैकिंग बिलों के लिए एक विधायी प्रक्रिया
 - ☒ 4. वित्तीय लेखापरीक्षा की देखरेख करने वाली एक समिति

Question ID : 630680582067
Option 1 ID : 6306802277135
Option 2 ID : 6306802277138
Option 3 ID : 6306802277137
Option 4 ID : 6306802277136

Section : Arithmetical and Numerical Ability

Q.1 एक पंसारी दो प्रकार की दालों का मिश्रण ₹ 20 प्रति kg मूल्य पर बेचता है। इस विक्रय मूल्य तक पहुँचने के लिए उसे दालों को किस अनुपात में मिलाना होगा, जब दालों की एक किस्म की कीमत ₹ 19 प्रति kg है और दूसरी की कीमत ₹ 23 प्रति kg है?

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

Question ID : 630680582648
Option 1 ID : 6306802279412
Option 2 ID : 6306802279411
Option 3 ID : 6306802279414
Option 4 ID : 6306802279413

Q.2 एक आदमी स्थिर पानी में 20 km/hr की गति से नाव चला सकता है। यदि नदी 4 km/hr की गति से बहती है, तो उसे एक स्थान तक जाने और वापस आने में 20 घंटे लगते हैं। वह स्थान आरंभिक बिंदु से कितनी दूर है?

- Ans
- ☒ 1. 188 km
 - ☒ 2. 192 km
 - ☒ 3. 166 km
 - ☒ 4. 148 km

Question ID : 630680582644
Option 1 ID : 6306802279397
Option 2 ID : 6306802279395
Option 3 ID : 6306802279396
Option 4 ID : 6306802279398

Q.3 Train A and Train B are moving towards each other. If they are initially 472 km apart and Train A is moving at 63 km/h while Train B is moving at 55 km/h, how long will it take for them to cross each other?

- Ans**
- ☒ 1. 5 hours
 - ☒ 2. 7 hours
 - ☒ 3. 4 hours
 - ☒ 4. 10 hours

Question ID : 630680582643
Option 1 ID : 6306802279392
Option 2 ID : 6306802279393
Option 3 ID : 6306802279391
Option 4 ID : 6306802279394

Q.4 If $0.33 : x :: 11 : 20$, then find the value of x.

- Ans**
- ☒ 1. 5:4
 - ☒ 2. 3:4
 - ☒ 3. 5:3
 - ☒ 4. 3:5

Question ID : 630680582660
Option 1 ID : 6306802279459
Option 2 ID : 6306802279462
Option 3 ID : 6306802279461
Option 4 ID : 6306802279460

Q.5 How many prime numbers are there between 33 and 50?

- Ans**
- ☒ 1. 6
 - ☒ 2. 4
 - ☒ 3. 5
 - ☒ 4. 3

Question ID : 630680582633
Option 1 ID : 6306802279354
Option 2 ID : 6306802279353
Option 3 ID : 6306802279352
Option 4 ID : 6306802279351

Q.6 A mobile phone priced at ₹18,000 and has a 20% discount. What additional discount is needed to bring the net price down to ₹9360?

- Ans** ☒ 1. 35%
☐ 2. 22%
☐ 3. 30%
☐ 4. 25%

Question ID : 630680582719
 Option 1 ID : 6306802279697
 Option 2 ID : 6306802279695
 Option 3 ID : 6306802279696
 Option 4 ID : 6306802279698

Q.7 The ratio between the sum, difference, and product of two numbers is 30:8:209 respectively. Find the sum of their squares.

- Ans** ☐ 1. 460
☒ 2. 482
☐ 3. 450
☐ 4. 472

Question ID : 630680582721
 Option 1 ID : 6306802279705
 Option 2 ID : 6306802279704
 Option 3 ID : 6306802279703
 Option 4 ID : 6306802279706

Q.8 A cone of height 33 cm reshapes in the form of a cylinder of the same radius as the cone. Find the height of the cylinder.

- Ans** ☐ 1. 15 cm
☒ 2. 11 cm
☐ 3. 10 cm
☐ 4. 9 cm

Question ID : 630680582647
 Option 1 ID : 6306802279410
 Option 2 ID : 6306802279409
 Option 3 ID : 6306802279408
 Option 4 ID : 6306802279407

Q.9 What is the largest number, which exactly divides 159, 265, 371 and 583?

- Ans** ☐ 1. 57
☐ 2. 55
☐ 3. 59
☒ 4. 53

Question ID : 630680582695
 Option 1 ID : 6306802279601
 Option 2 ID : 6306802279599
 Option 3 ID : 6306802279602
 Option 4 ID : 6306802279600

Q.10 A number is increased by 28% and then again by 28%. By what percent approximately should the increased number be reduced to get back the original number?

- Ans**
- ☒ 1. 38%
 - ☒ 2. 39%
 - ☒ 3. 33%
 - ☒ 4. 34%

Question ID : 630680582717
Option 1 ID : 6306802279689
Option 2 ID : 6306802279690
Option 3 ID : 6306802279687
Option 4 ID : 6306802279688

Q.11 Determine the area of a trapezoid with a height of 6 cm, one base of 22 cm, and the other base of 18 cm.

- Ans**
- ☒ 1. 120 cm²
 - ☒ 2. 125 cm²
 - ☒ 3. 110 cm²
 - ☒ 4. 100 cm²

Question ID : 630680582665
Option 1 ID : 6306802279479
Option 2 ID : 6306802279482
Option 3 ID : 6306802279481
Option 4 ID : 6306802279480

Q.12 X and Y can fill a cistern in 45 hours and 20 hours respectively, while Z can empty it in 30 hours. If all three are opened at the same time, how long will it take to fill the cistern?

- Ans**
- ☒ 1. 180/7 hours
 - ☒ 2. 192/11 hours
 - ☒ 3. 190/9 hours
 - ☒ 4. 185/6 hours

Question ID : 630680582722
Option 1 ID : 6306802279707
Option 2 ID : 6306802279710
Option 3 ID : 6306802279708
Option 4 ID : 6306802279709

Q.13 The income of C is 40% more than B and the income of B is 50% more than A. Find by how much percent C's income is more than A's.

- Ans**
- ☒ 1. 90%
 - ☒ 2. 120%
 - ☒ 3. 110%
 - ☒ 4. 100%

Question ID : 630680582656
Option 1 ID : 6306802279444
Option 2 ID : 6306802279445
Option 3 ID : 6306802279443
Option 4 ID : 6306802279446

Q.14 In how many years will a sum of money be three times itself at 80% per annum simple interest?

- Ans
- ☐ 1. $9/2$ years
 - ☐ 2. $7/2$ years
 - ☐ 3. $8/3$ years
 - ☒ 4. $5/2$ years

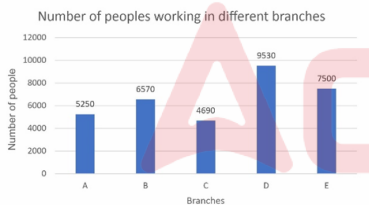
Question ID : 630680582709
Option 1 ID : 6306802279657
Option 2 ID : 6306802279655
Option 3 ID : 6306802279656
Option 4 ID : 6306802279658

Q.15 Find the value of $1.25 \times 21 \div 8.75 + 10$

- Ans
- ☐ 1. 11
 - ☒ 2. 13
 - ☐ 3. 12
 - ☐ 4. 10

Question ID : 630680582654
Option 1 ID : 6306802279435
Option 2 ID : 6306802279438
Option 3 ID : 6306802279437
Option 4 ID : 6306802279436

Q.16 The bar graph shows the number of employees in five different branches of a company. What is the average number of employees across all branches?



- Ans
- ☐ 1. 6507
 - ☐ 2. 6710
 - ☒ 3. 6708
 - ☐ 4. 6650

Question ID : 630680582712
Option 1 ID : 6306802279667
Option 2 ID : 6306802279670
Option 3 ID : 6306802279669
Option 4 ID : 6306802279668

Q.17 By selling an article for ₹5425, one gains ₹1925. What is the gain percent?

- Ans ☒ 1. 50%
☒ 2. 55%
☒ 3. 47%
☒ 4. 53%

Question ID : 630680582638
Option 1 ID : 6306802279373
Option 2 ID : 6306802279374
Option 3 ID : 6306802279372
Option 4 ID : 6306802279371

Q.18 The table shows the number of marriage events and the number of birthday events organized in a resort in 5 years. Find the total number of events organized in 5 years.

Year	Number of marriage events organized	Number of birthday events organized
2018	450	950
2019	650	750
2020	550	850
2021	350	750
2022	440	560

- Ans ☒ 1. 7000
☒ 2. 6500
☒ 3. 6300
☒ 4. 7200

Question ID : 630680582691
Option 1 ID : 6306802279586
Option 2 ID : 6306802279584
Option 3 ID : 6306802279583
Option 4 ID : 6306802279585

Q.19 At what time will ₹ 2400 become ₹ 2957.04 at 11% per annum compounded annually?

- Ans ☒ 1. 1 year
☒ 2. 3 years
☒ 3. 1.5 years
☒ 4. 2 years

Question ID : 630680582650
Option 1 ID : 6306802279421
Option 2 ID : 6306802279420
Option 3 ID : 6306802279422
Option 4 ID : 6306802279419

Q.20 The box dimensions are length - 27 cm, breadth - 30 cm, and height - 18 cm. Determine the maximum length of a ruler that can fit in the box.

- Ans**
- ☒ 1. $5\sqrt{217}$ cm
 - ☒ 2. $3\sqrt{217}$ cm
 - ☒ 3. $4\sqrt{217}$ cm
 - ☒ 4. $6\sqrt{217}$ cm

Question ID : 630680582626
Option 1 ID : 6306802279324
Option 2 ID : 6306802279323
Option 3 ID : 6306802279325
Option 4 ID : 6306802279326

Section : Test of English Language and Comprehension

Q.1 Select the word from the options which is exactly opposite in meaning to the bracketed word given in the sentence below.

The State Department reportedly said it helped (facilitate) the transfer.

- Ans**
- ☒ 1. smooth
 - ☒ 2. expedite
 - ☒ 3. block
 - ☒ 4. further

Question ID : 630680581958
Option 1 ID : 6306802276713
Option 2 ID : 6306802276712
Option 3 ID : 6306802276714
Option 4 ID : 6306802276711

Q.2 Four sentences are given, out of which one sentence has spelling error/ errors. Choose the sentence with the incorrect spelt words.

- Ans**
- ☒ 1. The car was moving slowly but still somehow hit the scooter in front of it.
 - ☒ 2. Little did I know that he works so diligently on his assignments.
 - ☒ 3. I am a very passionate writer. It can be seen from my work.
 - ☒ 4. Charlie is a very learned person. He reads vorasiously and broadly.

Question ID : 630680581996
Option 1 ID : 6306802276856
Option 2 ID : 6306802276855
Option 3 ID : 6306802276857
Option 4 ID : 6306802276858

Q.3 Fill in the blank with the most appropriate option.

There was a trampling of boots and another blast on the comb as _____ children charged into the living-room.

