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DFCCIL Executive

**Previous Year Paper
(Finance)
24 Aug, 2023 Shift 2**





Dedicated Freight Corridor Corporation of India Ltd.
A Government of India (Ministry of Railways) Enterprise

Test Date	24/08/2023
Test Time	12:00 PM - 1:30 PM
Subject	Executive Finance

Section : Mathematics or Numerical Ability

Q.1 Water flows through a pipe which is of cylindrical shape of radius 2.5 mm at rate of 10 m per minute and falls into a conical tub of 20 cm base radius and 24 cm height. How long will it take to fill the tub?

- Ans
- ☒ 1. 48 min 15 sec
 - ☒ 2. 52 min 2 sec
 - ☒ 3. 53 min 14 sec
 - ☒ 4. 51 min 12 sec

Question ID : 630680306985

Option 1 ID : 6306801194218

Option 2 ID : 6306801194217

Option 3 ID : 6306801194219

Option 4 ID : 6306801194220

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.2 A fan is listed at ₹ 150 with a discount of 20%. What additional discount must be offered to bring the net price to ₹ 108?

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

Question ID : 630680306974

Option 1 ID : 6306801194173

Option 2 ID : 6306801194175

Option 3 ID : 6306801194176

Option 4 ID : 6306801194174

Status : Answered

Chosen Option : 1

Q.3 X and Y together can finish work in 12 days, Y and Z can finish In 20 days and Z and X can finish in 15 days. Find in how many days X, Y and Z will finish the work?

- Ans
- ☒ 1. 6 days
 - ☒ 2. 11 days
 - ☒ 3. 9 days
 - ☒ 4. 10 days

Question ID : 630680306976

Option 1 ID : 6306801194182

Option 2 ID : 6306801194183

Option 3 ID : 6306801194181

Option 4 ID : 6306801194184

Status : Answered

Chosen Option : 1



Q.4 The population of a town is 176400. It increases annually at the rate of 5% per annum. What was the population 2 years ago?

- Ans**
- ☒ 1. 158000
 - ☒ 2. 170000
 - ☒ 3. 168000
 - ☒ 4. 160000

Question ID : 630680306965
Option 1 ID : 6306801194140
Option 2 ID : 6306801194137
Option 3 ID : 6306801194138
Option 4 ID : 6306801194139
Status : Answered
Chosen Option : 4

Q.5 If $\frac{1}{x} : \frac{1}{y} : \frac{1}{z} = 2 : 3 : 5$, then $x : y : z = ?$

- Ans**
- ☒ 1. 5 : 3 : 2
 - ☒ 2. 6 : 10 : 15
 - ☒ 3. 15 : 10 : 6
 - ☒ 4. 2 : 3 : 5

Question ID : 630680306968
Option 1 ID : 6306801194149
Option 2 ID : 6306801194152
Option 3 ID : 6306801194151
Option 4 ID : 6306801194150
Status : Answered
Chosen Option : 3

Q.6 Find the value of $\cos \frac{\pi}{15} \cos \frac{2\pi}{15} \cos \frac{3\pi}{15} \cos \frac{4\pi}{15} \cos \frac{5\pi}{15} \cos \frac{6\pi}{15} \cos \frac{7\pi}{15}$.

- Ans**
- ☒ 1. $\frac{1}{28}$
 - ☒ 2. $\frac{1}{8}$
 - ☒ 3. $\frac{1}{15}$
 - ☒ 4. $\frac{1}{128}$

Question ID : 630680306982
Option 1 ID : 6306801194207
Option 2 ID : 6306801194206
Option 3 ID : 6306801194205
Option 4 ID : 6306801194208
Status : Answered
Chosen Option : 3

Q.7 If a square and rhombus stand on the same base, then ratio of the area of square to rhombus is:

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

Question ID : 630680306987

Option 1 ID : 6306801194226

Option 2 ID : 6306801194228

Option 3 ID : 6306801194227

Option 4 ID : 6306801194225

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.8 Solve the equation $6x^3 - 9x^2 + 14x + 24 = 0$, two of those are in ration 2 : 3?

- Ans
- ☐ 1. 3, 5 & 4
 - ☒ 2. 4, 6 & -1
 - ☐ 3. -2, 1 & -3
 - ☐ 4. 2, 3 & -1

Question ID : 630680306981

Option 1 ID : 6306801194203

Option 2 ID : 6306801194201

Option 3 ID : 6306801194204

Option 4 ID : 6306801194202

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.9 Two trains start at the same time from one point and move along the two roads at right angles to each other. There speed are 36 km/hr and 48 km/hr respectively. Find distance after 15 Seconds?

- Ans
- ☐ 1. 400 km
 - ☐ 2. 150 km
 - ☒ 3. 250 km
 - ☐ 4. 300 km

Question ID : 630680306978

Option 1 ID : 6306801194189

Option 2 ID : 6306801194190

Option 3 ID : 6306801194192

Option 4 ID : 6306801194191

Status : Answered

Chosen Option : 3

Q.10 Find the length of canvas of conical shape with 1.2 m width and 14 m height and floor area is 346.5 m^2 ?

- Ans
- ☐ 1. 860 m
 - ☒ 2. 770 m
 - ☐ 3. 490 m
 - ☐ 4. 665 m

Question ID : 630680306984

Option 1 ID : 6306801194214

Option 2 ID : 6306801194215

Option 3 ID : 6306801194213

Option 4 ID : 6306801194216

Status : Not Attempted and
Marked For Review

Chosen Option : --



Q.11 If the compound interest on a certain sum of money for 3 years at 10% per annum be ₹ 993, what would be the simple interest?

- Ans**
- ☒ 1. ₹ 1000
 - ☒ 2. ₹ 850
 - ☒ 3. ₹ 900
 - ☒ 4. ₹ 950

Question ID : 630680306973
Option 1 ID : 6306801194172
Option 2 ID : 6306801194169
Option 3 ID : 6306801194170
Option 4 ID : 6306801194171
Status : Answered
Chosen Option : 3

Q.12 The sum of all roots of the equation $6x^3 - 11x^2 + 6x - 1 = 0$, whose roots are in Harmonic progression?

