

DFCCIL Executive

**Previous Year Paper
(Human Resources)
25 Aug, 2023 Shift 3**



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

Test Date	25/08/2023
Test Time	3:30 PM - 5:00 PM
Subject	Executive Human Resource

Section : Mathematics or Numerical Ability

Q.1 If $\frac{3p+5q}{3p-5q} = 5$, then p : q =?

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

Question ID : 630680307178
Option 1 ID : 6306801194974
Option 2 ID : 6306801194976
Option 3 ID : 6306801194973
Option 4 ID : 6306801194975
Status : Answered
Chosen Option : 3

Q.2 The volume of a right circular cone is 1232 cm^3 and its height is 24 cm. Find its curved surface area.

- Ans
- ☒ 1. 550 cm^2
 - ☒ 2. 1254 cm^2
 - ☒ 3. 704 cm^2
 - ☒ 4. 658 cm^2

Question ID : 630680307194
Option 1 ID : 6306801195037
Option 2 ID : 6306801195040
Option 3 ID : 6306801195039
Option 4 ID : 6306801195038
Status : Answered
Chosen Option : 1

Q.3 Out of four numbers, the average of first three is 15 and that of last three is 18. If last number is 19, find the first number.

- Ans
- ☒ 1. 18
 - ☒ 2. 17
 - ☒ 3. 16
 - ☒ 4. 15

Question ID : 630680307173
Option 1 ID : 6306801194956
Option 2 ID : 6306801194955
Option 3 ID : 6306801194953
Option 4 ID : 6306801194954
Status : Answered
Chosen Option : 4

Q.4 If $a^2 + 4b^2 = 4ab$, then $a : b = ?$

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

Question ID : 630680307179
Option 1 ID : 6306801194977
Option 2 ID : 6306801194980
Option 3 ID : 6306801194979
Option 4 ID : 6306801194978
Status : Answered
Chosen Option : 3

Q.5 The equation $x^3 - 5x^2 - 4x + 20 = 0$ has two roots whose difference is 3 then all the roots of the equation are;

- Ans
- ☒ 1. -2, 2 & 5
 - ☒ 2. -1, 2 & 5
 - ☒ 3. -1, 1 & 2
 - ☒ 4. 0, 1 & 2

Question ID : 630680307190
Option 1 ID : 6306801195023
Option 2 ID : 6306801195021
Option 3 ID : 6306801195022
Option 4 ID : 6306801195024
Status : Answered
Chosen Option : 2

Q.6 If $\tan \alpha = \frac{p}{q}$, then also $\alpha = 6\beta$, α being an acute angle, find the value of:

$$\frac{1}{2} \{p \csc 2\beta - q \sec 2\beta\}$$

Ans

✗ 1. $\sqrt{p^2 q^2}$

✗ 2. $\sqrt{p^2 - q^2}$

✓ 3. $\sqrt{p^2 + q^2}$

✗ 4. $\sqrt{p^2 \div q^2}$

Question ID : 630680307192

Option 1 ID : 6306801195031

Option 2 ID : 6306801195030

Option 3 ID : 6306801195029

Option 4 ID : 6306801195032

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.7 If radii of a sphere, a cylinder and a cone are equal and their whole surface area are equal, then ratio of their heights is:

Ans

✗ 1. 2 : 1 : 3

✗ 2. 6 : 3 : 4

✓ 3. 2 : 1 : $2\sqrt{2}$

✗ 4. 3 : 1 : 2

Question ID : 630680307195

Option 1 ID : 6306801195042

Option 2 ID : 6306801195043

Option 3 ID : 6306801195044

Option 4 ID : 6306801195041

Status : Answered

Chosen Option : 1

Q.8 A ball is bought for ₹ 80 and sold at gain of 12%. What will be its selling price?

Ans

✗ 1. ₹ 85

✗ 2. ₹ 85.6

✗ 3. ₹ 89

✓ 4. ₹ 89.6

Question ID : 630680307176

Option 1 ID : 6306801194967

Option 2 ID : 6306801194968

Option 3 ID : 6306801194965

Option 4 ID : 6306801194966

Status : Answered

Chosen Option : 4

Q.9 For ₹ 10000 at 10% per annum for 2 years and 3 months, find the compound interest compounded annually.