- Ans
- ☐ 1. an
 - ☐ 2. that
 - ☐ 3. a
 - ☒ 4. the

Question ID : 630680581926
Option 1 ID : 6306802276590
Option 2 ID : 6306802276588
Option 3 ID : 6306802276589
Option 4 ID : 6306802276587

Q.4 The sentences given below are all part of a paragraph but do not necessarily fall in the order that they are in. The first and the last sentences of the paragraph are given. Choose the option that arranges these sentences to form a meaningful paragraph.

To John's rebellion against his father, Henry of England, the younger Montfichet had given himself body and soul.

- A. Geoffrey felt it incumbent upon him to remain with the beaten side, and endeavour to recover the advantage lost to them.
- B. under a promise that the prince (if successful) would grant them amnesty and
- C. To this end he now journeyed through the Midlands in many disguises, trying to stir up the outlaws and robbers of the forests to take up arms with John,
- D. The prince had shown him kindness, and now that the rebellion had failed,

a goodly share of the spoils sure to fall to them.

- Ans
- ☐ 1. CDAB
 - ☒ 2. DACB
 - ☐ 3. ABDC
 - ☐ 4. BACD

Question ID : 630680581890
Option 1 ID : 6306802276452
Option 2 ID : 6306802276453
Option 3 ID : 6306802276454
Option 4 ID : 6306802276451

Q.5 Fill in the blank with the most appropriate option.

The _____ crowd celebrated the return of their war heroes.

- Ans
- ☐ 1. few
 - ☒ 2. jubilant
 - ☐ 3. tasty
 - ☐ 4. running

Question ID : 630680581991
Option 1 ID : 6306802276835
Option 2 ID : 6306802276837
Option 3 ID : 6306802276836
Option 4 ID : 6306802276838

Q.6 The sentences given below are all part of a paragraph but do not necessarily fall in the order that they are in. The first and the last sentences of the paragraph are given. Choose the option that arranges these sentences to form a meaningful paragraph.

He sat, well in front, trying to keep his eyes on the platform, because he knew that many people were looking at him and would look at him later.

- A He did not glance back, but the consciousness of those centred glances never left him.
- B. His head had a certain classical perfection in the shape of the skull, in the natural wave of black ringlets about finely hollowed temples.
- C. His eyes were dark, alert, intelligent. His mouth, a small upturned crescent faultlessly traced, was gentle and generous, and warm with the faint promise of a smile.
- D. He held his head in the manner of one who takes his beauty for granted, but knows that others do not.

He was Peter Keating, star student of Stanton, president of the student body, captain of the track team, member of the most important fraternity, voted the most popular man on the campus.

- Ans
- ☒ 1. DABC
 - ☒ 2. BDAC
 - ☒ 3. ACBD
 - ☒ 4. CBDA

Question ID : 630680581910
Option 1 ID : 6306802276527
Option 2 ID : 6306802276530
Option 3 ID : 6306802276528
Option 4 ID : 6306802276529

Q.7 Four sentences are given, out of which one sentence has spelling error/ errors. Choose the sentence with the incorrect spelt words.

- Ans
- ☒ 1. He had nothing but gloomy thoughts upon him as he trudged towards the Squire's domain.
 - ☒ 2. He had taken up the poker again; without which, I doubt if he could have proceeded in his demonstration.
 - ☒ 3. Classes comenced the following morning, and along with my fellow students I climbed the steps to the first floor.
 - ☒ 4. Roark learned to face his own landlord with the quiet statement that he could not pay him for another week.

Question ID : 630680581934
Option 1 ID : 6306802276621
Option 2 ID : 6306802276620
Option 3 ID : 6306802276619
Option 4 ID : 6306802276622

Q.8 Fill in the blank with the most appropriate option.

Sherlock Holmes told Mrs Bright that he had discovered the secret compartment
_____ the antique desk.

- Ans
- ☒ 1. unlike
 - ☒ 2. into
 - ☒ 3. in spite
 - ☒ 4. inside

Question ID : 630680581993
Option 1 ID : 6306802276845
Option 2 ID : 6306802276844
Option 3 ID : 6306802276846
Option 4 ID : 6306802276843

Q.9 Select the word from the options which is the same in meaning to the bracketed word given in the sentence below.

The number of women who opt for this type of experience is too large to (relegate) to the fringe.

- Ans
- ☒ 1. demote
 - ☒ 2. keep
 - ☒ 3. deny
 - ☒ 4. disapprove

Question ID : 630680581980
Option 1 ID : 6306802276795
Option 2 ID : 6306802276797
Option 3 ID : 6306802276796
Option 4 ID : 6306802276798

Q.10 Select the most appropriate meaning of the given proverb.

An empty vessel makes much noise.

- Ans
- ☒ 1. If you've nothing to do, you'll likely think of mischief.
 - ☒ 2. People with knowledge are often looked upon.
 - ☒ 3. One never regrets taking a stand.
 - ☒ 4. Fools and persons with shallow knowledge often talk a lot.

Question ID : 630680581936
Option 1 ID : 6306802276630
Option 2 ID : 6306802276627
Option 3 ID : 6306802276628
Option 4 ID : 6306802276629

Q.11 Fill in the blank with the most appropriate option.

_____ I slipped from the chair and lay on the floor.

- Ans
- ☒ 1. Evidently
 - ☒ 2. Gradually
 - ☒ 3. Meaningfully
 - ☒ 4. Verbally

Question ID : 630680581971
Option 1 ID : 6306802276760
Option 2 ID : 6306802276762
Option 3 ID : 6306802276759
Option 4 ID : 6306802276761

Q.12 Select the word from the options which is exactly opposite in meaning to the bracketed word given in the sentence below.

It's a reality at the centre of fresh (tumult) in the food media world.

- Ans
- ☒ 1. commotion
 - ☒ 2. agreement
 - ☒ 3. agitation
 - ☒ 4. convulsion

Question ID : 630680581918
Option 1 ID : 6306802276561
Option 2 ID : 6306802276560
Option 3 ID : 6306802276559
Option 4 ID : 6306802276562

Q.13 Select the most appropriate meaning of the given idiom.

Nutty as a fruitcake.

- Ans
- ☒ 1. Crazy or strange in behaviour.
 - ☒ 2. Something that is not likely to ever happen.
 - ☒ 3. To become tied up.
 - ☒ 4. To be naughty.

Question ID : 630680581956
Option 1 ID : 6306802276704
Option 2 ID : 6306802276705
Option 3 ID : 6306802276706
Option 4 ID : 6306802276703

Q.14 Fill in the blank with the most appropriate option.

In _____ intellectual way, Syme was venomously orthodox.

- Ans ☒ 1. an
☒ 2. a
☒ 3. the
☒ 4. these

Question ID : 630680581948
Option 1 ID : 6306802276672
Option 2 ID : 6306802276674
Option 3 ID : 6306802276673
Option 4 ID : 6306802276671

Q.15 Select the word from the options which is the same in meaning to the bracketed word given in the sentence below.

What these trips show is that there is a bit of (nuance) to life in North Korea.

- Ans ☒ 1. nuisance
☒ 2. distinction
☒ 3. brightness
☒ 4. information

Question ID : 630680581898
Option 1 ID : 6306802276486
Option 2 ID : 6306802276485
Option 3 ID : 6306802276483
Option 4 ID : 6306802276484

Comprehension:

Read the given passage carefully and select the most appropriate answer to the questions that follow.

Prior to the Chinese invasion the prevalent political and military thinking was that there would be no war with China. The Chinese were our friends, and the only combustible issue was the un-demarcated Indo-Tibetan border. We accepted the possibility of some misunderstanding about the actual alignment of these remote areas, and were prepared for incursions and border clashes; but rejected the probability of a major military conflict. India was therefore taken by complete surprise politically, diplomatically and strategically. The Government had not prepared the nation for war. The Prime Minister of India, Mr. Jawaharlal Nehru expressed the view that the Chinese had treacherously stabbed India in the back. He was shocked and dismayed by the sudden, unforeseen developments. In a radio talk at that time, he said, "I am grieved at the setbacks to our troops that have occurred on the frontier, and the reverses we have had. They were overwhelmed by vast numbers and big artillery, mountain guns and heavy mortars which the Chinese have brought with them". This was a courageous but sad admission of failure by the executive head of Government.

SubQuestion No : 16

Q.16 Identify the inferences drawn from the passage .

- Ans
- ☐ 1. Invasion happened despite the demarcated boundary.
 - ☐ 2. The Indian Government had refused to clearly demarcate a boundary which led to the invasion.
 - ☒ 3. Prior to the invasion the Indian political and military thinking was that the Chinese were their friends.
 - ☐ 4. The Indian military was prepared for war.

Question ID : 630680581945
Option 1 ID : 6306802276659
Option 2 ID : 6306802276662
Option 3 ID : 6306802276661
Option 4 ID : 6306802276660

Comprehension:

Read the given passage carefully and select the most appropriate answer to the questions that follow.

Prior to the Chinese invasion the prevalent political and military thinking was that there would be no war with China. The Chinese were our friends, and the only combustible issue was the un-demarcated Indo-Tibetan border. We accepted the possibility of some misunderstanding about the actual alignment of these remote areas, and were prepared for incursions and border clashes; but rejected the probability of a major military conflict. India was therefore taken by complete surprise politically, diplomatically and strategically. The Government had not prepared the nation for war. The Prime Minister of India, Mr. Jawaharlal Nehru expressed the view that the Chinese had treacherously stabbed India in the back. He was shocked and dismayed by the sudden, unforeseen developments. In a radio talk at that time, he said, "I am grieved at the setbacks to our troops that have occurred on the frontier, and the reverses we have had. They were overwhelmed by vast numbers and big artillery, mountain guns and heavy mortars which the Chinese have brought with them". This was a courageous but sad admission of failure by the executive head of Government.

SubQuestion No : 17

Q.17 Identify the suitable title for the passage .

- Ans
- ☐ 1. The Un-demarcated Boundary
 - ☐ 2. The Prime Minister of India
 - ☐ 3. The Indian Government
 - ☒ 4. The Great Failure

Question ID : 630680581942
Option 1 ID : 6306802276647
Option 2 ID : 6306802276648
Option 3 ID : 6306802276649
Option 4 ID : 6306802276650

Comprehension:

Read the given passage carefully and select the most appropriate answer to the questions that follow.

Prior to the Chinese invasion the prevalent political and military thinking was that there would be no war with China. The Chinese were our friends, and the only combustible issue was the un-demarcated Indo-Tibetan border. We accepted the possibility of some misunderstanding about the actual alignment of these remote areas, and were prepared for incursions and border clashes; but rejected the probability of a major military conflict. India was therefore taken by complete surprise politically, diplomatically and strategically. The Government had not prepared the nation for war. The Prime Minister of India, Mr. Jawaharlal Nehru expressed the view that the Chinese had treacherously stabbed India in the back. He was shocked and dismayed by the sudden, unforeseen developments. In a radio talk at that time, he said, "I am grieved at the setbacks to our troops that have occurred on the frontier, and the reverses we have had. They were overwhelmed by vast numbers and big artillery, mountain guns and heavy mortars which the Chinese have brought with them". This was a courageous but sad admission of failure by the executive head of Government.