- Ans**
- ☒ 1. $\frac{11}{6}$
 - ☒ 2. $\frac{5}{6}$
 - ☒ 3. $\frac{7}{6}$
 - ☒ 4. $\frac{21}{6}$

Question ID : 630680306980
Option 1 ID : 6306801194197
Option 2 ID : 6306801194200
Option 3 ID : 6306801194198
Option 4 ID : 6306801194199
Status : Answered
Chosen Option : 1

Q.13 It is given that $(3^{21} + 1)$ is exactly divisible by a certain number. Which of the following is also definitely divisible by the same number?

- Ans**
- ☒ 1. $(3^{21} - 1)$
 - ☒ 2. $(3^{42} + 1)$
 - ☒ 3. $(3^{42} - 1)$
 - ☒ 4. $(3^{63} + 1)$

Question ID : 630680306958
Option 1 ID : 6306801194112
Option 2 ID : 6306801194109
Option 3 ID : 6306801194110
Option 4 ID : 6306801194111
Status : Answered
Chosen Option : 2

Q.14 By what least number 9720 must be multiplied to get a perfect cube?

- Ans ☒ 1. 75
☐ 2. 5
☐ 3. 3
☐ 4. 15

Question ID : 630680306960
Option 1 ID : 6306801194120
Option 2 ID : 6306801194119
Option 3 ID : 6306801194118
Option 4 ID : 6306801194117
Status : Answered
Chosen Option : 1

Q.15 If $(4p^2 - 3q^2) : (2p^2 + 5q^2) = 12 : 19$, then $p : q = ?$

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

Question ID : 630680306969
Option 1 ID : 6306801194153
Option 2 ID : 6306801194156
Option 3 ID : 6306801194155
Option 4 ID : 6306801194154
Status : Answered
Chosen Option : 3

Q.16 Calculate the average of children per family?

Number of children in family	Number of families
1	73
2	378
3	459
4	90

- Ans ☐ 1. 2.569
☐ 2. 2.466
☐ 3. 2.587
☒ 4. 2.566

Question ID : 630680306961
Option 1 ID : 6306801194123
Option 2 ID : 6306801194122
Option 3 ID : 6306801194124
Option 4 ID : 6306801194121
Status : Answered
Chosen Option : 4



Q.17 Simplify the following equation.

$$\frac{(x-y)^3 + (y-z)^3 + (z-x)^3}{9(x-y)(y-z)(z-x)} = ?$$

- Ans
- ✓ 1. $\frac{1}{3}$
 - ✗ 2. 0
 - ✗ 3. 1
 - ✗ 4. $\frac{1}{9}$

Question ID : 630680306959
Option 1 ID : 6306801194114
Option 2 ID : 6306801194115
Option 3 ID : 6306801194116
Option 4 ID : 6306801194113
Status : Answered
Chosen Option : 1

Q.18 If ₹ 6250 at 8% per annum is compounded annually, the what will be compound interest after 2 years?

- Ans
- ✗ 1. ₹ 1050
 - ✗ 2. ₹ 1020
 - ✓ 3. ₹ 1040
 - ✗ 4. ₹ 1030

Question ID : 630680306972
Option 1 ID : 6306801194168
Option 2 ID : 6306801194165
Option 3 ID : 6306801194167
Option 4 ID : 6306801194166
Status : Answered
Chosen Option : 3

Q.19 Evaluate 45% of 200 + 28% of 400.

- Ans
- ✗ 1. 204
 - ✗ 2. 600
 - ✓ 3. 202
 - ✗ 4. 404

Question ID : 630680306964
Option 1 ID : 6306801194136
Option 2 ID : 6306801194134
Option 3 ID : 6306801194133
Option 4 ID : 6306801194135
Status : Answered
Chosen Option : 3

Q.20 A bag is bought for ₹ 1020 and sold at ₹ 850. What is the loss percent?

- Ans
- ☒ 1. $\frac{52}{3}\%$
 - ☒ 2. 17%
 - ☒ 3. $\frac{50}{3}\%$
 - ☒ 4. $\frac{47}{3}\%$

Question ID : 630680306966
Option 1 ID : 6306801194143
Option 2 ID : 6306801194144
Option 3 ID : 6306801194142
Option 4 ID : 6306801194141
Status : Answered
Chosen Option : 3

Q.21 A sum of ₹ 10 is lent to be returned in 11 monthly installments of ₹ 1 each, at simple interest, what will be rate?

- Ans
- ☒ 1. 10%
 - ☒ 2. $\frac{100}{11}\%$
 - ☒ 3. 11%
 - ☒ 4. $\frac{240}{11}\%$

Question ID : 630680306971
Option 1 ID : 6306801194163
Option 2 ID : 6306801194161
Option 3 ID : 6306801194164
Option 4 ID : 6306801194162
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.22 P does 20% less work than Q. If P can finish the work in $\frac{15}{2}$ hours, then Q can do it in how many hours?

- Ans
- ☒ 1. 4.5
 - ☒ 2. 5
 - ☒ 3. 5.5
 - ☒ 4. 6

Question ID : 630680306975
Option 1 ID : 6306801194179
Option 2 ID : 6306801194178
Option 3 ID : 6306801194180
Option 4 ID : 6306801194177
Status : Answered
Chosen Option : 4

Q.23 Rita can cover a distance in 1hr 24 min by covering two-third of the distance at 4 km/hr and the rest at 5 km/hr. Find the total distance?