Ans ☒ 1. ₹ 2402.50

☐ 2. ₹ 2402

☐ 3. ₹ 2402.25

☐ 4. ₹ 2400

Question ID : 630680307182

Option 1 ID : 6306801194992

Option 2 ID : 6306801194990

Option 3 ID : 6306801194991

Option 4 ID : 6306801194989

Status : Answered

Chosen Option : 1

Q.10 The common roots of the equations: $x^3 - 6x^2 + 11x - 6 = 0$ and $2x^4 - 7x^3 + x^2 + 7x - 3 = 0$

Ans ☒ 1. 1, 3

☐ 2. 1, -3

☐ 3. -1, -3

☐ 4. -1, 3

Question ID : 630680307191

Option 1 ID : 6306801195028

Option 2 ID : 6306801195027

Option 3 ID : 6306801195025

Option 4 ID : 6306801195026

Status : Answered

Chosen Option : 1

Q.11 If $\sqrt{15} = 3.87$ then evaluate $\left(\frac{\sqrt{5}+\sqrt{3}}{\sqrt{5}-\sqrt{3}}\right)$.

Ans ☒ 1. 7.87

☐ 2. 5.87

☐ 3. 9.87

☐ 4. 4.87

Question ID : 630680307170

Option 1 ID : 6306801194943

Option 2 ID : 6306801194942

Option 3 ID : 6306801194944

Option 4 ID : 6306801194941

Status : Answered

Chosen Option : 1

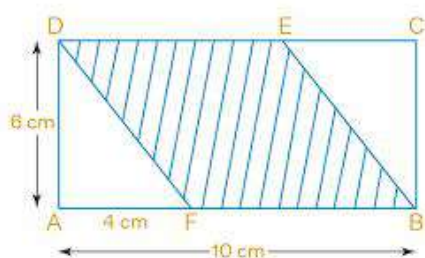
Q.12 The population of a town is 176400. It increases annually at the rate of 5% per annum. What will be population after 2 years?

- Ans ☒ 1. 194481
☐ 2. 194000
☐ 3. 198000
☐ 4. 190000

Question ID : 630680307175
Option 1 ID : 6306801194963
Option 2 ID : 6306801194962
Option 3 ID : 6306801194964
Option 4 ID : 6306801194961

Status : Answered
Chosen Option : 1

Q.13 Find Area of shaded region.



- Ans ☐ 1. 48 cm^2
☒ 2. 36 cm^2
☐ 3. 144 cm^2
☐ 4. 77 cm^2

Question ID : 630680307193
Option 1 ID : 6306801195033
Option 2 ID : 6306801195034
Option 3 ID : 6306801195036
Option 4 ID : 6306801195035

Status : Answered
Chosen Option : 2

Q.14 The expenses on wheat, oil and rice of a family are in the ratio 12 : 17 : 3. The prices of these items are increased by 20%, 30% and 50% respectively. The total increase percent of family's expense is?

- Ans ☒ 1. $\frac{225}{8} \%$
☐ 2. $\frac{401}{8} \%$
☐ 3. $\frac{113}{8} \%$
☐ 4. $\frac{57}{8} \%$

Question ID : 630680307180
Option 1 ID : 6306801194981
Option 2 ID : 6306801194984
Option 3 ID : 6306801194983
Option 4 ID : 6306801194982

Status : Answered
Chosen Option : 1

Q.15 A sum on compound interest amounts ₹ 2809 in 2 years and ₹ 2977.54 in 3 years. Find the sum.

- Ans**
- ☒ 1. ₹ 2400
 - ☒ 2. ₹ 2500
 - ☐ 3. ₹ 2350
 - ☐ 4. ₹ 2250

Question ID : 630680307183

Option 1 ID : 6306801194994

Option 2 ID : 6306801194993

Option 3 ID : 6306801194995

Option 4 ID : 6306801194996

Status : Answered

Chosen Option : 1

Q.16 Mohan sold two same tables for ₹ 57120. On one he gains 15% and on other he loses 15%. Find his overall gain or loss percent.

- Ans**
- ☒ 1. 2.25%
 - ☐ 2. 2.27%
 - ☐ 3. 2.15%
 - ☐ 4. 3%

Question ID : 630680307177

Option 1 ID : 6306801194970

Option 2 ID : 6306801194971

Option 3 ID : 6306801194969

Option 4 ID : 6306801194972

Status : Answered

Chosen Option : 1

Q.17 Which is the better offer:

- 1. Three successive discount of 10%, 10% and 30%?
- 2. Or three successive discount of 40%, 5% and 5%?

- Ans**
- ☐ 1. Can't be concluded as Marked price is not given
 - ☐ 2. Both are same
 - ☒ 3. 2
 - ☐ 4. 1

Question ID : 630680307184

Option 1 ID : 6306801195000

Option 2 ID : 6306801194999

Option 3 ID : 6306801194998

Option 4 ID : 6306801194997

Status : Answered

Chosen Option : 3

Q.18 A parallelogram has sides 60 m and 40 m and one of its diagonals is 80 m long. Find its area.