SubQuestion No : 18

Q.18 Identify the tone of the passage .

- Ans
- ☒ 1. Ethical
 - ☒ 2. Cynical
 - ☒ 3. Incendiary
 - ☒ 4. Derisive

Question ID : 630680581943
Option 1 ID : 6306802276652
Option 2 ID : 6306802276653
Option 3 ID : 6306802276651
Option 4 ID : 6306802276654

Comprehension:

Read the given passage carefully and select the most appropriate answer to the questions that follow.

Prior to the Chinese invasion the prevalent political and military thinking was that there would be no war with China. The Chinese were our friends, and the only combustible issue was the un-demarcated Indo-Tibetan border. We accepted the possibility of some misunderstanding about the actual alignment of these remote areas, and were prepared for incursions and border clashes; but rejected the probability of a major military conflict. India was therefore taken by complete surprise politically, diplomatically and strategically. The Government had not prepared the nation for war. The Prime Minister of India, Mr. Jawaharlal Nehru expressed the view that the Chinese had treacherously stabbed India in the back. He was shocked and dismayed by the sudden, unforeseen developments. In a radio talk at that time, he said, "I am grieved at the setbacks to our troops that have occurred on the frontier, and the reverses we have had. They were overwhelmed by vast numbers and big artillery, mountain guns and heavy mortars which the Chinese have brought with them". This was a courageous but sad admission of failure by the executive head of Government.

SubQuestion No : 19

Q.19 Identify the central theme of the passage

- Ans
- ☒ 1. The supreme art of war is to subdue the enemy without fighting.
 - ☒ 2. Keep your friends close and enemies closer.
 - ☒ 3. The unidentified enemy.
 - ☒ 4. The unpreparedness of the India Government with respect to the Chinese invasion.

Question ID : 630680581944
Option 1 ID : 6306802276657
Option 2 ID : 6306802276655
Option 3 ID : 6306802276658
Option 4 ID : 6306802276656

Comprehension:

Read the given passage carefully and select the most appropriate answer to the questions that follow.

Prior to the Chinese invasion the prevalent political and military thinking was that there would be no war with China. The Chinese were our friends, and the only combustible issue was the un-demarcated Indo-Tibetan border. We accepted the possibility of some misunderstanding about the actual alignment of these remote areas, and were prepared for incursions and border clashes; but rejected the probability of a major military conflict. India was therefore taken by complete surprise politically, diplomatically and strategically. The Government had not prepared the nation for war. The Prime Minister of India, Mr. Jawaharlal Nehru expressed the view that the Chinese had treacherously stabbed India in the back. He was shocked and dismayed by the sudden, unforeseen developments. In a radio talk at that time, he said, "I am grieved at the setbacks to our troops that have occurred on the frontier, and the reverses we have had. They were overwhelmed by vast numbers and big artillery, mountain guns and heavy mortars which the Chinese have brought with them". This was a courageous but sad admission of failure by the executive head of Government.

SubQuestion No : 20

Q.20 Select the options which is the most appropriate meaning of the bracketed word given in the sentence below.

'The Prime Minister of India, Mr. Jawaharlal Nehru expressed the view that the Chinese had (treacherously) stabbed India in the back'

- Ans**
- ☒ 1. A situation favouring some purpose.
 - ☒ 2. A source of danger.
 - ☒ 3. An unforeseen and unplanned event or circumstance.
 - ☒ 4. Likely to betray trust.

Question ID : 630680581946
Option 1 ID : 6306802276665
Option 2 ID : 6306802276663
Option 3 ID : 6306802276664
Option 4 ID : 6306802276666

Section : Test of Hindi Language and Comprehension

Q.1 निम्नलिखित प्रश्न में, चार विकल्पों में से, उस विकल्प का चयन करें जो दिए गए मुहावरे का सही अर्थ वाला विकल्प है।
नींव की ईंट होना

- Ans**
- ☒ 1. प्रमुख आधार होना
 - ☒ 2. अत्यधिक खुश होना
 - ☒ 3. लज्जित होना
 - ☒ 4. खूब कोशिश करना

Question ID : 630680582139
Option 1 ID : 6306802277424
Option 2 ID : 6306802277426
Option 3 ID : 6306802277425
Option 4 ID : 6306802277423

Q.2 निम्नलिखित प्रश्न में, चार विकल्पों में से, उस विकल्प का चयन करें जो दिए गए शब्द के अनेकार्थी रूप वाला सही विकल्प नहीं है।
द्विज

- Ans ☒ 1. पक्षी
☒ 2. दुगुना
☒ 3. दाँत
☒ 4. ब्राह्मण

Question ID : 630680582197
Option 1 ID : 6306802277646
Option 2 ID : 6306802277644
Option 3 ID : 6306802277645
Option 4 ID : 6306802277643

Q.3 निम्नलिखित प्रश्न में, चार विकल्पों में से, उस विकल्प का चयन करें जो रिक्त स्थान के लिए सही अपादान कारक के भेद वाला विकल्प हो।
वह सब ओर _____ सैनिकों द्वारा घेर लिया गया था।

- Ans ☒ 1. में
☒ 2. पर
☒ 3. को
☒ 4. से

Question ID : 630680582227
Option 1 ID : 6306802277762
Option 2 ID : 6306802277761
Option 3 ID : 6306802277760
Option 4 ID : 6306802277759

Q.4 निम्नलिखित प्रश्न में, चार विकल्पों में से, उस विकल्प का चयन करें जो दिए गए रिक्त स्थान के लिए सही प्रत्यय के भेद का विकल्प हो।
हमने मंदिर के लिए लकड़ी से सुंदर-सुंदर _____ तैयार की।

- Ans ☒ 1. पुरस्कार
☒ 2. अलंकार
☒ 3. मूर्तियाँ
☒ 4. अथाह

Question ID : 630680582174
Option 1 ID : 6306802277557
Option 2 ID : 6306802277556
Option 3 ID : 6306802277555
Option 4 ID : 6306802277558

Q.5 निम्नलिखित प्रश्न में, चार विकल्पों में से, उस विकल्प का चयन करें जो दिए गए शब्द के अनेकार्थी रूप वाला सही विकल्प नहीं है।
कंटक

- Ans ☒ 1. क्षत्रिय
☒ 2. दोष
☒ 3. घड़ियाल
☒ 4. काँटा

Question ID : 630680582133
Option 1 ID : 6306802277401
Option 2 ID : 6306802277399
Option 3 ID : 6306802277402
Option 4 ID : 6306802277400

Q.6 निम्नलिखित प्रश्न में, चार विकल्पों में से, उस विकल्प का चयन करें जो दिए गए शब्द के पर्यायवाची शब्द का सही विकल्प नहीं है।
ब्राह्मण

- Ans ☒ 1. द्विज
☒ 2. विप्र
☒ 3. शार्दूल
☒ 4. भूसुर

Question ID : 630680582137
Option 1 ID : 6306802277417
Option 2 ID : 6306802277416
Option 3 ID : 6306802277415
Option 4 ID : 6306802277418

Q.7 निम्नलिखित प्रश्न में, चार विकल्पों में से, उस विकल्प का चयन करें जो दिए गए रिक्त स्थान के लिए सही प्रत्यय के भेद का विकल्प हो।
पिता के असमय कटाक्ष ने ध्रुव को विचलित कर दिया और अपने दुःख को भुलाने के लिए वह _____ बन गए।

- Ans ☒ 1. खुशहाल
☒ 2. घुमक्कड़
☒ 3. बेईमान
☒ 4. कमअक्ल

Question ID : 630680582216
Option 1 ID : 6306802277718
Option 2 ID : 6306802277716
Option 3 ID : 6306802277715
Option 4 ID : 6306802277717

Q.8 निम्नलिखित प्रश्न में, चार विकल्पों में से, उस विकल्प का चयन करें जो रिक्त स्थान के लिए सही परिमाणवाचक विशेषण वाला विकल्प हो।
बाज़ार से आते वक्त _____ चीनी लेते आना।

Ans ☒ 1. आधा किलो

☒ 2. ज्यादा

☒ 3. कुछ

☒ 4. थोड़ी

Question ID : 630680582250

Option 1 ID : 6306802277849

Option 2 ID : 6306802277850

Option 3 ID : 6306802277848

Option 4 ID : 6306802277847

Q.9 निम्नलिखित विकल्पों में से कौन सा विकल्प एक सुसंगत वाक्य बनाने के लिए वाक्यांशों को सही ढंग से व्यवस्थित करता है?

A- वनों और वन्य जीवों का

B- सरकार की ओर से अभयारण्य

C- संरक्षण किया जाता है

D- और आरक्षित पार्क आदि बनाकर

Ans ☒ 1. BACD

☒ 2. CBAD

☒ 3. BDAC

☒ 4. ADBC

Question ID : 630680582204

Option 1 ID : 6306802277672

Option 2 ID : 6306802277673

Option 3 ID : 6306802277671

Option 4 ID : 6306802277674

Q.10 निम्नलिखित प्रश्न में, चार विकल्पों में से, उस विकल्प का चयन करें जो विलोम शब्द का सबसे अच्छा विकल्प है।
कृश

Ans ☒ 1. शिष्ट

☒ 2. प्रकट

☒ 3. शुक्ल

☒ 4. स्थूल

Question ID : 630680582199

Option 1 ID : 6306802277654

Option 2 ID : 6306802277653

Option 3 ID : 6306802277652

Option 4 ID : 6306802277651

Q.11 निम्नलिखित प्रश्न में, चार विकल्पों में से, उस विकल्प का चयन करें जो दिए गए शब्द के पर्यायवाची शब्द का सही विकल्प नहीं है।
पंडित

Ans ☒ 1. काश्यपि

☒ 2. विद्वान

☒ 3. सुधी

☒ 4. कोविद

Question ID : 630680582177

Option 1 ID : 6306802277568

Option 2 ID : 6306802277570

Option 3 ID : 6306802277567

Option 4 ID : 6306802277569

Q.12 निम्नलिखित प्रश्न में, चार विकल्पों में से, उस विकल्प का चयन करें जो रिक्त स्थान के लिए सही नामधातु क्रिया वाला विकल्प हो।
हमने दोनों को बुलाने की कोशिश की लेकिन दोनों _____ चले गए।

Ans ☒ 1. छुप

☒ 2. संभल

☒ 3. उखड़

☒ 4. बतियाते

Question ID : 630680582165

Option 1 ID : 6306802277523

Option 2 ID : 6306802277526

Option 3 ID : 6306802277525

Option 4 ID : 6306802277524

Q.13 निम्नलिखित प्रश्न में, चार विकल्पों में से, उस विकल्प का चयन करें जो दी गई लोकोक्ति का सही अर्थ वाला विकल्प है।

आँख का अंधा नाम नयन सुख

Ans ☒ 1. एक काम से दो लाभ

☒ 2. गुणों के विपरीत नाम होना

☒ 3. सब ओर से विपत्ति में फँसना

☒ 4. जानबूझकर मुसीबत में पड़ना

Question ID : 630680582161

Option 1 ID : 6306802277508

Option 2 ID : 6306802277510

Option 3 ID : 6306802277507

Option 4 ID : 6306802277509

Q.14 निम्नलिखित विकल्पों में से कौन सा विकल्प एक सुसंगत वाक्य बनाने के लिए वाक्यांशों को सही ढंग से व्यवस्थित करता है?