- Ans**
- ☒ 1. 5 km
 - ☒ 2. 7 km
 - ☒ 3. 7.5 km
 - ☒ 4. 6 km

Question ID : 630680306977
Option 1 ID : 6306801194185
Option 2 ID : 6306801194187
Option 3 ID : 6306801194188
Option 4 ID : 6306801194186
Status : Answered
Chosen Option : 4

Q.24 One year ago, the ratio between P's and Q's salary was 3 : 4. The ratio of their individual salaries between last and this year was 4 : 5 and 2 : 3 respectively. If total salary now is ₹ 41600. P's present salary is:

- Ans**
- ☒ 1. ₹ 16000
 - ☒ 2. ₹ 15600
 - ☒ 3. ₹ 100000
 - ☒ 4. ₹ 150000

Question ID : 630680306970
Option 1 ID : 6306801194160
Option 2 ID : 6306801194159
Option 3 ID : 6306801194157
Option 4 ID : 6306801194158
Status : Answered
Chosen Option : 1

Q.25 The area of an equilateral triangle inscribed in a circle of radius 2 unit is:

- Ans**
- ☒ 1. 3 sq unit
 - ☒ 2. $4\sqrt{3}$ sq unit
 - ☒ 3. $3\sqrt{3}$ sq unit
 - ☒ 4. 3.5 sq unit

Question ID : 630680306986
Option 1 ID : 6306801194221
Option 2 ID : 6306801194224
Option 3 ID : 6306801194223
Option 4 ID : 6306801194222
Status : Answered
Chosen Option : 3

Q.26 Ram sells mango at a gain of 20%. If he had bought it at 20% less and sold it for ₹ 5 less, it would have got 25% profit. Find cost price of mango?

- Ans**
- ☒ 1. ₹ 28
 - ☒ 2. ₹ 25
 - ☒ 3. ₹ 27
 - ☒ 4. ₹ 26

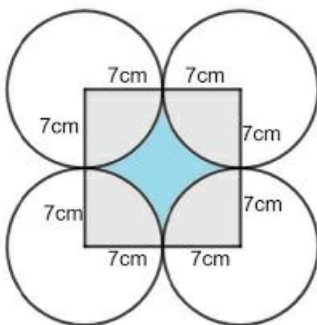
Question ID : 630680306967
Option 1 ID : 6306801194148
Option 2 ID : 6306801194145
Option 3 ID : 6306801194147
Option 4 ID : 6306801194146
Status : Answered
Chosen Option : 2

Q.27 A man covers a distance 'd' at x km/hr and return back to starting point at y km/hr. Then his average speed in whole journey is:

- Ans**
- ✓ 1. $\frac{2xy}{x+y}$
 - ✗ 2. $\frac{x+y}{2xy}$
 - ✗ 3. $\frac{x-y}{2}$
 - ✗ 4. $x+y$

Question ID : 630680306962
Option 1 ID : 6306801194128
Option 2 ID : 6306801194127
Option 3 ID : 6306801194126
Option 4 ID : 6306801194125
Status : Answered
Chosen Option : 1

Q.28 Find Area of shaded black region.



- Ans**
- ✗ 1. 49 cm^2
 - ✗ 2. 154 cm^2
 - ✓ 3. 77 cm^2
 - ✗ 4. 144 cm^2

Question ID : 630680306983
Option 1 ID : 6306801194210
Option 2 ID : 6306801194209
Option 3 ID : 6306801194211
Option 4 ID : 6306801194212
Status : Answered
Chosen Option : 2

Q.29 Find the value of 'p', if the mean of following distribution is 20.

x	15	17	19	20+p	23
f	2	3	4	5p	6

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

Question ID : 630680306979
Option 1 ID : 6306801194196
Option 2 ID : 6306801194194
Option 3 ID : 6306801194195
Option 4 ID : 6306801194193
Status : Answered
Chosen Option : 2

Q.30 The average temperature for Monday, Tuesday and Wednesday is 39°C. The average for Tuesday, Wednesday and Thursday is 42°C. If the temperature on Thursday is 42°C, then what is temperature on Monday?

- Ans
- ☐ 1. 34°C
 - ☒ 2. 33°C
 - ☐ 3. 32°C
 - ☐ 4. 31°C

Question ID : 630680306963
Option 1 ID : 6306801194132
Option 2 ID : 6306801194131
Option 3 ID : 6306801194130
Option 4 ID : 6306801194129
Status : Answered
Chosen Option : 2

Section : General Awareness

Q.1 According to union budget 2023-24, Countries looking for digital continuity solutions would be facilitated for setting up of their Data Embassies in _____.

- Ans
- ☐ 1. GIFT ISC
 - ☐ 2. GIFT IFS
 - ☐ 3. IFSC
 - ☒ 4. GIFT IFSC

Question ID : 630680306991
Option 1 ID : 6306801194243
Option 2 ID : 6306801194241
Option 3 ID : 6306801194244
Option 4 ID : 6306801194242
Status : Not Answered
Chosen Option : --

Q.2 Which of the following language is not included in the 8th schedule of the Indian constitution?

- Ans
- ☒ 1. Bodo
 - ☒ 2. Maithili
 - ☒ 3. Nepali
 - ☒ 4. Rajasthani

Question ID : 630680306994
Option 1 ID : 6306801194253
Option 2 ID : 6306801194254
Option 3 ID : 6306801194256
Option 4 ID : 6306801194255
Status : Answered
Chosen Option : 3

Q.3 Which article of the Indian Constitution talks about religious freedom?

- Ans
- ☒ 1. 14-18
 - ☒ 2. 19-21
 - ☒ 3. 29-30
 - ☒ 4. 25-28

Question ID : 630680307000
Option 1 ID : 6306801194278
Option 2 ID : 6306801194279
Option 3 ID : 6306801194280
Option 4 ID : 6306801194277
Status : Answered
Chosen Option : 4

Q.4 In which of the following cities was the First Round Table Conference held?

- Ans
- ☒ 1. Bombay
 - ☒ 2. Durban
 - ☒ 3. London
 - ☒ 4. Delhi

Question ID : 630680306992
Option 1 ID : 6306801194247
Option 2 ID : 6306801194248
Option 3 ID : 6306801194245
Option 4 ID : 6306801194246
Status : Answered
Chosen Option : 3

Q.5 In which year India and Pakistan signed the Indus Water Treaty?

- Ans
- ☒ 1. 1972
 - ☒ 2. 1956
 - ☒ 3. 1960
 - ☒ 4. 1947

Question ID : 630680306996
Option 1 ID : 6306801194264
Option 2 ID : 6306801194262
Option 3 ID : 6306801194263
Option 4 ID : 6306801194261
Status : Answered
Chosen Option : 3



Q.6 It is the first stage of karyokinesis of mitosis follows the S and G2 phases of interphase. Which is being discussed here?