- Ans
- ☒ 1. $450\sqrt{15} \text{ m}^2$
 - ☒ 2. $300\sqrt{15} \text{ m}^2$
 - ☒ 3. $250\sqrt{15} \text{ m}^2$
 - ☒ 4. $600\sqrt{15} \text{ m}^2$

Question ID : 630680307197
Option 1 ID : 6306801195050
Option 2 ID : 6306801195051
Option 3 ID : 6306801195052
Option 4 ID : 6306801195049

Status : Answered
Chosen Option : 2

Q.19 If speed of a bus is increased by 5 km/hr than its normal speed then it would take 2 hours less to complete the journey of 300 km. Find its normal speed (in km/hr)?

- Ans
- ☒ 1. 20
 - ☒ 2. 25
 - ☒ 3. 30
 - ☒ 4. 45

Question ID : 630680307188
Option 1 ID : 6306801195013
Option 2 ID : 6306801195015
Option 3 ID : 6306801195014
Option 4 ID : 6306801195016

Status : Answered
Chosen Option : 2

Q.20 10 women can complete the work in 7 days and 10 children take 14 days to complete the work. How many days will 5 women and 10 children will finish the work?

- Ans
- ☒ 1. 3 days
 - ☒ 2. 5 days
 - ☒ 3. 7 days
 - ☒ 4. 6 days

Question ID : 630680307186
Option 1 ID : 6306801195006
Option 2 ID : 6306801195008
Option 3 ID : 6306801195005
Option 4 ID : 6306801195007

Status : Answered
Chosen Option : 3

Q.21 Evaluate.

$? \% \text{ of } 24 = 0.72$

Ans ☒ 1. 5

☒ 2. 3

☒ 3. 2

☒ 4. 4

Question ID : 630680307174
Option 1 ID : 6306801194960
Option 2 ID : 6306801194958
Option 3 ID : 6306801194957
Option 4 ID : 6306801194959
Status : Answered
Chosen Option : 2

Q.22 What annual installment will discharge a debt of ₹ 4600 due in 4 years at 10% per annum simple interest?

Ans ☒ 1. ₹ 925

☒ 2. ₹ 1000

☒ 3. ₹ 875

☒ 4. ₹ 950

Question ID : 630680307181
Option 1 ID : 6306801194986
Option 2 ID : 6306801194988
Option 3 ID : 6306801194985
Option 4 ID : 6306801194987
Status : Answered
Chosen Option : 2

Q.23 Calculate average of the given data.

Item	Number of items	Cost of items
Rice	2	45
Powder	4	12
Oil	5	15
pen	5	50

Ans ☒ 1. 27.2525

☒ 2. 27.9375

☒ 3. 28.2525

☒ 4. 28.9375

Question ID : 630680307172
Option 1 ID : 6306801194951
Option 2 ID : 6306801194949
Option 3 ID : 6306801194950
Option 4 ID : 6306801194952
Status : Answered
Chosen Option : 2

Q.24 Calculate the average of TV per family .

Number of TV in a family	Number of families
1	100
2	351
3	400
4	149

- Ans ☒ 1. 2.598
☒ 2. 2.466
☒ 3. 2.566
☒ 4. 2.587

Question ID : 630680307171
Option 1 ID : 6306801194948
Option 2 ID : 6306801194946
Option 3 ID : 6306801194945
Option 4 ID : 6306801194947
Status : Answered
Chosen Option : 1

Q.25 Walking at $\frac{7}{8}$ of its usual speed a bus is 10 minutes too late. Find its usual time to cover the journey?

- Ans ☒ 1. 66.5 min
☒ 2. 70 min
☒ 3. 68 min
☒ 4. 65 min

Question ID : 630680307187
Option 1 ID : 6306801195011
Option 2 ID : 6306801195009
Option 3 ID : 6306801195010
Option 4 ID : 6306801195012
Status : Answered
Chosen Option : 2

Q.26 2 men and 3 women can finish the work in 10 days, while 4 men can do it in 10 days. 3 men and 3 women will finish the work in?