- A- आज श्वास लेने के लिए शुद्ध वायु का
B- अभाव होता जा रहा है, जिससे अनेक
C- प्रकार के रोग जन्म ले रहे हैं, ओजोन परत
D- का क्षरण घातक होता जा रहा है

Ans ☒ 1. BCDA
☒ 2. DCBA
☒ 3. ABCD
☒ 4. CDAB

Question ID : 630680582205
Option 1 ID : 6306802277676
Option 2 ID : 6306802277677
Option 3 ID : 6306802277678
Option 4 ID : 6306802277675

Q.15 निम्नलिखित प्रश्न में, चार विकल्पों में से, उस विकल्प का चयन करें जो दिए गए शब्द के पर्यायवाची शब्द का सही विकल्प नहीं है।
देवता

Ans ☒ 1. दिवा
☒ 2. वृंदारक
☒ 3. अजर
☒ 4. निर्जर

Question ID : 630680582221
Option 1 ID : 6306802277737
Option 2 ID : 6306802277735
Option 3 ID : 6306802277738
Option 4 ID : 6306802277736

Comprehension:

नीचे दिए गये गद्यांश के बाद 5 प्रश्न दिए गये हैं। इस गद्यांश को ध्यानपूर्वक पढ़ें और चार विकल्पों में से प्रत्येक प्रश्न का सर्वोत्तम उत्तर चुनें।

व्यायाम से अभिप्राय है अपने तन मन को स्वस्थ और निरोग बनाये रखने के लिए किया गया परिश्रमपूर्ण कार्य या प्रयास। सर्वप्रसिद्ध युक्ति पहला सुख निरोगी काया के अनुसार शरीर का स्वस्थ व निरोग रहना ही सबसे बड़ा सुख है। अस्वस्थ व रोगी व्यक्ति संसार के सुखों का भोग कदापि नहीं कर सकता है। स्वस्थ शरीर के लिए व्यायाम अत्यंत आवश्यक है। जो व्यक्ति नित्यप्रति व्यायाम करते हैं। वे सदैव स्वस्थ व सुखी रहते हैं। शरीर ही कर्म का साधक है। अच्छा स्वास्थ्य एक महावरदान है। अच्छे स्वास्थ्य से ही अनेक प्रकार की सुख सुविधायें प्राप्त की जा सकती हैं। जो व्यक्ति अच्छे स्वास्थ्य तथा स्वस्थ शरीर के महत्व को नकारता है तथा ईश्वर के इस वरदान का निरादर करता है, वह अपना ही नहीं समाज तथा ईश्वर के इस वरदान का निरादर तथा अहित करता है। स्वस्थ शरीर में ही स्वस्थ मस्तिष्क का निवास हो सकता है। स्वस्थ मस्तिष्क के अभाव में व्यक्ति कितना पंगु है। इसकी कल्पना आसानी से की जा सकती है।

SubQuestion No : 16

Q.16 इस अनुच्छेद का कोई उपयुक्त शीर्षक-

- Ans
- ☒ 1. अच्छी सुख सुविधाएँ
 - ☒ 2. परिश्रमपूर्ण कार्य
 - ☒ 3. समाज व राष्ट्र
 - ☒ 4. अच्छा स्वास्थ्य

Question ID : 630680582231
Option 1 ID : 6306802277774
Option 2 ID : 6306802277771
Option 3 ID : 6306802277772
Option 4 ID : 6306802277773

Comprehension:

नीचे दिए गये गद्यांश के बाद 5 प्रश्न दिए गये हैं। इस गद्यांश को ध्यानपूर्वक पढ़ें और चार विकल्पों में से प्रत्येक प्रश्न का सर्वोत्तम उत्तर चुनें।

व्यायाम से अभिप्राय है अपने तन मन को स्वस्थ और निरोग बनाये रखने के लिए किया गया परिश्रमपूर्ण कार्य या प्रयास। सर्वप्रसिद्ध युक्ति पहला सुख निरोगी काया के अनुसार शरीर का स्वस्थ व निरोग रहना ही सबसे बड़ा सुख है। अस्वस्थ व रोगी व्यक्ति संसार के सुखों का भोग कदापि नहीं कर सकता है। स्वस्थ शरीर के लिए व्यायाम अत्यंत आवश्यक है। जो व्यक्ति नित्यप्रति व्यायाम करते हैं। वे सदैव स्वस्थ व सुखी रहते हैं। शरीर ही कर्म का साधक है। अच्छा स्वास्थ्य एक महावरदान है। अच्छे स्वास्थ्य से ही अनेक प्रकार की सुख सुविधायें प्राप्त की जा सकती हैं। जो व्यक्ति अच्छे स्वास्थ्य तथा स्वस्थ शरीर के महत्व को नकारता है तथा ईश्वर के इस वरदान का निरादर करता है, वह अपना ही नहीं समाज तथा ईश्वर के इस वरदान का निरादर तथा अहित करता है। स्वस्थ शरीर में ही स्वस्थ मस्तिष्क का निवास हो सकता है। स्वस्थ मस्तिष्क के अभाव में व्यक्ति कितना पंगु है। इसकी कल्पना आसानी से की जा सकती है।

SubQuestion No : 17

Q.17 निम्नलिखित प्रश्न में, चार विकल्पों में से, उस विकल्प का चयन करें जो दिए गए शब्द के पर्यायवाची शब्द का विकल्प नहीं है।
निरादर

- Ans
- ☒ 1. अवमान
 - ☒ 2. सादर
 - ☒ 3. अवहेलना
 - ☒ 4. तिरस्कार

Question ID : 630680582234
Option 1 ID : 6306802277784
Option 2 ID : 6306802277786
Option 3 ID : 6306802277783
Option 4 ID : 6306802277785

Comprehension:

नीचे दिए गये गद्यांश के बाद 5 प्रश्न दिए गये हैं। इस गद्यांश को ध्यानपूर्वक पढ़ें और चार विकल्पों में से प्रत्येक प्रश्न का सर्वोत्तम उत्तर चुनें।

व्यायाम से अभिप्राय है अपने तन मन को स्वस्थ और निरोग बनाये रखने के लिए किया गया परिश्रमपूर्ण कार्य या प्रयास। सर्वप्रसिद्ध युक्ति पहला सुख निरोगी काया के अनुसार शरीर का स्वस्थ व निरोग रहना ही सबसे बड़ा सुख है। अस्वस्थ व रोगी व्यक्ति संसार के सुखों का भोग कदापि नहीं कर सकता है। स्वस्थ शरीर के लिए व्यायाम अत्यंत आवश्यक है। जो व्यक्ति नित्यप्रति व्यायाम करते हैं। वे सदैव स्वस्थ व सुखी रहते हैं। शरीर ही कर्म का साधक है। अच्छा स्वास्थ्य एक महावरदान है। अच्छे स्वास्थ्य से ही अनेक प्रकार की सुख सुविधायें प्राप्त की जा सकती हैं। जो व्यक्ति अच्छे स्वास्थ्य तथा स्वस्थ शरीर के महत्व को नकारता है तथा ईश्वर के इस वरदान का निरादर करता है, वह अपना ही नहीं समाज तथा ईश्वर के इस वरदान का निरादर तथा अहित करता है। स्वस्थ शरीर में ही स्वस्थ मस्तिष्क का निवास हो सकता है। स्वस्थ मस्तिष्क के अभाव में व्यक्ति कितना पंगु है। इसकी कल्पना आसानी से की जा सकती है।

SubQuestion No : 18

Q.18 अनुच्छेद के अनुसार किस प्रकार के लोग संसार के सुखों का भोग कभी नहीं कर सकते हैं?

- Ans ☒ 1. बीमार लोग
☒ 2. घमंडी लोग
☒ 3. स्वस्थ लोग
☒ 4. गरीब लोग

Question ID : 630680582232
Option 1 ID : 6306802277776
Option 2 ID : 6306802277777
Option 3 ID : 6306802277775
Option 4 ID : 6306802277778

Comprehension:

नीचे दिए गये गद्यांश के बाद 5 प्रश्न दिए गये हैं। इस गद्यांश को ध्यानपूर्वक पढ़ें और चार विकल्पों में से प्रत्येक प्रश्न का सर्वोत्तम उत्तर चुनें।

व्यायाम से अभिप्राय है अपने तन मन को स्वस्थ और निरोग बनाये रखने के लिए किया गया परिश्रमपूर्ण कार्य या प्रयास। सर्वप्रसिद्ध युक्ति पहला सुख निरोगी काया के अनुसार शरीर का स्वस्थ व निरोग रहना ही सबसे बड़ा सुख है। अस्वस्थ व रोगी व्यक्ति संसार के सुखों का भोग कदापि नहीं कर सकता है। स्वस्थ शरीर के लिए व्यायाम अत्यंत आवश्यक है। जो व्यक्ति नित्यप्रति व्यायाम करते हैं। वे सदैव स्वस्थ व सुखी रहते हैं। शरीर ही कर्म का साधक है। अच्छा स्वास्थ्य एक महावरदान है। अच्छे स्वास्थ्य से ही अनेक प्रकार की सुख सुविधायें प्राप्त की जा सकती हैं। जो व्यक्ति अच्छे स्वास्थ्य तथा स्वस्थ शरीर के महत्व को नकारता है तथा ईश्वर के इस वरदान का निरादर करता है, वह अपना ही नहीं समाज तथा ईश्वर के इस वरदान का निरादर तथा अहित करता है। स्वस्थ शरीर में ही स्वस्थ मस्तिष्क का निवास हो सकता है। स्वस्थ मस्तिष्क के अभाव में व्यक्ति कितना पंगु है। इसकी कल्पना आसानी से की जा सकती है।

SubQuestion No : 19

Q.19 अनुच्छेद के अनुसार संसार में उपलब्ध सुख-सुविधाओं का लाभ कैसे प्राप्त किया जा सकता है?