- Ans
- ☒ 1. Metaphase
 - ☒ 2. Anaphase
 - ☒ 3. Prophase
 - ☒ 4. Telophase

Question ID : 630680307002
Option 1 ID : 6306801194286
Option 2 ID : 6306801194287
Option 3 ID : 6306801194285
Option 4 ID : 6306801194288
Status : Not Answered
Chosen Option : --

Q.7 Bihu is mainly celebrated in which state of India?

- Ans
- ☒ 1. Assam
 - ☒ 2. Nagaland
 - ☒ 3. Manipur
 - ☒ 4. Tripura

Question ID : 630680306995
Option 1 ID : 6306801194257
Option 2 ID : 6306801194258
Option 3 ID : 6306801194259
Option 4 ID : 6306801194260
Status : Answered
Chosen Option : 1

Q.8 How many schedules are there in the Indian Constitution?

- Ans
- ☒ 1. 09
 - ☒ 2. 08
 - ☒ 3. 12
 - ☒ 4. 11

Question ID : 630680306999
Option 1 ID : 6306801194276
Option 2 ID : 6306801194275
Option 3 ID : 6306801194274
Option 4 ID : 6306801194273
Status : Answered
Chosen Option : 3

Q.9 Recently, the government has issued Surrogacy (Regulation) Rules, 2022 under which Surrogacy (Regulation) Act?

- Ans
- ☒ 1. Surrogacy (Regulation) Act, 2022
 - ☒ 2. Surrogacy (Regulation) Act, 2021
 - ☒ 3. Surrogacy (Regulation) Act, 2020
 - ☒ 4. Surrogacy (Regulation) Act, 2019

Question ID : 630680306990
Option 1 ID : 6306801194238
Option 2 ID : 6306801194239
Option 3 ID : 6306801194237
Option 4 ID : 6306801194240
Status : Answered
Chosen Option : 2



Q.10 The word monsoon is derived from the _____ word 'mausim' which literally means season.

- Ans
- ☒ 1. Urdu
 - ☒ 2. Arabic
 - ☒ 3. Sanskrit
 - ☒ 4. Persian

Question ID : 630680306997
Option 1 ID : 6306801194267
Option 2 ID : 6306801194265
Option 3 ID : 6306801194268
Option 4 ID : 6306801194266
Status : Answered
Chosen Option : 1

Q.11 In which Indian state was the final match of IPL 2023 held?

- Ans
- ☒ 1. Maharashtra
 - ☒ 2. Gujarat
 - ☒ 3. Delhi
 - ☒ 4. Tamilnadu

Question ID : 630680306988
Option 1 ID : 6306801194231
Option 2 ID : 6306801194230
Option 3 ID : 6306801194229
Option 4 ID : 6306801194232
Status : Answered
Chosen Option : 2

Q.12 Recently, the Global Methane Assessment 2030 Baseline Report was released by which of the following?

- Ans
- ☒ 1. UNDP
 - ☒ 2. UNEP
 - ☒ 3. WORLD BANK
 - ☒ 4. UNESCO

Question ID : 630680306989
Option 1 ID : 6306801194234
Option 2 ID : 6306801194233
Option 3 ID : 6306801194236
Option 4 ID : 6306801194235
Status : Answered
Chosen Option : 2

Q.13 In which of the following year the Widow Remarriage Act was passed?

- Ans
- ☒ 1. 1856
 - ☒ 2. 1928
 - ☒ 3. 1867
 - ☒ 4. 1854

Question ID : 630680306993
Option 1 ID : 6306801194252
Option 2 ID : 6306801194249
Option 3 ID : 6306801194250
Option 4 ID : 6306801194251
Status : Answered
Chosen Option : 1



Q.14 According to the 2011 census, which religion has the largest population in India?

- Ans
- ☐ 1. Islam
 - ☐ 2. Sikh
 - ☒ 3. Hindu
 - ☐ 4. Christian

Question ID : 630680306998
Option 1 ID : 6306801194270
Option 2 ID : 6306801194269
Option 3 ID : 6306801194271
Option 4 ID : 6306801194272
Status : Answered
Chosen Option : 3

Q.15 Protein is also known as which food?

- Ans
- ☐ 1. Mental power boost food
 - ☐ 2. Cleaning factor of stomach food
 - ☐ 3. Energy food
 - ☒ 4. Body building food

Question ID : 630680307001
Option 1 ID : 6306801194282
Option 2 ID : 6306801194284
Option 3 ID : 6306801194281
Option 4 ID : 6306801194283
Status : Answered
Chosen Option : 4

Section : General Science

Q.1 A magnet attracts which of the following?

- Ans
- ☐ 1. plastics
 - ☐ 2. carbon
 - ☐ 3. aluminium
 - ☒ 4. iron

Question ID : 630680307013
Option 1 ID : 6306801194329
Option 2 ID : 6306801194330
Option 3 ID : 6306801194331
Option 4 ID : 6306801194332
Status : Answered
Chosen Option : 4

Q.2 In which state are the maximum number of tigers found?

- Ans
- ☐ 1. Gujarat
 - ☒ 2. Madhya Pradesh
 - ☐ 3. Maharashtra
 - ☐ 4. Odisha

Question ID : 630680307004
Option 1 ID : 6306801194295
Option 2 ID : 6306801194294
Option 3 ID : 6306801194296
Option 4 ID : 6306801194293
Status : Answered
Chosen Option : 2



Q.3 A current carrying wire in the neighborhood produces which of the following?

- Ans
- ✓ 1. magnetic field only
 - ✗ 2. no field
 - ✗ 3. electric field only
 - ✗ 4. electric and magnetic fields

Question ID : 630680307014
Option 1 ID : 6306801194336
Option 2 ID : 6306801194333
Option 3 ID : 6306801194335
Option 4 ID : 6306801194334
Status : Answered
Chosen Option : 4

Q.4 What is the unit used to measure the radius of an atom?

- Ans
- ✗ 1. kilometer
 - ✓ 2. Picometer
 - ✗ 3. meter
 - ✗ 4. Pascal

Question ID : 630680307005
Option 1 ID : 6306801194299
Option 2 ID : 6306801194297
Option 3 ID : 6306801194298
Option 4 ID : 6306801194300
Status : Answered
Chosen Option : 2

Q.5 Which of the following enzymes needs an acidic medium to be active?