- Ans ☒ 1. 7 days
☒ 2. 6 days
☒ 3. 7.5 days
☒ 4. 8 days

Question ID : 630680307185
Option 1 ID : 6306801195002
Option 2 ID : 6306801195001
Option 3 ID : 6306801195003
Option 4 ID : 6306801195004
Status : Answered
Chosen Option : 4

Q.27 Find the following value of p for following distribution whose mean is 12.58?

x	5	8	10	12	P	20	25
f	2	5	8	22	7	4	2

- Ans
- ✓ 1. 15
 - ✗ 2. 13
 - ✗ 3. 17
 - ✗ 4. 12

Question ID : 630680307189
Option 1 ID : 6306801195019
Option 2 ID : 6306801195017
Option 3 ID : 6306801195020
Option 4 ID : 6306801195018
Status : Answered
Chosen Option : 3

Q.28 The perimeter of a triangle is 30 cm and the circumference of its incircle is 88 cm. The area of triangle will be:

- Ans
- ✗ 1. 140 cm²
 - ✗ 2. 70 cm²
 - ✓ 3. 210 cm²
 - ✗ 4. 420 cm²

Question ID : 630680307196
Option 1 ID : 6306801195045
Option 2 ID : 6306801195047
Option 3 ID : 6306801195046
Option 4 ID : 6306801195048
Status : Answered
Chosen Option : 1

Q.29 The HCF and LCM of two number x and y are respectively 5 and 105. If $x+y = 24$, then $\frac{1}{x} + \frac{1}{y} = ?$

- Ans
- ✓ 1. $\frac{8}{175}$
 - ✗ 2. $\frac{24}{175}$
 - ✗ 3. $\frac{8}{525}$
 - ✗ 4. $\frac{24}{8}$

Question ID : 630680307168
Option 1 ID : 6306801194933
Option 2 ID : 6306801194935
Option 3 ID : 6306801194934
Option 4 ID : 6306801194936
Status : Answered
Chosen Option : 1

Q.30 A monkey can climb 5 m of a tree in 1 minute but slipped 2 m in next minute. What time it would take to climb 29 m long tree?

- Ans**
- ☒ 1. 11 minutes
 - ☒ 2. 17 minutes
 - ☒ 3. 16 minutes
 - ☒ 4. 15 minutes

Question ID : 630680307169
Option 1 ID : 6306801194937
Option 2 ID : 6306801194938
Option 3 ID : 6306801194939
Option 4 ID : 6306801194940
Status : Answered
Chosen Option : 2

Section : General Awareness

Q.1 The average height of the mountains situated in the north of India is _____ meters.

- Ans**
- ☒ 1. 6000
 - ☒ 2. 4000
 - ☒ 3. 3000
 - ☒ 4. 5000

Question ID : 630680307207
Option 1 ID : 6306801195089
Option 2 ID : 6306801195091
Option 3 ID : 6306801195092
Option 4 ID : 6306801195090
Status : Not Answered
Chosen Option : --

Q.2 Which among the following carbohydrates are quick energy foods?

- Ans**
- ☒ 1. Block Simple carbohydrates
 - ☒ 2. Simple carbohydrates
 - ☒ 3. Complex body Simple carbohydrates
 - ☒ 4. Complex carbohydrates

Question ID : 630680307212
Option 1 ID : 6306801195111
Option 2 ID : 6306801195109
Option 3 ID : 6306801195112
Option 4 ID : 6306801195110
Status : Answered
Chosen Option : 2

Q.3 Recently the Supreme Court extended the right to safe and legal abortion up to _____ weeks of pregnancy to all women in the country regardless of marital status.

- Ans ☒ 1. 21
☒ 2. 22
☒ 3. 24
☒ 4. 20

Question ID : 630680307200
Option 1 ID : 6306801195062
Option 2 ID : 6306801195061
Option 3 ID : 6306801195063
Option 4 ID : 6306801195064
Status : Answered
Chosen Option : 1

Q.4 About 20 percent of our body weight comes from which nutrient?

- Ans ☒ 1. Carbohydrates
☒ 2. Proteins
☒ 3. Fats
☒ 4. Vitamins

Question ID : 630680307211
Option 1 ID : 6306801195108
Option 2 ID : 6306801195107
Option 3 ID : 6306801195105
Option 4 ID : 6306801195106
Status : Answered
Chosen Option : 3

Q.5 How many articles are there in the Indian Constitution?

- Ans ☒ 1. 445
☒ 2. 395
☒ 3. 396
☒ 4. 456

Question ID : 630680307209
Option 1 ID : 6306801195097
Option 2 ID : 6306801195098
Option 3 ID : 6306801195099
Option 4 ID : 6306801195100
Status : Answered
Chosen Option : 2

Q.6 Which among the following river does not passes through Uttar Pradesh?

- Ans ☒ 1. Ganga
☒ 2. Hindon
☒ 3. Yamuna
☒ 4. Godavari

Question ID : 630680307206
Option 1 ID : 6306801195085
Option 2 ID : 6306801195088
Option 3 ID : 6306801195086
Option 4 ID : 6306801195087
Status : Answered
Chosen Option : 4

Q.7 Hornbill Festival is mainly associated with which of the following states?