- Ans ☒ 1. सुखों की कामना करके
☒ 2. ईश्वर की पूजा करके
☒ 3. अच्छे स्वास्थ्य से
☒ 4. अच्छे मस्तिष्क से

Question ID : 630680582233
Option 1 ID : 6306802277781
Option 2 ID : 6306802277780
Option 3 ID : 6306802277779
Option 4 ID : 6306802277782

Comprehension:

नीचे दिए गये गद्यांश के बाद 5 प्रश्न दिए गये हैं। इस गद्यांश को ध्यानपूर्वक पढ़ें और चार विकल्पों में से प्रत्येक प्रश्न का सर्वोत्तम उत्तर चुनें।

व्यायाम से अभिप्राय है अपने तन मन को स्वस्थ और निरोग बनाये रखने के लिए किया गया परिश्रमपूर्ण कार्य या प्रयास। सर्वप्रसिद्ध युक्ति पहला सुख निरोगी काया के अनुसार शरीर का स्वस्थ व निरोग रहना ही सबसे बड़ा सुख है। अस्वस्थ व रोगी व्यक्ति संसार के सुखों का भोग कदापि नहीं कर सकता है। स्वस्थ शरीर के लिए व्यायाम अत्यंत आवश्यक है। जो व्यक्ति नित्यप्रति व्यायाम करते है। वे सदैव स्वस्थ व सुखी रहते है। शरीर ही कर्म का साधक है। अच्छा स्वास्थ्य एक महावरदान है। अच्छे स्वास्थ्य से ही अनेक प्रकार की सुख सुविधायें प्राप्त की जा सकती है। जो व्यक्ति अच्छे स्वास्थ्य तथा स्वस्थ शरीर के महत्व को नकारता है तथा ईश्वर के इस वरदान का निरादर करता है, वह अपना ही नहीं समाज तथा ईश्वर के इस वरदान का निरादर तथा अहित करता है। स्वस्थ शरीर में ही स्वस्थ मस्तिष्क का निवास हो सकता है। स्वस्थ मस्तिष्क के अभाव में व्यक्ति कितना पंगु है। इसकी कल्पना आसानी से की जा सकती है।

SubQuestion No : 20

Q.20 निम्नलिखित प्रश्न में, चार विकल्पों में से, उस विकल्प का चयन करें जो दिए गए शब्द के विलोम शब्द का विकल्प है।
अहित

- Ans
- ☒ 1. अनुपकार
 - ☒ 2. अनहित,
 - ☒ 3. हित
 - ☒ 4. अनिष्ट

Question ID : 630680582235
Option 1 ID : 6306802277788
Option 2 ID : 6306802277790
Option 3 ID : 6306802277789
Option 4 ID : 6306802277787

Section : Discipline 1

Q.1 What does the term "curing" refer to in the context of varnishes?

- Ans
- ☒ 1. Cleaning the surface
 - ☒ 2. Drying and hardening
 - ☒ 3. Adding color pigments
 - ☒ 4. Mixing ingredients

Question ID : 630680583215
Option 1 ID : 6306802281679
Option 2 ID : 6306802281682
Option 3 ID : 6306802281681
Option 4 ID : 6306802281680

Q.2 Which type of plane table survey is best suited for hilly or uneven terrains?

- Ans
- ☐ 1. Resection
 - ☐ 2. Radiation
 - ☒ 3. Intersection
 - ☐ 4. Traversing

Question ID : 630680583237
Option 1 ID : 6306802281768
Option 2 ID : 6306802281769
Option 3 ID : 6306802281770
Option 4 ID : 6306802281767

Q.3 What material is typically used in the construction of a gravity dam?

- Ans
- ☐ 1. Steel
 - ☒ 2. Concrete
 - ☐ 3. Wood
 - ☐ 4. Earth and rock fill

Question ID : 630680583167
Option 1 ID : 6306802281489
Option 2 ID : 6306802281487
Option 3 ID : 6306802281490
Option 4 ID : 6306802281488

Q.4 What should be done before applying a new coat of varnish to an existing finish?

- Ans
- ☒ 1. Sanding
 - ☐ 2. Washing with water
 - ☐ 3. Leaving it as is
 - ☐ 4. Applying a primer

Question ID : 630680583214
Option 1 ID : 6306802281677
Option 2 ID : 6306802281676
Option 3 ID : 6306802281678
Option 4 ID : 6306802281675

Q.5 What is the primary function of a bridge's foundation?

- Ans
- ☐ 1. To anchor the cables
 - ☐ 2. To support the deck
 - ☒ 3. To transfer loads to the ground
 - ☐ 4. To connect the abutments

Question ID : 630680583173
Option 1 ID : 6306802281513
Option 2 ID : 6306802281512
Option 3 ID : 6306802281514
Option 4 ID : 6306802281511

Q.6 What is the purpose of guardrails on roads?

- Ans
- ☐ 1. Aesthetic enhancement
 - ☐ 2. Pedestrian safety
 - ☐ 3. Lane separation
 - ☒ 4. Vehicle collision protection

Question ID : 630680583176
Option 1 ID : 6306802281524
Option 2 ID : 6306802281525
Option 3 ID : 6306802281523
Option 4 ID : 6306802281526

Q.7 What does the term "leading" refer to in typography?

- Ans
- ☐ 1. Letter spacing
 - ☒ 2. Line spacing
 - ☐ 3. Font size
 - ☐ 4. Word spacing

Question ID : 630680583175
Option 1 ID : 6306802281519
Option 2 ID : 6306802281520
Option 3 ID : 6306802281522
Option 4 ID : 6306802281521

Q.8 What is the primary function of a tunnel's transverse ribs?

- Ans
- ☐ 1. Control air quality
 - ☐ 2. Drain water
 - ☐ 3. Enhance aesthetics
 - ☒ 4. Support the roof

Question ID : 630680583172
Option 1 ID : 6306802281509
Option 2 ID : 6306802281508
Option 3 ID : 6306802281510
Option 4 ID : 6306802281507

Q.9 What is the purpose of a bridge's scuppers?

- Ans
- ☒ 1. To allow for water drainage
 - ☐ 2. To resist lateral forces
 - ☐ 3. To connect the bridge sections
 - ☐ 4. To support the deck

Question ID : 630680583174
Option 1 ID : 6306802281517
Option 2 ID : 6306802281516
Option 3 ID : 6306802281515
Option 4 ID : 6306802281518

Q.10 In which scale is the ranking of sports teams in a tournament meaningful?

- Ans
- ☐ 1. Ratio scale
 - ☒ 2. Ordinal scale
 - ☐ 3. Interval scale
 - ☐ 4. Nominal scale

Question ID : 630680583207
Option 1 ID : 6306802281650
Option 2 ID : 6306802281648
Option 3 ID : 6306802281649
Option 4 ID : 6306802281647

Q.11 If base period of the crop is 100 days and a Channel supplies $0.4 \text{ m}^3/\text{sec}$ of water for irrigating a crop land of 160 hectre, the delta of water will be:

- Ans**
- ☐ 1. 21.6m
 - ☐ 2. 2m
 - ☐ 3. 216m
 - ☒ 4. 2.16m

Question ID : 630680583170
Option 1 ID : 6306802281501
Option 2 ID : 6306802281499
Option 3 ID : 6306802281502
Option 4 ID : 6306802281500

Q.12 What is the purpose of the berm in a Buttress Dam?

- Ans**
- ☐ 1. Aesthetics
 - ☐ 2. Recreation
 - ☐ 3. Navigation
 - ☒ 4. Stability

Question ID : 630680583168
Option 1 ID : 6306802281491
Option 2 ID : 6306802281493
Option 3 ID : 6306802281494
Option 4 ID : 6306802281492

Q.13 A crop requires thirty waterings at an interval of 6 days and water depth of 6 cm is applied in every watering. What will be the total water depth required by the crop during entire period?

- Ans**
- ☐ 1. 1800 cm
 - ☐ 2. 180 m
 - ☐ 3. 1.80 cm
 - ☒ 4. 1.80 m

Question ID : 630680583169
Option 1 ID : 6306802281496
Option 2 ID : 6306802281497
Option 3 ID : 6306802281498
Option 4 ID : 6306802281495

Q.14 What is the function of road signs with a blue background?

- Ans
- ☒ 1. Directional
 - ☒ 2. Informational
 - ☐ 3. Warning
 - ☐ 4. Regulatory

Question ID : 630680583177
Option 1 ID : 6306802281530
Option 2 ID : 6306802281529
Option 3 ID : 6306802281527
Option 4 ID : 6306802281528

Q.15 What type of line is created by connecting two points and extending it infinitely in both directions?

- Ans
- ☒ 1. Straight Line
 - ☐ 2. Spiral Line
 - ☐ 3. Broken Line
 - ☐ 4. Dotted Line

Question ID : 630680583206
Option 1 ID : 6306802281646
Option 2 ID : 6306802281645
Option 3 ID : 6306802281643
Option 4 ID : 6306802281644

Q.16 What is a potential drawback of using varnish in humid conditions?

- Ans
- ☒ 1. Blistering
 - ☐ 2. Enhanced adhesion
 - ☐ 3. Faster drying
 - ☐ 4. Reduced color change

Question ID : 630680583213
Option 1 ID : 6306802281672
Option 2 ID : 6306802281673
Option 3 ID : 6306802281671
Option 4 ID : 6306802281674

Q.17 Which window style is suitable for creating a decorative alcove with a curved or angled design?

- Ans
- ☐ 1. Louvered Windows
 - ☒ 2. Bow Window
 - ☐ 3. Circular Window
 - ☐ 4. Awning Window

Question ID : 630680583224
Option 1 ID : 6306802281715
Option 2 ID : 6306802281716
Option 3 ID : 6306802281717
Option 4 ID : 6306802281718

Q.18 The term "bituminous slurry seal" refers to:

- Ans
- ☐ 1. A type of roofing material
 - ☒ 2. A pavement maintenance treatment
 - ☐ 3. Bituminous paint for corrosion protection
 - ☐ 4. Bituminous emulsion for waterproofing

Question ID : 630680583218
Option 1 ID : 6306802281691
Option 2 ID : 6306802281692
Option 3 ID : 6306802281694
Option 4 ID : 6306802281693

Q.19 What is the purpose of orientation in the Plain Table Survey?

- Ans
- ☐ 1. To align with the surveyor's preferences
 - ☐ 2. To align with the magnetic north
 - ☐ 3. To align with the sunrise
 - ☒ 4. To align with the true north

Question ID : 630680583238
Option 1 ID : 6306802281773
Option 2 ID : 6306802281772
Option 3 ID : 6306802281774
Option 4 ID : 6306802281771

Q.20 Which type of bridge is commonly used for short spans and can be constructed quickly?

Ans

- ✓ 1. Beam bridge
- ✗ 2. Arch bridge
- ✗ 3. Cantilever bridge
- ✗ 4. Truss bridge

Question ID : 630680583171
Option 1 ID : 6306802281504
Option 2 ID : 6306802281503
Option 3 ID : 6306802281506
Option 4 ID : 6306802281505

Section : Discipline 2

Q.1 What is the purpose of the stadia hairs in a Transit Vernier theodolite?

Ans

- ✗ 1. To determine magnetic declination
- ✓ 2. To estimate distances
- ✗ 3. To focus the telescope
- ✗ 4. To check for horizontal leveling

Question ID : 630680583242
Option 1 ID : 6306802281789
Option 2 ID : 6306802281788
Option 3 ID : 6306802281787
Option 4 ID : 6306802281790

Q.2 What does IESNA stand for in lighting design for building interiors?

Ans

- ✗ 1. Indoor Environmental Sustainability and Natural Ambiance
- ✓ 2. Illuminating Engineering Society of North America
- ✗ 3. Internal Environmental Sensitivity and Adaptation
- ✗ 4. Integrated Energy-saving Solutions for Natural Areas

Question ID : 630680583243
Option 1 ID : 6306802281792
Option 2 ID : 6306802281791
Option 3 ID : 6306802281794
Option 4 ID : 6306802281793

Q.3 What is the term for the inclined member that supports the treads and risers in a staircase?