- Ans
- ✗ 1. Trypsin
 - ✓ 2. pepsin
 - ✗ 3. lipase
 - ✗ 4. Amylase

Question ID : 630680307012
Option 1 ID : 6306801194325
Option 2 ID : 6306801194326
Option 3 ID : 6306801194327
Option 4 ID : 6306801194328
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.6 When is Tiger Day celebrated?

- Ans
- ✗ 1. 29 August
 - ✗ 2. 29 June
 - ✗ 3. 29 May
 - ✓ 4. 29 July

Question ID : 630680307003
Option 1 ID : 6306801194292
Option 2 ID : 6306801194289
Option 3 ID : 6306801194290
Option 4 ID : 6306801194291
Status : Answered
Chosen Option : 4



Q.7 The shaking and trembling of earth is called:

- Ans
- ☐ 1. tsunami
 - ☐ 2. none of the given options
 - ☒ 3. earthquake
 - ☐ 4. volcano

Question ID : 630680307017
Option 1 ID : 6306801194345
Option 2 ID : 6306801194348
Option 3 ID : 6306801194347
Option 4 ID : 6306801194346
Status : Answered
Chosen Option : 3

Q.8 What is the atomic radius of hydrogen?

- Ans
- ☐ 1. 35 pm
 - ☐ 2. 36 pm
 - ☐ 3. 34 pm
 - ☒ 4. 37 pm

Question ID : 630680307006
Option 1 ID : 6306801194302
Option 2 ID : 6306801194303
Option 3 ID : 6306801194301
Option 4 ID : 6306801194304
Status : Not Answered
Chosen Option : --

Q.9 Oxidation is a process that involves.

- Ans
- ☐ 1. removal of hydrogen
 - ☐ 2. removal of oxygen
 - ☐ 3. addition of hydrogen
 - ☒ 4. addition of oxygen

Question ID : 630680307011
Option 1 ID : 6306801194324
Option 2 ID : 6306801194323
Option 3 ID : 6306801194322
Option 4 ID : 6306801194321
Status : Answered
Chosen Option : 4

Q.10 Which of the following gases can be used for storage?

- Ans
- ☐ 1. Carbon dioxide or Helium
 - ☐ 2. Carbon dioxide or Oxygen
 - ☐ 3. Nitrogen or Oxygen
 - ☒ 4. Helium or Nitrogen

Question ID : 630680307010
Option 1 ID : 6306801194319
Option 2 ID : 6306801194317
Option 3 ID : 6306801194320
Option 4 ID : 6306801194318
Status : Answered
Chosen Option : 4



Q.11 Where is the ozone layer found in the atmosphere?

- Ans ☒ 1. stratosphere
☒ 2. troposphere
☒ 3. lonosphere
☒ 4. mesosphere

Question ID : 630680307009
Option 1 ID : 6306801194314
Option 2 ID : 6306801194313
Option 3 ID : 6306801194316
Option 4 ID : 6306801194315
Status : Answered
Chosen Option : 2

Q.12 Which gases cause global warming?

- Ans ☒ 1. rare gases
☒ 2. noble gases
☒ 3. inert gases
☒ 4. greenhouse gases

Question ID : 630680307008
Option 1 ID : 6306801194310
Option 2 ID : 6306801194312
Option 3 ID : 6306801194309
Option 4 ID : 6306801194311
Status : Answered
Chosen Option : 4

Q.13 Which of the following is not a contraceptive?

- Ans ☒ 1. Super T
☒ 2. Condom
☒ 3. Vasectomy
☒ 4. Copper T

Question ID : 630680307007
Option 1 ID : 6306801194308
Option 2 ID : 6306801194306
Option 3 ID : 6306801194307
Option 4 ID : 6306801194305
Status : Answered
Chosen Option : 1

Q.14 Direction of induced e.m.f. is determined by:

- Ans ☒ 1. Ampere's rule of swimming
☒ 2. Fleming's left hand rule
☒ 3. Fleming's right hand rule
☒ 4. Maxwell's rule

Question ID : 630680307015
Option 1 ID : 6306801194340
Option 2 ID : 6306801194337
Option 3 ID : 6306801194338
Option 4 ID : 6306801194339
Status : Not Attempted and Marked For Review
Chosen Option : --



Q.15 Which of the following earthquakes cause maximum damage?

- Ans ☒ 1. 8.0
☐ 2. 5.0
☐ 3. 4.0
☐ 4. 3.0

Question ID : 630680307016
Option 1 ID : 6306801194342
Option 2 ID : 6306801194343
Option 3 ID : 6306801194344
Option 4 ID : 6306801194341
Status : Answered
Chosen Option : 1

Section : Logical Reasoning or General Intelligence

Q.1 Which among the following will replace the question mark?

25, 30, 35, 40,....?

- Ans ☐ 1. 55
☐ 2. 60
☐ 3. 50
☒ 4. 45

Question ID : 630680307031
Option 1 ID : 6306801194401
Option 2 ID : 6306801194404
Option 3 ID : 6306801194402
Option 4 ID : 6306801194403
Status : Answered
Chosen Option : 4

Q.2 Which will replace the question mark (?) in the given series?

A, AB, ABC, ABCD, ABCDE, ABCDE...?

- Ans ☐ 1. EF
☒ 2. F
☐ 3. DEF
☐ 4. G

Question ID : 630680307032
Option 1 ID : 6306801194406
Option 2 ID : 6306801194405
Option 3 ID : 6306801194407
Option 4 ID : 6306801194408
Status : Answered
Chosen Option : 2



Q.3 In a certain code language, the word BOOK is written as B = Z, O = Y and K = X, then how will the word OBKO be written?

- Ans
- ☒ 1. XYZY
 - ☒ 2. ZYXZ
 - ☒ 3. YZXY
 - ☒ 4. YXYZ

Question ID : 630680307035
Option 1 ID : 6306801194420
Option 2 ID : 6306801194417
Option 3 ID : 6306801194419
Option 4 ID : 6306801194418
Status : Answered
Chosen Option : 3

Q.4 निम्नलिखित में से कौन अन्य दूसरे से भिन्न है?