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

Question ID : 630680307205
Option 1 ID : 6306801195083
Option 2 ID : 6306801195084
Option 3 ID : 6306801195082
Option 4 ID : 6306801195081
Status : Answered
Chosen Option : 4

Q.8 Which among the following is a mascot of 44th Chess Olympiad 2022?

- Ans ☒ 1. Check & Mate
☒ 2. Chess A dream to play
☒ 3. Vishisht
☒ 4. Thmabi

Question ID : 630680307198
Option 1 ID : 6306801195055
Option 2 ID : 6306801195053
Option 3 ID : 6306801195056
Option 4 ID : 6306801195054
Status : Answered
Chosen Option : 4

Q.9 Which among the following is the longest bridge in India constructed over a bay?

- Ans ☒ 1. Netaji Bridge
☒ 2. Bhupen hazarika sety
☒ 3. Pamban bridge
☒ 4. Worli – Mumbai Sea link

Question ID : 630680307199
Option 1 ID : 6306801195059
Option 2 ID : 6306801195060
Option 3 ID : 6306801195057
Option 4 ID : 6306801195058
Status : Answered
Chosen Option : 3

Q.10 In which year the Fundamental Duties were added to the Indian Constitution?

- Ans ☒ 1. 1978
☒ 2. 1976
☒ 3. 1972
☒ 4. 1975

Question ID : 630680307210
Option 1 ID : 6306801195103
Option 2 ID : 6306801195101
Option 3 ID : 6306801195104
Option 4 ID : 6306801195102
Status : Answered
Chosen Option : 2

Q.11 When did East India Company got Charter from Queen Elizabeth I for sole right to trade in India?

- Ans ☒ 1. 1600 AD
- ☐ 2. 1610 AD
- ☐ 3. 1625 AD
- ☐ 4. 1594 AD

Question ID : 630680307202
Option 1 ID : 6306801195070
Option 2 ID : 6306801195071
Option 3 ID : 6306801195072
Option 4 ID : 6306801195069
Status : Not Answered
Chosen Option : --

Q.12 Which is known as Banker's bank of India?

- Ans ☐ 1. ICICI
- ☐ 2. HDFC
- ☒ 3. RBI
- ☐ 4. SBI

Question ID : 630680307201
Option 1 ID : 6306801195067
Option 2 ID : 6306801195068
Option 3 ID : 6306801195066
Option 4 ID : 6306801195065
Status : Not Answered
Chosen Option : --

Q.13 Which article of Indian constitution talks about the official language of India?

- Ans ☒ 1. 343
- ☐ 2. 345
- ☐ 3. 234
- ☐ 4. 243

Question ID : 630680307204
Option 1 ID : 6306801195079
Option 2 ID : 6306801195077
Option 3 ID : 6306801195080
Option 4 ID : 6306801195078
Status : Answered
Chosen Option : 1

Q.14 According to the 2011 census, which is the second most populous religion in India?

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

Question ID : 630680307208
Option 1 ID : 6306801195093
Option 2 ID : 6306801195095
Option 3 ID : 6306801195094
Option 4 ID : 6306801195096
Status : Answered
Chosen Option : 2

Q.15 In which of the following year was the first Satyagraha started in India?

- Ans ☒ 1. 1914
☒ 2. 1913
☒ 3. 1915
☒ 4. 1917

Question ID : 630680307203
Option 1 ID : 6306801195074
Option 2 ID : 6306801195075
Option 3 ID : 6306801195073
Option 4 ID : 6306801195076
Status : Answered
Chosen Option : 1

Section : General Science

Q.1 When was Project Tiger started in India?

- Ans ☒ 1. 1975
☒ 2. 1976
☒ 3. 1973
☒ 4. 1974

Question ID : 630680307214
Option 1 ID : 6306801195118
Option 2 ID : 6306801195117
Option 3 ID : 6306801195120
Option 4 ID : 6306801195119
Status : Answered
Chosen Option : 3

Q.2 What are the two magnetic field lines?

- Ans ☒ 1. Intersect at the neutral point
☒ 2. Intersect near north-pole or south pole
☒ 3. Intersect at the midpoint of the magnet
☒ 4. Never intersect each other

Question ID : 630680307226
Option 1 ID : 6306801195165
Option 2 ID : 6306801195167
Option 3 ID : 6306801195168
Option 4 ID : 6306801195166
Status : Answered
Chosen Option : 3

Q.3 In which of the following year the cheetah was declared extinct in India?

- Ans ☒ 1. 1967
☒ 2. 1950
☒ 3. 1952
☒ 4. 1968

Question ID : 630680307213
Option 1 ID : 6306801195113
Option 2 ID : 6306801195114
Option 3 ID : 6306801195115
Option 4 ID : 6306801195116
Status : Answered
Chosen Option : 1

Q.4 What type of chemical reactions take place when electricity is passed through water?