- Ans
- ☐ 1. Baluster
 - ☐ 2. Riser
 - ☒ 3. Stringer
 - ☐ 4. Newel post

Question ID : 630680583227
Option 1 ID : 6306802281728
Option 2 ID : 6306802281730
Option 3 ID : 6306802281727
Option 4 ID : 6306802281729

Q.4 What is the purpose of the clarifier unit in a water treatment plant?

- Ans
- ☐ 1. Disinfection
 - ☒ 2. Particle settlement
 - ☐ 3. pH adjustment
 - ☐ 4. Pathogen removal

Question ID : 630680583180
Option 1 ID : 6306802281540
Option 2 ID : 6306802281541
Option 3 ID : 6306802281539
Option 4 ID : 6306802281542

Q.5 Which part of the door frame provides support at the bottom?

- Ans
- ☒ 1. Sill
 - ☐ 2. Jambs
 - ☐ 3. Header
 - ☐ 4. Transom

Question ID : 630680583222
Option 1 ID : 6306802281708
Option 2 ID : 6306802281709
Option 3 ID : 6306802281707
Option 4 ID : 6306802281710

Q.6 What does "Kaizen" mean in the context of Green Belt requirements?

- Ans
- ☐ 1. Rapid decision-making
 - ☒ 2. Continuous improvement
 - ☐ 3. Project completion
 - ☐ 4. Customer satisfaction

Question ID : 630680583247
Option 1 ID : 6306802281808
Option 2 ID : 6306802281807
Option 3 ID : 6306802281809
Option 4 ID : 6306802281810

Q.7 Which type of rivet sinks into the material, creating a smooth surface?

- Ans
- ☐ 1. Tubular rivet
 - ☐ 2. Solid rivet
 - ☐ 3. Snap rivet
 - ☒ 4. Countersunk rivet

Question ID : 630680583185
Option 1 ID : 6306802281560
Option 2 ID : 6306802281559
Option 3 ID : 6306802281561
Option 4 ID : 6306802281562

Q.8 What is the purpose of rail fastenings in a railway track?

- Ans
- ☒ 1. Secure rails to sleepers
 - ☐ 2. Supply power to trains
 - ☐ 3. Provide electrical insulation
 - ☐ 4. Connect rail ends

Question ID : 630680583163
Option 1 ID : 6306802281474
Option 2 ID : 6306802281472
Option 3 ID : 6306802281473
Option 4 ID : 6306802281471

Q.9 Which type of slab is better suited for square-shaped rooms?

- Ans
- ☐ 1. One-way slab and Two-way slab both are equally suitable
 - ☐ 2. One-way slab
 - ☒ 3. Two-way slab
 - ☐ 4. Neither One-way slab Nor Two-way slab is suitable

Question ID : 630680583187
Option 1 ID : 6306802281569
Option 2 ID : 6306802281567
Option 3 ID : 6306802281568
Option 4 ID : 6306802281570

Q.10 In two-way slab design, what is the significance of drop panels?

- Ans
- ☐ 1. Decrease in bending capacity
 - ☒ 2. Increase in shear capacity
 - ☐ 3. Increase in slab thickness
 - ☐ 4. Increase in bending capacity

Question ID : 630680583188
Option 1 ID : 6306802281574
Option 2 ID : 6306802281572
Option 3 ID : 6306802281571
Option 4 ID : 6306802281573

Q.11 In a one-way slab, which direction does it primarily support the load?

- Ans
- ☐ 1. Transverse
 - ☒ 2. Longitudinal
 - ☐ 3. Vertical
 - ☐ 4. Diagonal

Question ID : 630680583186
Option 1 ID : 6306802281564
Option 2 ID : 6306802281563
Option 3 ID : 6306802281566
Option 4 ID : 6306802281565

Q.12 What is the primary source of Earth's magnetic field?

- Ans
- ☐ 1. Man-made magnets
 - ☒ 2. The Earth's core
 - ☐ 3. The Moon
 - ☐ 4. The Sun

Question ID : 630680583233
Option 1 ID : 6306802281754
Option 2 ID : 6306802281753
Option 3 ID : 6306802281752
Option 4 ID : 6306802281751

Q.13 In which scenario would you likely use a brick lintel?

- Ans
- ☒ 1. Small opening
 - ☐ 2. Historical building entrance
 - ☐ 3. Large opening
 - ☐ 4. Industrial skylight

Question ID : 630680583211
Option 1 ID : 6306802281663
Option 2 ID : 6306802281665
Option 3 ID : 6306802281664
Option 4 ID : 6306802281666

Q.14 What is the purpose of a deviation card on a vessel?

- Ans
- ☒ 1. Compensate for compass errors due to local attraction
 - ☐ 2. Show the ship's current deviation from true north
 - ☐ 3. Record changes in magnetic declination
 - ☐ 4. Display local tourist attractions

Question ID : 630680583234
Option 1 ID : 6306802281757
Option 2 ID : 6306802281758
Option 3 ID : 6306802281756
Option 4 ID : 6306802281755

Q.15 Which rail defect is characterized by a sudden bending or misalignment of the rail track under load?

- Ans
- ☐ 1. Corrugation
 - ☒ 2. Buckling
 - ☐ 3. Shelling
 - ☐ 4. Alkali silica reaction

Question ID : 630680583164
Option 1 ID : 6306802281475
Option 2 ID : 6306802281476
Option 3 ID : 6306802281477
Option 4 ID : 6306802281478

Q.16 What type of lintel is suitable for large spans and heavy loads?

- Ans
- ☐ 1. Only Steel lintel
 - ☐ 2. Only Concrete lintel
 - ☐ 3. Neither Concrete lintel nor Steel lintel
 - ☒ 4. Both Concrete lintel and Steel lintel

Question ID : 630680583212
Option 1 ID : 6306802281668
Option 2 ID : 6306802281667
Option 3 ID : 6306802281670
Option 4 ID : 6306802281669

Q.17 Which type of dampness is associated with leaking pipes or roof damage?

- Ans
- ☒ 1. Penetrating damp
 - ☐ 2. Condensation
 - ☐ 3. Capillary dampness
 - ☐ 4. Rising damp

Question ID : 630680583219
Option 1 ID : 6306802281697
Option 2 ID : 6306802281696
Option 3 ID : 6306802281698
Option 4 ID : 6306802281695

Q.18 What component of a septic tank is responsible for preventing scum and grease from exiting the tank?

- Ans
- ☐ 1. Inlet baffle
 - ☒ 2. Outlet baffle
 - ☐ 3. Effluent filter
 - ☐ 4. Sludge layer

Question ID : 630680583178
Option 1 ID : 6306802281533
Option 2 ID : 6306802281531
Option 3 ID : 6306802281534
Option 4 ID : 6306802281532

Q.19 How many principal planes are used in Isometric Projection?

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

Question ID : 630680583210
Option 1 ID : 6306802281659
Option 2 ID : 6306802281660
Option 3 ID : 6306802281662
Option 4 ID : 6306802281661

Q.20 What is the purpose of the sludge layer in a septic tank?

- Ans
- ☒ 1. Storing solid waste
 - ☐ 2. Separating oil and grease
 - ☐ 3. Facilitating bacterial growth
 - ☐ 4. Settling heavy particles

Question ID : 630680583179
Option 1 ID : 6306802281537
Option 2 ID : 6306802281535
Option 3 ID : 6306802281536
Option 4 ID : 6306802281538

Q.1 What is the purpose of operable windows in a building?

- Ans
- ☐ 1. Enhance security
 - ☐ 2. Increase natural heat gain
 - ☒ 3. Allow user control over ventilation
 - ☐ 4. Provide views

Question ID : 630680583253
Option 1 ID : 6306802281831
Option 2 ID : 6306802281834
Option 3 ID : 6306802281833
Option 4 ID : 6306802281832

Q.2 A retaining wall with measurements 25 m x 10m x 5m was constructed with bricks of dimensions 10 cm x 5cm x 5cm. If 50% of the wall consists of bricks, find the number of bricks used for the construction is (in lakhs).

- Ans
- ☐ 1. 20 lakhs
 - ☐ 2. 50 lakhs
 - ☒ 3. 25 lakhs
 - ☐ 4. 75 lakhs

Question ID : 630680583194
Option 1 ID : 6306802281595
Option 2 ID : 6306802281597
Option 3 ID : 6306802281596
Option 4 ID : 6306802281598

Q.3 In a gabion retaining wall, what is the primary function of the wire mesh baskets?

- Ans
- ☐ 1. Water drainage
 - ☐ 2. Thermal insulation
 - ☒ 3. Structural reinforcement
 - ☐ 4. Aesthetic enhancement

Question ID : 630680583192
Option 1 ID : 6306802281589
Option 2 ID : 6306802281590
Option 3 ID : 6306802281588
Option 4 ID : 6306802281587

Q.4 What is the purpose of isogonic lines on a map?

- Ans
- ☐ 1. Representing areas with no magnetic declination
 - ☒ 2. Showing regions with consistent magnetic declination
 - ☐ 3. Indicating the equator
 - ☐ 4. Marking the locations of meteor showers

Question ID : 630680583232
Option 1 ID : 6306802281747
Option 2 ID : 6306802281749
Option 3 ID : 6306802281748
Option 4 ID : 6306802281750

Q.5 What is the Trapezoidal Rule used for in numerical methods?

- Ans
- ☐ 1. Differentiation
 - ☒ 2. Integration
 - ☐ 3. Optimization
 - ☐ 4. Interpolation

Question ID : 630680583161
Option 1 ID : 6306802281464
Option 2 ID : 6306802281465
Option 3 ID : 6306802281466
Option 4 ID : 6306802281463

Q.6 What is a traverse in chain surveying?

- Ans
- ☐ 1. A measurement error
 - ☐ 2. A type of chain
 - ☒ 3. A series of connected survey lines
 - ☐ 4. A surveying unit

Question ID : 630680583228
Option 1 ID : 6306802281733
Option 2 ID : 6306802281731
Option 3 ID : 6306802281732
Option 4 ID : 6306802281734

Q.7 What does the term "Baseline" refer to in EDM measurements?

- Ans
- ☒ 1. The length of the survey line
 - ☐ 2. The accuracy of the instrument
 - ☐ 3. The distance between reflectors
 - ☐ 4. The height of the instrument

Question ID : 630680583158
Option 1 ID : 6306802281451
Option 2 ID : 6306802281454
Option 3 ID : 6306802281453
Option 4 ID : 6306802281452

Q.8 What is the DMAIC methodology used for in Lean Six Sigma?

- Ans
- ☐ 1. Marketing strategy
 - ☒ 2. Process improvement
 - ☐ 3. Decision-making
 - ☐ 4. Employee training

Question ID : 630680583249
Option 1 ID : 6306802281816
Option 2 ID : 6306802281818
Option 3 ID : 6306802281815
Option 4 ID : 6306802281817

Q.9 What is the primary role of the aeration unit in a water treatment plant?