- Ans
- ☒ 1. मसूर
 - ☒ 2. चना
 - ☒ 3. सरसो
 - ☒ 4. अरहर

Question ID : 630680307028
Option 1 ID : 6306801194392
Option 2 ID : 6306801194389
Option 3 ID : 6306801194391
Option 4 ID : 6306801194390
Status : Answered
Chosen Option : 3

Q.5 Look at this series: 80, 65, 50, 35, 20, ?

What number should come next?

- Ans
- ☒ 1. 20
 - ☒ 2. 5
 - ☒ 3. 10
 - ☒ 4. 15

Question ID : 630680307027
Option 1 ID : 6306801194388
Option 2 ID : 6306801194385
Option 3 ID : 6306801194386
Option 4 ID : 6306801194387
Status : Answered
Chosen Option : 2



Q.6 Which among the following will replace the question mark?

CUP : LIP :: BIRD : ?

- Ans ☒ 1. BEAK
☐ 2. GRASS
☐ 3. BUSH
☐ 4. FOREST

Question ID : 630680307030
Option 1 ID : 6306801194399
Option 2 ID : 6306801194397
Option 3 ID : 6306801194400
Option 4 ID : 6306801194398
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.7 Six girls are standing in such a way that they form a circle, facing the centre. Shubhi is to the left of Payal, Natasha is between Shubhi and Nisha, Aruna is between Payal and Rakesh. Who is to the left of Payal?

- Ans ☐ 1. Nisha
☐ 2. Rakesh
☒ 3. Shubhi
☐ 4. Aruna

Question ID : 630680307019
Option 1 ID : 6306801194355
Option 2 ID : 6306801194354
Option 3 ID : 6306801194353
Option 4 ID : 6306801194356
Status : Answered
Chosen Option : 3

Q.8 Vikas walks 2 km towards East, takes a left turn and walks 2 km. In which direction is Rakesh from his starting point?

- Ans ☐ 1. North-west
☐ 2. South
☐ 3. west
☒ 4. North-east

Question ID : 630680307036
Option 1 ID : 6306801194421
Option 2 ID : 6306801194423
Option 3 ID : 6306801194424
Option 4 ID : 6306801194422
Status : Answered
Chosen Option : 4

Q.9 Ravi is the father of Rakesh. Sunita is the wife of Ravi. Shreya is Rakesh's sister. Based on the given question, how is Shreya related to Ravi?

- Ans ☒ 1. Daughter
☐ 2. Mother
☐ 3. Aunty
☐ 4. Sister

Question ID : 630680307037
Option 1 ID : 6306801194425
Option 2 ID : 6306801194426
Option 3 ID : 6306801194428
Option 4 ID : 6306801194427
Status : Answered
Chosen Option : 1



Q.10 Which will replace the question mark (?) in the given series?

ORGANIC MANURE : CROPS : ?

- Ans ☒ 1. MILK : BODY
☐ 2. POND : WATER
☐ 3. WATER : RIVER
☐ 4. PESTICIDE : RATS

Question ID : 630680307033
Option 1 ID : 6306801194411
Option 2 ID : 6306801194410
Option 3 ID : 6306801194409
Option 4 ID : 6306801194412
Status : Answered
Chosen Option : 4

Q.11 If LOSE is coded as 1357 and GAIN is coded as 2468, how will 84615 be written?

- Ans ☐ 1. LANES
☒ 2. NAILS
☐ 3. SLAIN
☐ 4. SNAIL

Question ID : 630680307040
Option 1 ID : 6306801194440
Option 2 ID : 6306801194437
Option 3 ID : 6306801194439
Option 4 ID : 6306801194438
Status : Answered
Chosen Option : 2

Q.12 Arrange the following in proper sequence?

1. Infant
2. Child
3. Adult

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

Question ID : 630680307045
Option 1 ID : 6306801194460
Option 2 ID : 6306801194458
Option 3 ID : 6306801194459
Option 4 ID : 6306801194457
Status : Answered
Chosen Option : 2

Q.13 If SEVEN is coded as 23136 and TIE is coded as 083, then how will NINE be written?

- Ans
- ☒ 1. 6436
 - ☒ 2. 6364
 - ☒ 3. 6578
 - ☒ 4. 6863

Question ID : 630680307039
Option 1 ID : 6306801194435
Option 2 ID : 6306801194434
Option 3 ID : 6306801194436
Option 4 ID : 6306801194433
Status : Answered
Chosen Option : 4

Q.14 In a row, Sunil is 25th from the beginning and 35th from the end. How many persons are there in the queue?

- Ans
- ☒ 1. 58
 - ☒ 2. 56
 - ☒ 3. 59
 - ☒ 4. 57

Question ID : 630680307025
Option 1 ID : 6306801194377
Option 2 ID : 6306801194380
Option 3 ID : 6306801194378
Option 4 ID : 6306801194379
Status : Answered
Chosen Option : 3

Q.15 In a certain code language if SUJIT is written as 'USJTI' then how will SUMIT be written in that code language?

- Ans
- ☒ 1. USTMI
 - ☒ 2. USMTI
 - ☒ 3. USIMT
 - ☒ 4. USMIT

Question ID : 630680307034
Option 1 ID : 6306801194414
Option 2 ID : 6306801194415
Option 3 ID : 6306801194416
Option 4 ID : 6306801194413
Status : Answered
Chosen Option : 2

Q.16 If $P > E > T > D > H > K$, then which of the following is correct?

- Ans
- ☒ 1. $K < P$
 - ☒ 2. $D > P$
 - ☒ 3. $T < D$
 - ☒ 4. $K > P$

Question ID : 630680307024
Option 1 ID : 6306801194374
Option 2 ID : 6306801194375
Option 3 ID : 6306801194376
Option 4 ID : 6306801194373
Status : Answered
Chosen Option : 1



Q.17 In a certain code language, if black is written as red, red is written as yellow, yellow is written as blue and blue is written as white, then which color is called red?