- Ans ☒ 1. Decomposition
- ☐ 2. Displacement
- ☐ 3. Combination
- ☐ 4. Double displacement

Question ID : 630680307221
Option 1 ID : 6306801195146
Option 2 ID : 6306801195145
Option 3 ID : 6306801195147
Option 4 ID : 6306801195148
Status : Not Answered
Chosen Option : --

Q.5 Which is not a natural phenomena?

- Ans ☒ 1. Oil spill at sea
- ☐ 2. Lightning
- ☐ 3. Cyclones
- ☐ 4. Earthquakes

Question ID : 630680307224
Option 1 ID : 6306801195160
Option 2 ID : 6306801195159
Option 3 ID : 6306801195158
Option 4 ID : 6306801195157
Status : Answered
Chosen Option : 1

Q.6 The opening and closing of the stomatal pore depends upon which?

- Ans ☐ 1. temperature
- ☐ 2. water in guard cells
- ☒ 3. concentration of CO₂ in stomata.
- ☐ 4. oxygen

Question ID : 630680307223
Option 1 ID : 6306801195153
Option 2 ID : 6306801195155
Option 3 ID : 6306801195156
Option 4 ID : 6306801195154
Status : Answered
Chosen Option : 4

Q.7 What is the function of the placenta during pregnancy?

- Ans ☐ 1. Production of hormones
- ☒ 2. Delivery of nutrients to the fetus
- ☐ 3. Maturation of eggs
- ☐ 4. Protection of the uterus

Question ID : 630680307217
Option 1 ID : 6306801195129
Option 2 ID : 6306801195131
Option 3 ID : 6306801195132
Option 4 ID : 6306801195130
Status : Answered
Chosen Option : 2

Q.8 Which one of the following is the Biosphere Reserve of India?

- Ans ☒ 1. Dudhwa Tiger Reserve
☒ 2. Kanheri
☒ 3. Nilgiri
☒ 4. Gir

Question ID : 630680307218
Option 1 ID : 6306801195136
Option 2 ID : 6306801195135
Option 3 ID : 6306801195134
Option 4 ID : 6306801195133
Status : Answered
Chosen Option : 3

Q.9 Which is the most reactive among halogens?

- Ans ☒ 1. Florin
☒ 2. Bromine
☒ 3. Iodine
☒ 4. Chlorine

Question ID : 630680307215
Option 1 ID : 6306801195121
Option 2 ID : 6306801195122
Option 3 ID : 6306801195124
Option 4 ID : 6306801195123
Status : Answered
Chosen Option : 4

Q.10 What is the life supporting zone of the earth ?

- Ans ☒ 1. Lithosphere
☒ 2. Hydrosphere
☒ 3. Biosphere
☒ 4. Atmosphere

Question ID : 630680307219
Option 1 ID : 6306801195137
Option 2 ID : 6306801195138
Option 3 ID : 6306801195140
Option 4 ID : 6306801195139
Status : Answered
Chosen Option : 4

Q.11 How many types of charges are gained by rubbing objects?

- Ans ☒ 1. 4
☒ 2. 3
☒ 3. 1
☒ 4. 2

Question ID : 630680307225
Option 1 ID : 6306801195164
Option 2 ID : 6306801195163
Option 3 ID : 6306801195162
Option 4 ID : 6306801195161
Status : Not Answered
Chosen Option : --

Q.12 Which is the first enzyme that gets mixed with food in the digestive tract?

- Ans ☒ 1. trypsin
☒ 2. pepsin
☒ 3. cellulase
☒ 4. amylase

Question ID : 630680307222
Option 1 ID : 6306801195150
Option 2 ID : 6306801195149
Option 3 ID : 6306801195151
Option 4 ID : 6306801195152
Status : Not Answered
Chosen Option : --

Q.13 Which of the following sexually transmitted infections (STIs) is caused by a bacterium and can be treated with antibiotics?

- Ans ☒ 1. Human Papillomavirus (HPV)
☒ 2. HIV
☒ 3. syphilis
☒ 4. Herpes

Question ID : 630680307216
Option 1 ID : 6306801195127
Option 2 ID : 6306801195125
Option 3 ID : 6306801195128
Option 4 ID : 6306801195126
Status : Answered
Chosen Option : 2

Q.14 $\text{MnO}_2 + 4\text{HCl} \rightarrow \text{MnCl}_2 + 2\text{H}_2\text{O} + \text{Cl}_2$. Identify the substance oxidised in the above equation.