- Ans
- ☐ 1. pH adjustment
 - ☒ 2. Oxygenation
 - ☐ 3. Disinfection
 - ☐ 4. Filtration

Question ID : 630680583181
Option 1 ID : 6306802281543
Option 2 ID : 6306802281544
Option 3 ID : 6306802281545
Option 4 ID : 6306802281546

Q.10 What is the purpose of a binnacle in navigation?

- Ans
- ✓ 1. To house the ship's compass
 - ✗ 2. To navigate through fog
 - ✗ 3. To store charts
 - ✗ 4. To measure atmospheric pressure

Question ID : 630680583235
Option 1 ID : 6306802281760
Option 2 ID : 6306802281761
Option 3 ID : 6306802281759
Option 4 ID : 6306802281762

Q.11 What type of dam is typically constructed using earth and rock fill?

- Ans
- ✓ 1. Embankment Dam
 - ✗ 2. Gravity Dam
 - ✗ 3. Arch Dam
 - ✗ 4. Buttress Dam

Question ID : 630680583166
Option 1 ID : 6306802281485
Option 2 ID : 6306802281484
Option 3 ID : 6306802281483
Option 4 ID : 6306802281486

Q.12 What is the purpose of louvers in natural ventilation systems?

- Ans
- ✗ 1. To increase indoor temperature
 - ✓ 2. To control airflow
 - ✗ 3. To increase indoor humidity
 - ✗ 4. To eliminate natural light

Question ID : 630680583254
Option 1 ID : 6306802281835
Option 2 ID : 6306802281836
Option 3 ID : 6306802281838
Option 4 ID : 6306802281837

Q.13 What is a key principle of Green Belt requirements in Lean Six Sigma?

- Ans
- ☐ 1. Avoiding data analysis
 - ☒ 2. Minimizing waste
 - ☐ 3. Ignoring customer feedback
 - ☐ 4. Fast-tracking processes

Question ID : 630680583250
Option 1 ID : 6306802281822
Option 2 ID : 6306802281820
Option 3 ID : 6306802281821
Option 4 ID : 6306802281819

Q.14 What is the purpose of weep holes in a retaining wall?

- Ans
- ☐ 1. Aesthetic appeal
 - ☐ 2. Structural reinforcement
 - ☐ 3. Ventilation
 - ☒ 4. Water drainage

Question ID : 630680583193
Option 1 ID : 6306802281591
Option 2 ID : 6306802281592
Option 3 ID : 6306802281594
Option 4 ID : 6306802281593

Q.15 Calculate the quantity of the earthworks in the cubic meter for a canal embankment of 100 m long having heights of 4 m and 6 m at the two extreme edges. Top widths of the embankment are 2 m and 3 m at the two extreme edges and the side slope is 2 : 1. Use the trapezoidal method.

- Ans
- ☐ 1. 4700m³
 - ☒ 2. 8300 m³
 - ☐ 3. 6225 m³
 - ☐ 4. 4755 m³

Question ID : 630680583162
Option 1 ID : 6306802281470
Option 2 ID : 6306802281469
Option 3 ID : 6306802281468
Option 4 ID : 6306802281467

Q.16 What is the purpose of clerestory windows in a building?

- Ans
- ☐ 1. Ventilation
 - ☐ 2. Mesmerizing sunrise view
 - ☐ 3. Structural support
 - ☒ 4. Daylight harvesting

Question ID : 630680583252
Option 1 ID : 6306802281828
Option 2 ID : 6306802281829
Option 3 ID : 6306802281830
Option 4 ID : 6306802281827

Q.17 Which line type is used to represent a three-dimensional object in a two-dimensional drawing?

- Ans
- ☒ 1. Contour Line
 - ☐ 2. Broken Line
 - ☐ 3. Spiral Line
 - ☐ 4. Dotted Line

Question ID : 630680583205
Option 1 ID : 6306802281639
Option 2 ID : 6306802281640
Option 3 ID : 6306802281642
Option 4 ID : 6306802281641

Q.18 Which type of bolted joint is often used for connecting wooden parts in furniture?

- Ans
- ☒ 1. Dowel joint
 - ☐ 2. Riveted joint
 - ☐ 3. Flanged joint
 - ☐ 4. Butt joint

Question ID : 630680583182
Option 1 ID : 6306802281548
Option 2 ID : 6306802281549
Option 3 ID : 6306802281547
Option 4 ID : 6306802281550

Q.19 What is the purpose of cross-ventilation in a building?

- Ans
- ☐ 1. Enhance structural stability
 - ☐ 2. Provide privacy
 - ☐ 3. Increase natural lighting
 - ☒ 4. Improve indoor air quality

Question ID : 630680583251
Option 1 ID : 6306802281825
Option 2 ID : 6306802281826
Option 3 ID : 6306802281823
Option 4 ID : 6306802281824

Q.20 What is the purpose of a Diagonal Scale in Plain Table Survey?

- Ans
- ☐ 1. To measure horizontal angles
 - ☒ 2. To measure distances
 - ☐ 3. To measure vertical angles
 - ☐ 4. To measure time

Question ID : 630680583236
Option 1 ID : 6306802281763
Option 2 ID : 6306802281765
Option 3 ID : 6306802281764
Option 4 ID : 6306802281766

Section : Discipline 4

Q.1 What is the first step in a proper lockout/tagout procedure?

- Ans
- ☒ 1. Notify affected employees
 - ☐ 2. Test the equipment
 - ☐ 3. Turn off the equipment
 - ☐ 4. Remove the lock

Question ID : 630680583202
Option 1 ID : 6306802281627
Option 2 ID : 6306802281630
Option 3 ID : 6306802281628
Option 4 ID : 6306802281629

Q.2 What is the purpose of the telescope eyepiece in a Transit Vernier theodolite?

- Ans
- ☐ 1. To determine magnetic declination
 - ☐ 2. To check for horizontal leveling
 - ☐ 3. To measure distances
 - ☒ 4. To focus the telescope

Question ID : 630680583241
Option 1 ID : 6306802281786
Option 2 ID : 6306802281785
Option 3 ID : 6306802281784
Option 4 ID : 6306802281783

Q.3 What does OPC stand for in cement grading?

- Ans
- ☐ 1. Organic Polymer Compound
 - ☐ 2. Overcast Particle Configuration
 - ☐ 3. Overly Packed Concrete
 - ☒ 4. Ordinary Portland Cement

Question ID : 630680583190
Option 1 ID : 6306802281581
Option 2 ID : 6306802281580
Option 3 ID : 6306802281582
Option 4 ID : 6306802281579

Q.4 Which type of cement is suitable for marine construction?

- Ans
- ☒ 1. Sulphate Resistant Cement
 - ☐ 2. Rapid Hardening Cement
 - ☐ 3. PPC
 - ☐ 4. OPC

Question ID : 630680583191
Option 1 ID : 6306802281586
Option 2 ID : 6306802281585
Option 3 ID : 6306802281584
Option 4 ID : 6306802281583

Q.5 What does the term "ergonomics" refer to?

- Ans
- ☐ 1. Evaluating compliance with safety policies
 - ☒ 2. Designing workplaces to fit the worker
 - ☐ 3. Inspecting equipment for damage
 - ☐ 4. Documenting employee behaviour

Question ID : 630680583201
Option 1 ID : 6306802281626
Option 2 ID : 6306802281624
Option 3 ID : 6306802281623
Option 4 ID : 6306802281625

Q.6 The term "bituminous plug joint" is commonly used in:

- Ans
- ☐ 1. Building construction
 - ☒ 2. Bridge construction
 - ☐ 3. Pipeline construction
 - ☐ 4. Tunnel construction

Question ID : 630680583217
Option 1 ID : 6306802281687
Option 2 ID : 6306802281688
Option 3 ID : 6306802281690
Option 4 ID : 6306802281689

Q.7 Which survey method involves using GPS to collect spatial data on the ground in real-time?

- Ans
- ☐ 1. Differential surveying
 - ☐ 2. Remote surveying
 - ☒ 3. Kinematic surveying
 - ☐ 4. Static surveying

Question ID : 630680583156
Option 1 ID : 6306802281445
Option 2 ID : 6306802281446
Option 3 ID : 6306802281444
Option 4 ID : 6306802281443

Q.8 The one-way simply-supported slab for a room of plan dimensions 8 m x 3 m carries ultimate working load of 8 kN/m. The design moment for the slab should be:

- Ans**
- ☒ 1. 12.00 kN.m
 - ☒ 2. 9.00 kN.m
 - ☒ 3. 3.00 kN.m
 - ☒ 4. 6.00 kN.m

Question ID : 630680583189
Option 1 ID : 6306802281578
Option 2 ID : 6306802281577
Option 3 ID : 6306802281575
Option 4 ID : 6306802281576

Q.9 What is the purpose of ballast in railway tracks?

- Ans**
- ☒ 1. To support sleepers
 - ☒ 2. To guide the train
 - ☒ 3. To provide a smooth surface
 - ☒ 4. To distribute loads

Question ID : 630680583165
Option 1 ID : 6306802281479
Option 2 ID : 6306802281482
Option 3 ID : 6306802281480
Option 4 ID : 6306802281481

Q.10 What is the primary purpose of chain surveying?

- Ans**
- ☒ 1. Studying astronomy
 - ☒ 2. Mapping rivers
 - ☒ 3. Measuring land
 - ☒ 4. Designing buildings

Question ID : 630680583229
Option 1 ID : 6306802281737
Option 2 ID : 6306802281735
Option 3 ID : 6306802281736
Option 4 ID : 6306802281738

Q.11 What does R-value represent in building materials?

- Ans
- ☐ 1. Roofing Resilience
 - ☐ 2. Reflectance Value
 - ☒ 3. Resistance to Heat Flow
 - ☐ 4. Radiant Ventilation

Question ID : 630680583245
Option 1 ID : 6306802281799
Option 2 ID : 6306802281800
Option 3 ID : 6306802281801
Option 4 ID : 6306802281802

Q.12 Which of the following statement is true regarding Isometric circle?

- Ans
- ☐ 1. An isometric circle appears as a parabola.
 - ☐ 2. An isometric circle appears as a circle.
 - ☐ 3. An isometric circle appears as a hyperbola.
 - ☒ 4. An isometric circle appears as an ellipse.

Question ID : 630680583209
Option 1 ID : 6306802281657
Option 2 ID : 6306802281655
Option 3 ID : 6306802281658
Option 4 ID : 6306802281656

Q.13 What role does a Green Belt typically play in a project team?

- Ans
- ☐ 1. Executive decision-maker
 - ☒ 2. Team leader
 - ☐ 3. Customer liaison
 - ☐ 4. Data analyst

Question ID : 630680583248
Option 1 ID : 6306802281811
Option 2 ID : 6306802281812
Option 3 ID : 6306802281814
Option 4 ID : 6306802281813

Q.14 Calculate the approximate estimate of a four storey building, if the total plinth area is 100 square metres per floor and height of floor is 6 m. The cubical content rate is Rs. 4,000 per cubic metre and the profit of the contractor is 10% of the total cost.