- Ans** ☒ 1. Black
 ☐ 2. Blue
 ☐ 3. White
 ☐ 4. Yellow

Question ID : 630680307043
Option 1 ID : 6306801194449
Option 2 ID : 6306801194452
Option 3 ID : 6306801194450
Option 4 ID : 6306801194451
Status : Answered
Chosen Option : 4

Q.18 Look at this series: 7, 10, 8, 11, 9, 12, ?

What number should come next?

- Ans** ☐ 1. 7
 ☐ 2. 12
 ☒ 3. 10
 ☐ 4. 13

Question ID : 630680307026
Option 1 ID : 6306801194381
Option 2 ID : 6306801194382
Option 3 ID : 6306801194383
Option 4 ID : 6306801194384
Status : Answered
Chosen Option : 3

Q.19 Which among the following is smallest?

$P > Q > R > S > T$

- Ans** ☒ 1. T
 ☐ 2. P
 ☐ 3. S
 ☐ 4. R

Question ID : 630680307047
Option 1 ID : 6306801194466
Option 2 ID : 6306801194465
Option 3 ID : 6306801194468
Option 4 ID : 6306801194467
Status : Answered
Chosen Option : 1

Q.20 Which will replace the question mark(?) in the given figure?

39, 46, 53, 60, ?

- Ans
- ☒ 1. 69
 - ☒ 2. 67
 - ☒ 3. 65
 - ☒ 4. 68

Question ID : 630680307041
Option 1 ID : 6306801194443
Option 2 ID : 6306801194441
Option 3 ID : 6306801194444
Option 4 ID : 6306801194442
Status : Answered
Chosen Option : 2

Q.21 Sunil's present age is two-fifth of the age of his uncle later 8 years, he will be one-half, of the age of his uncle. How old is the uncle at present?

- Ans
- ☒ 1. 32 years
 - ☒ 2. 48 years
 - ☒ 3. 40 years
 - ☒ 4. 36 years

Question ID : 630680307046
Option 1 ID : 6306801194463
Option 2 ID : 6306801194462
Option 3 ID : 6306801194461
Option 4 ID : 6306801194464
Status : Answered
Chosen Option : 3

Q.22 What day was it on 10 January 1900 AD?

- Ans
- ☒ 1. Wednesday
 - ☒ 2. Saturday
 - ☒ 3. Tuesday
 - ☒ 4. Monday

Question ID : 630680307020
Option 1 ID : 6306801194359
Option 2 ID : 6306801194360
Option 3 ID : 6306801194358
Option 4 ID : 6306801194357
Status : Answered
Chosen Option : 2

Q.23 Six friends A, B, C, D and E are sitting in a row facing East. C is between A and E. B is just to the right of E but left of D. F is not at the right end. Who is at the left end?

- Ans
- ☒ 1. C
 - ☒ 2. A
 - ☒ 3. F
 - ☒ 4. B

Question ID : 630680307018
Option 1 ID : 6306801194351
Option 2 ID : 6306801194349
Option 3 ID : 6306801194350
Option 4 ID : 6306801194352
Status : Answered
Chosen Option : 3



Q.24 In a row of certain persons, Sunil is sitting 525 from the left end and 631 from the right end. Find out the total number of persons in that row?

- Ans**
- ☒ 1. 1140
 - ☒ 2. 1141
 - ☒ 3. 1155
 - ☒ 4. 1150

Question ID : 630680307021
Option 1 ID : 6306801194362
Option 2 ID : 6306801194364
Option 3 ID : 6306801194363
Option 4 ID : 6306801194361
Status : Answered
Chosen Option : 3

Q.25 In a certain code language if 1 = a, b = 2, c = 3 then z = ?

- Ans**
- ☒ 1. 23
 - ☒ 2. 26
 - ☒ 3. 24
 - ☒ 4. 25

Question ID : 630680307044
Option 1 ID : 6306801194453
Option 2 ID : 6306801194456
Option 3 ID : 6306801194454
Option 4 ID : 6306801194455
Status : Answered
Chosen Option : 2

Q.26 If CAT = 56, DOG = 67, RAT = 75 then CAT + DOG + RAT = ?

- Ans**
- ☒ 1. 196
 - ☒ 2. 198
 - ☒ 3. 197
 - ☒ 4. 195

Question ID : 630680307042
Option 1 ID : 6306801194446
Option 2 ID : 6306801194447
Option 3 ID : 6306801194448
Option 4 ID : 6306801194445
Status : Answered
Chosen Option : 2

Q.27 Select the correct option based on the statements and conclusions given below?

Statements:

Some dogs are rats.

All cats are chairs.

All rats are cats.

Conclusion:

I. Some dogs are cats.

II. All cats are rats.

III. All chairs are dogs.

IV. All cats are dogs.

Ans ☒ 1. None the of given conclusion follows.

☒ 2. Only conclusion I & IV follows.

☒ 3. Only conclusion II follow.

☒ 4. Only conclusion I & II follows.

Question ID : 630680307023

Option 1 ID : 6306801194372

Option 2 ID : 6306801194371

Option 3 ID : 6306801194370

Option 4 ID : 6306801194369

Status : Answered

Chosen Option : 1

Q.28 Select the correct option based on the statements and conclusions given below?

Statements:

All solids are liquids.

All liquids are gases.

No gas is plasma.

Conclusions:

I. All solids are gases.

II. No liquid is plasma.

Ans ☒ 1. Only conclusion I follow.

☒ 2. Neither conclusions I nor II follow.

☒ 3. Only conclusion II follow.

☒ 4. Conclusions I and II both follows.

Question ID : 630680307022

Option 1 ID : 6306801194365

Option 2 ID : 6306801194368

Option 3 ID : 6306801194367

Option 4 ID : 6306801194366

Status : Answered

Chosen Option : 4



Q.29 Arrange the words given below in a proper sequence.

- A. Bodh gaya
- B. Asia
- C. Bihar
- D. Earth
- E. India

Ans ☒ 1. A, E, C, D, B
☒ 2. D, B, E, A, C, E
☒ 3. A, B, C, D, E
☒ 4. D, B, E, C, A

Question ID : 630680307029
Option 1 ID : 6306801194394
Option 2 ID : 6306801194396
Option 3 ID : 6306801194393
Option 4 ID : 6306801194395
Status : Answered
Chosen Option : 4

Q.30 Rahul and his wife were going somewhere by a train. In the train, Rahul met a lady who is the mother of the wife of Rahul's daughter's brother's father. How is the woman whom Rahul met in the train related to Rahul?