- Ans ☒ 1. H_2O
☒ 2. HCl
☒ 3. MnCl_2
☒ 4. MnO_2

Question ID : 630680307220
Option 1 ID : 6306801195144
Option 2 ID : 6306801195142
Option 3 ID : 6306801195141
Option 4 ID : 6306801195143
Status : Answered
Chosen Option : 4

Q.15 What is the magnetic field inside a long straight current carrying solenoid?

- Ans ☒ 1. Is the same at all points.
☒ 2. Decrease as we move towards its end.
☒ 3. Is zero.
☒ 4. Increase as we move towards its end.

Question ID : 630680307227
Option 1 ID : 6306801195171
Option 2 ID : 6306801195170
Option 3 ID : 6306801195169
Option 4 ID : 6306801195172
Status : Not Answered
Chosen Option : --

Q.1 Select the correct option based on the statements and conclusions given below?

Statements:

Some ships are boats.

All boats are submarines.

Some submarines are watches.

Conclusion:

I. Some watches are boats.

II. Some submarines are boats.

III. Some submarines are ships.

IV. Some watches are ships.

- Ans**
- ☒ 1. Only conclusion III follow.
 - ☒ 2. Conclusions II and III both follows.
 - ☒ 3. Only conclusion IV follow.
 - ☒ 4. All follow

Question ID : 630680307232
Option 1 ID : 6306801195191
Option 2 ID : 6306801195190
Option 3 ID : 6306801195192
Option 4 ID : 6306801195189
Status : Answered
Chosen Option : 2

Q.2 In a row at a bus stop, 'A' is 7th from the left and 9th from the right. How many people are there in the row?

- Ans**
- ☒ 1. 20
 - ☒ 2. 10
 - ☒ 3. 16
 - ☒ 4. 15

Question ID : 630680307229
Option 1 ID : 6306801195178
Option 2 ID : 6306801195177
Option 3 ID : 6306801195180
Option 4 ID : 6306801195179
Status : Answered
Chosen Option : 4

Q.3 Arrange the words given below as per order in the dictionary.

A. Bastion

B. Random

C. Arduous

D. Banal

E. Bear

Ans  1. C, D, A, E, B

 2. D, A, E, B, C

 3. C, D, B, E, A

 4. A, E, B, C, D

Question ID : 630680307238

Option 1 ID : 6306801195213

Option 2 ID : 6306801195214

Option 3 ID : 6306801195216

Option 4 ID : 6306801195215

Status : Answered

Chosen Option : 1

Q.4 Look at this series: 8, 15, 24, ?

What number should come next?

Ans  1. 38

 2. 36

 3. 35

 4. 37

Question ID : 630680307237

Option 1 ID : 6306801195212

Option 2 ID : 6306801195209

Option 3 ID : 6306801195210

Option 4 ID : 6306801195211

Status : Answered

Chosen Option : 3

Q.5 Which will replace question mark (?) in given series?

2 : 8 :: 8 : ?

- Ans
- ☒ 1. 512
 - ☐ 2. 520
 - ☐ 3. 510
 - ☐ 4. 511

Question ID : 630680307256
Option 1 ID : 6306801195287
Option 2 ID : 6306801195288
Option 3 ID : 6306801195286
Option 4 ID : 6306801195285
Status : Answered
Chosen Option : 1

Q.6 Which will replace question mark (?) in given series?

Timid : Ass :: Cunning : ?

- Ans
- ☐ 1. Horse
 - ☐ 2. Rabbit
 - ☒ 3. Fox
 - ☐ 4. Ant

Question ID : 630680307242
Option 1 ID : 6306801195232
Option 2 ID : 6306801195231
Option 3 ID : 6306801195230
Option 4 ID : 6306801195229
Status : Answered
Chosen Option : 3

Q.7 Pointing to a photograph, Sanjay says that the woman is the mother of his father's only son's daughter. How is the lady related to Sanjay?

- Ans
- ☐ 1. Mother
 - ☒ 2. Wife
 - ☐ 3. Grand mother
 - ☐ 4. Sister

Question ID : 630680307247
Option 1 ID : 6306801195251
Option 2 ID : 6306801195252
Option 3 ID : 6306801195250
Option 4 ID : 6306801195249
Status : Answered
Chosen Option : 2

Q.8 If $P > E > T > D > H > K$, then which of the following is NOT correct?

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

Question ID : 630680307234

Option 1 ID : 6306801195197

Option 2 ID : 6306801195199

Option 3 ID : 6306801195200

Option 4 ID : 6306801195198

Status : Answered

Chosen Option : 4

Q.9 Select the correct option based on the statements and conclusions given below?

Statements:

Some papers are erasers.

All the pencils are erasers.

Conclusions:

- 1. Some erasers are pencils.
- 2. Some erasers are papers.