- Ans** ☒ 1. 10560000/-
☒ 2. 12480000/-
☒ 3. 480000/-
☒ 4. 960000/-

Question ID : 630680583160
 Option 1 ID : 6306802281461
 Option 2 ID : 6306802281462
 Option 3 ID : 6306802281459
 Option 4 ID : 6306802281460

Q.15 What type of line is preferably used to show the boundary between two different areas or surfaces in a drawing?

- Ans** ☒ 1. Diagonal Line
☒ 2. Border Line
☒ 3. Zigzag Line
☒ 4. Broken Line

Question ID : 630680583204
 Option 1 ID : 6306802281636
 Option 2 ID : 6306802281638
 Option 3 ID : 6306802281637
 Option 4 ID : 6306802281635

Q.16 What is the purpose of using rejuvenators in bituminous recycling?

- Ans** ☒ 1. Increase viscosity
☒ 2. Improve flexibility
☒ 3. Restore aged bitumen properties
☒ 4. Accelerate curing

Question ID : 630680583216
 Option 1 ID : 6306802281683
 Option 2 ID : 6306802281684
 Option 3 ID : 6306802281685
 Option 4 ID : 6306802281686

Q.17 What is the purpose of an Approximate Estimate?

- Ans
- ☐ 1. To obtain project funding
 - ☒ 2. To determine project feasibility
 - ☐ 3. To calculate project costs in detail
 - ☐ 4. To provide a contractor's bid

Question ID : 630680583159
Option 1 ID : 6306802281455
Option 2 ID : 6306802281458
Option 3 ID : 6306802281456
Option 4 ID : 6306802281457

Q.18 What is the primary purpose of a tack hammer?

- Ans
- ☐ 1. Driving large nails
 - ☒ 2. Driving small nails
 - ☐ 3. Measuring lengths
 - ☐ 4. Removing screws

Question ID : 630680583200
Option 1 ID : 6306802281619
Option 2 ID : 6306802281621
Option 3 ID : 6306802281622
Option 4 ID : 6306802281620

Q.19 What does GDD stand for in building orientation for gardening and landscaping?

- Ans
- ☐ 1. Geometric Design for Diversity
 - ☐ 2. Greenery Development Degree
 - ☐ 3. Ground Drainage Design
 - ☒ 4. Growing Degree Days

Question ID : 630680583244
Option 1 ID : 6306802281798
Option 2 ID : 6306802281795
Option 3 ID : 6306802281797
Option 4 ID : 6306802281796

Q.20 What type of line is used to represent the center of an object or the midpoint of a line segment?

- Ans
- ☒ 1. Solid Line
 - ☒ 2. Dotted Line
 - ☒ 3. Center Line
 - ☒ 4. Broken Line

Question ID : 630680583203
Option 1 ID : 6306802281631
Option 2 ID : 6306802281632
Option 3 ID : 6306802281634
Option 4 ID : 6306802281633

Section : Discipline 5

Q.1 Which type of rivet is commonly used in applications where a water-tight seal is essential?

- Ans
- ☒ 1. Tubular rivet
 - ☒ 2. Closed-End Blind rivet
 - ☒ 3. Solid rivet
 - ☒ 4. Flush rivet

Question ID : 630680583184
Option 1 ID : 6306802281556
Option 2 ID : 6306802281558
Option 3 ID : 6306802281555
Option 4 ID : 6306802281557

Q.2 In a countersunk bolted joint, what is the shape of the countersink?

- Ans
- ☒ 1. Cylindrical
 - ☒ 2. Square
 - ☒ 3. Conical
 - ☒ 4. Hexagonal

Question ID : 630680583183
Option 1 ID : 6306802281554
Option 2 ID : 6306802281552
Option 3 ID : 6306802281553
Option 4 ID : 6306802281551

Q.3 What is the purpose of the "inverse kinematics" (IK) in 3D animation?

- Ans
- ☒ 1. Creating a skeleton for movement
 - ☐ 2. Adjusting lighting effects
 - ☐ 3. Decimating polygons
 - ☐ 4. Applying textures

Question ID : 630680583197
Option 1 ID : 6306802281610
Option 2 ID : 6306802281609
Option 3 ID : 6306802281608
Option 4 ID : 6306802281607

Q.4 What is efflorescence in the context of damp proofing?

- Ans
- ☒ 1. White crystalline deposits
 - ☐ 2. Corrosion of metal
 - ☐ 3. Cavity wall insulation
 - ☐ 4. Injection damp proofing

Question ID : 630680583220
Option 1 ID : 6306802281700
Option 2 ID : 6306802281702
Option 3 ID : 6306802281699
Option 4 ID : 6306802281701

Q.5 How do gravity ventilators contribute to natural cooling in a building?

- Ans
- ☐ 1. By trapping heat
 - ☒ 2. By allowing hot air to escape
 - ☐ 3. By increasing indoor humidity
 - ☐ 4. By blocking airflow

Question ID : 630680583225
Option 1 ID : 6306802281720
Option 2 ID : 6306802281721
Option 3 ID : 6306802281722
Option 4 ID : 6306802281719

Q.6 What is the purpose of a target plate in EDM measurements?

- Ans
- ☐ 1. To measure angles
 - ☐ 2. To modulate signals
 - ☐ 3. To block interference
 - ☒ 4. To reflect signals

Question ID : 630680583157
Option 1 ID : 6306802281449
Option 2 ID : 6306802281450
Option 3 ID : 6306802281448
Option 4 ID : 6306802281447

Q.7 What is the purpose of the tangent screw in a Transit Vernier theodolite?

- Ans
- ☐ 1. To provide stability to the instrument
 - ☐ 2. To adjust the focus of the telescope
 - ☒ 3. To make fine adjustments in angle measurements
 - ☐ 4. To measure distances

Question ID : 630680583240
Option 1 ID : 6306802281781
Option 2 ID : 6306802281780
Option 3 ID : 6306802281782
Option 4 ID : 6306802281779

Q.8 Which CAD command is used to create a continuous curve passing through a series of points?

- Ans
- ☐ 1. Loop
 - ☒ 2. Spline
 - ☐ 3. Arch
 - ☐ 4. Curve

Question ID : 630680583196
Option 1 ID : 6306802281605
Option 2 ID : 6306802281603
Option 3 ID : 6306802281606
Option 4 ID : 6306802281604

Q.9 Which term refers to the process of animating a 3D model by changing its shape over time?

- Ans
- ☐ 1. Cloning
 - ☐ 2. Composition
 - ☒ 3. Morphing
 - ☐ 4. Extrusion

Question ID : 630680583198
Option 1 ID : 6306802281612
Option 2 ID : 6306802281614
Option 3 ID : 6306802281613
Option 4 ID : 6306802281611

Q.10 What is the purpose of post-processing in GPS surveying?

- Ans
- ☐ 1. Controlling satellite orbits
 - ☐ 2. Transmitting signals to satellites
 - ☐ 3. Real-time data collection
 - ☒ 4. Correcting measurement errors after data collection

Question ID : 630680583155
Option 1 ID : 6306802281441
Option 2 ID : 6306802281442
Option 3 ID : 6306802281439
Option 4 ID : 6306802281440

Q.11 What is the distinguishing feature of a ratio scale?

- Ans
- ☐ 1. Nominal identification
 - ☐ 2. Numerical values assigned to categories
 - ☐ 3. Ranking of categories
 - ☒ 4. True zero point

Question ID : 630680583208
Option 1 ID : 6306802281653
Option 2 ID : 6306802281651
Option 3 ID : 6306802281652
Option 4 ID : 6306802281654

Q.12 Which type of door is commonly used for outdoor access to a patio or garden?

- Ans ☒ 1. French door
☐ 2. Swinging door
☐ 3. Folding door
☐ 4. Sliding door

Question ID : 630680583223
 Option 1 ID : 6306802281712
 Option 2 ID : 6306802281713
 Option 3 ID : 6306802281714
 Option 4 ID : 6306802281711

Q.13 Which flooring type is suitable for areas with temperature variations, such as sunrooms or enclosed porches?

- Ans ☐ 1. Laminate
☐ 2. Bamboo
☒ 3. Ceramic tile
☐ 4. Hardwood

Question ID : 630680583226
 Option 1 ID : 6306802281724
 Option 2 ID : 6306802281726
 Option 3 ID : 6306802281725
 Option 4 ID : 6306802281723

Q.14 What is the purpose of a door knocker?

- Ans ☐ 1. Increased ventilation
☐ 2. Security
☐ 3. Sealing gaps
☒ 4. Aesthetic enhancement

Question ID : 630680583221
 Option 1 ID : 6306802281703
 Option 2 ID : 6306802281705
 Option 3 ID : 6306802281706
 Option 4 ID : 6306802281704

Q.15 What is the primary use of a utility knife in construction?

- Ans
- ☐ 1. Measuring lengths
 - ☐ 2. Sanding surfaces
 - ☐ 3. Cutting curves
 - ☒ 4. Cutting materials

Question ID : 630680583199
Option 1 ID : 6306802281615
Option 2 ID : 6306802281618
Option 3 ID : 6306802281616
Option 4 ID : 6306802281617

Q.16 What is the purpose of the spirit level on a Transit Vernier theodolite?

- Ans
- ☒ 1. To check for horizontal leveling
 - ☐ 2. To measure distances
 - ☐ 3. To focus the telescope
 - ☐ 4. To determine magnetic declination

Question ID : 630680583239
Option 1 ID : 6306802281777
Option 2 ID : 6306802281775
Option 3 ID : 6306802281778
Option 4 ID : 6306802281776

Q.17 What does LCC stand for in the evaluation of building materials?

- Ans
- ☒ 1. Life Cycle Cost
 - ☐ 2. Light and Climate Compatibility
 - ☐ 3. Luminance Control Certification
 - ☐ 4. Low-Cost Construction

Question ID : 630680583246
Option 1 ID : 6306802281804
Option 2 ID : 6306802281805
Option 3 ID : 6306802281806
Option 4 ID : 6306802281803

Q.18 Which method is used for surveying large areas with the help of a baseline?

- Ans
- ☒ 1. Trilateration
 - ☒ 2. Triangulation
 - ☐ 3. Pacing
 - ☐ 4. Taping

Question ID : 630680583231
Option 1 ID : 6306802281744
Option 2 ID : 6306802281743
Option 3 ID : 6306802281745
Option 4 ID : 6306802281746

Q.19 What does the "Wblock" command do in CAD?

- Ans
- ☒ 1. Save selected objects or a block as a separate drawing file
 - ☐ 2. Resize objects
 - ☐ 3. Change object color within a specific view
 - ☐ 4. Draw a straight line

Question ID : 630680583195
Option 1 ID : 6306802281600
Option 2 ID : 6306802281601
Option 3 ID : 6306802281599
Option 4 ID : 6306802281602

Q.20 What is the purpose of a check line in chain surveying?

- Ans
- ☒ 1. To verify measurements
 - ☐ 2. To measure slopes
 - ☐ 3. To secure the chain
 - ☐ 4. To record data

Question ID : 630680583230
Option 1 ID : 6306802281739
Option 2 ID : 6306802281741
Option 3 ID : 6306802281740
Option 4 ID : 6306802281742