Ans ☒ 1. Aunt
☒ 2. Sister in law
☒ 3. Mother in law
☒ 4. Mother

Question ID : 630680307038
Option 1 ID : 6306801194430
Option 2 ID : 6306801194431
Option 3 ID : 6306801194432
Option 4 ID : 6306801194429
Status : Answered
Chosen Option : 3

Section : Knowledge about Railways or DFCCIL

Q.1 Which of the following are the advantages of Dedicated Freight Corridor?

Ans ☒ 1. Faster movement of goods
☒ 2. Logistics costs will be Increased
☒ 3. Faster movement of Superfast passenger train
☒ 4. Higher energy consumption

Question ID : 630680307051
Option 1 ID : 6306801194482
Option 2 ID : 6306801194483
Option 3 ID : 6306801194481
Option 4 ID : 6306801194484
Status : Answered
Chosen Option : 1

Q.2 In which Indian state did a massive train accident took place in June-2023 (based on available information till 6th June-2023), in which hundreds of people died?

- Ans ☒ 1. Odisha
☒ 2. Andhra Pradesh
☒ 3. West Bengal
☒ 4. Tamilnadu

Question ID : 630680307049
Option 1 ID : 6306801194473
Option 2 ID : 6306801194476
Option 3 ID : 6306801194474
Option 4 ID : 6306801194475
Status : Answered
Chosen Option : 1

Q.3 On which day the Rewari-Dadri BG double line electrified section (127 km) was commissioned with the successful running of goods train from ICD Dadri to New Rewari?

- Ans ☒ 1. 01-04-2023
☒ 2. 15-04-2023
☒ 3. 05-05-2023
☒ 4. 31-03-2023

Question ID : 630680307055
Option 1 ID : 6306801194500
Option 2 ID : 6306801194499
Option 3 ID : 6306801194497
Option 4 ID : 6306801194498
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.4 Which of the following is the newest railway zone in India? (Based on the information available till May - 2023)

- Ans ☒ 1. South East Railway
☒ 2. East Coast Railway
☒ 3. South East Central Railway
☒ 4. South Coast Railway

Question ID : 630680307052
Option 1 ID : 6306801194486
Option 2 ID : 6306801194488
Option 3 ID : 6306801194487
Option 4 ID : 6306801194485
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.5 During the financial year 2022-23, Indian Railways has achieved a new record by constructing how many kilometers of new rail lines?

- Ans ☒ 1. 3423 km
☒ 2. 5650 km
☒ 3. 5243 km
☒ 4. 2450 km

Question ID : 630680307048
Option 1 ID : 6306801194472
Option 2 ID : 6306801194470
Option 3 ID : 6306801194471
Option 4 ID : 6306801194469
Status : Answered
Chosen Option : 4



Q.6 Which of the following statements is true regarding railway electrification?

- Ans ☒ 1. Indian Railways is rapidly progressing towards its mission to achieve 70% electrification and become the largest green railway network in the world.
- ☒ 2. Indian Railways is rapidly progressing towards its mission to achieve 100% electrification and become the largest green railway network in Asia.
- ☒ 3. Indian Railways is rapidly progressing towards its mission to achieve 100% electrification and become the largest green railway network in the world.
- ☒ 4. Indian Railways is rapidly progressing towards its mission to achieve 50% electrification.

Question ID : 630680307054
Option 1 ID : 6306801194495
Option 2 ID : 6306801194494
Option 3 ID : 6306801194496
Option 4 ID : 6306801194493
Status : Answered
Chosen Option : 2

Q.7 Under which five-year plan of India, the Ministry of Railways started the construction of a new Dedicated Freight Corridor (DFC)?

- Ans ☒ 1. 10
- ☒ 2. 14
- ☒ 3. 12
- ☒ 4. 11

Question ID : 630680307057
Option 1 ID : 6306801194507
Option 2 ID : 6306801194508
Option 3 ID : 6306801194506
Option 4 ID : 6306801194505
Status : Not Attempted and Marked For Review
Chosen Option : --

Q.8 Stretches from Sahnewal (Ludhiana) in Punjab to Dankuni in West Bengal and covers the states of Punjab, Haryana, Uttar Pradesh, Bihar, Jharkhand and West Bengal. Which stretch of Indian railway is being discussed here?

- Ans ☒ 1. Western Dedicated Freight Corridor (WDFC)
- ☒ 2. Golden quadrilateral
- ☒ 3. Eastern Dedicated Freight Corridor (EDFC)
- ☒ 4. Asian railway Network

Question ID : 630680307050
Option 1 ID : 6306801194479
Option 2 ID : 6306801194477
Option 3 ID : 6306801194480
Option 4 ID : 6306801194478
Status : Answered
Chosen Option : 3

Q.9 Who among the following is the Acting Chairman of Dedicated Freight Corridor Corporation of India Limited as on the basis of information available till May 2023?

- Ans ☒ 1. Anil kumar lahoti
- ☒ 2. Sunil kumar saxena
- ☒ 3. Vijay sharma
- ☒ 4. Ravindra Kumar Jain

Question ID : 630680307056
Option 1 ID : 6306801194503
Option 2 ID : 6306801194504
Option 3 ID : 6306801194502
Option 4 ID : 6306801194501
Status : Answered
Chosen Option : 1



Q.10 It is a 'Mission' envisaged for speed enhancement and to achieve a target of doubling average speed of freight trains and increasing the average speed of Superfast/mail/Express trains by 25 kmph. Which mission is being discussed here?

- Ans
- ☐ 1. Mission Gati Shakti
 - ☐ 2. Mission Gati
 - ☐ 3. Mission Raftaar Shakti
 - ☒ 4. Mission Raftaar

Question ID : 630680307053

Option 1 ID : 6306801194489

Option 2 ID : 6306801194490

Option 3 ID : 6306801194492

Option 4 ID : 6306801194491

Status : Answered

Chosen Option : 1