- Ans
- ☒ 1. Both 1 and 2
 - ☒ 2. Only conclusion II follow.
 - ☒ 3. Only conclusion II & III follows.
 - ☒ 4. Only conclusion II & IV follows.

Question ID : 630680307233

Option 1 ID : 6306801195193

Option 2 ID : 6306801195195

Option 3 ID : 6306801195194

Option 4 ID : 6306801195196

Status : Answered

Chosen Option : 1

Q.10 Which among the following is biggest in given sequence?

$A > B > C > D > E$

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

Question ID : 630680307251

Option 1 ID : 6306801195267

Option 2 ID : 6306801195268

Option 3 ID : 6306801195265

Option 4 ID : 6306801195266

Status : Answered

Chosen Option : 3

Q.11 Six friends A, B, C, D, E and F 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 right end?

- Ans**
- ☒ 1. C
 - ☒ 2. B
 - ☒ 3. D
 - ☒ 4. E

Question ID : 630680307228
Option 1 ID : 6306801195176
Option 2 ID : 6306801195174
Option 3 ID : 6306801195173
Option 4 ID : 6306801195175
Status : Answered
Chosen Option : 3

Q.12 If mango is called apple, apple is called grape, grape is called orange and orange is called pomegranate, then which is called grape in the given code language?

- Ans**
- ☒ 1. Orange
 - ☒ 2. Pomegranate
 - ☒ 3. Apple
 - ☒ 4. Mango

Question ID : 630680307241
Option 1 ID : 6306801195226
Option 2 ID : 6306801195225
Option 3 ID : 6306801195228
Option 4 ID : 6306801195227
Status : Answered
Chosen Option : 1

Q.13 Which will replace question mark (?) in given series?

3 : 81 :: 4 : ?

- Ans**
- ☒ 1. 260
 - ☒ 2. 261
 - ☒ 3. 258
 - ☒ 4. 256

Question ID : 630680307257
Option 1 ID : 6306801195291
Option 2 ID : 6306801195292
Option 3 ID : 6306801195289
Option 4 ID : 6306801195290
Status : Answered
Chosen Option : 4

Q.14 Which will replace question mark (?) in given series?

$(4)^2$ 16 $(5)^2$ 25 $(6)^2$?

- Ans
- ☒ 1. 34
 - ☒ 2. 56
 - ☒ 3. 48
 - ☒ 4. 36

Question ID : 630680307253
Option 1 ID : 6306801195276
Option 2 ID : 6306801195273
Option 3 ID : 6306801195274
Option 4 ID : 6306801195275
Status : Answered
Chosen Option : 4

Q.15 What day was it on 30 January 1910 AD?

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

Question ID : 630680307230
Option 1 ID : 6306801195183
Option 2 ID : 6306801195184
Option 3 ID : 6306801195182
Option 4 ID : 6306801195181
Status : Answered
Chosen Option : 4

Q.16 If MEKLF is coded as 91782 and LLLJK as 88867, then how can IGHED be coded?

- Ans
- ☒ 1. 53410.
 - ☒ 2. 64521
 - ☒ 3. 75632
 - ☒ 4. 97854

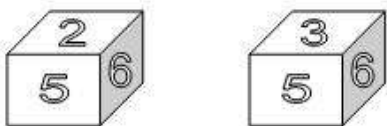
Question ID : 630680307249
Option 1 ID : 6306801195259
Option 2 ID : 6306801195258
Option 3 ID : 6306801195260
Option 4 ID : 6306801195257
Status : Answered
Chosen Option : 1

Q.17 Sunil walks 40 meters from my house in the north-west direction and then 40 meters in the south-west direction. After that he walk 40 meters in south-east direction. Now, he turns to his house, which direction is he going?

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

Question ID : 630680307246
Option 1 ID : 6306801195248
Option 2 ID : 6306801195247
Option 3 ID : 6306801195245
Option 4 ID : 6306801195246
Status : Answered
Chosen Option : 3

Q.18 Which will be the opposite of 2 in the given Dice?



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

Question ID : 630680307252
Option 1 ID : 6306801195272
Option 2 ID : 6306801195270
Option 3 ID : 6306801195271
Option 4 ID : 6306801195269
Status : Answered
Chosen Option : 2

Q.19 If "DELHI" is written as "FCNFK", how will "SUNIL" be written?

- Ans
- ☐ 1. USPNG
 - ☐ 2. UGSPN
 - ☐ 3. USNPG
 - ☒ 4. USPGN

Question ID : 630680307244
Option 1 ID : 6306801195239
Option 2 ID : 6306801195237
Option 3 ID : 6306801195240
Option 4 ID : 6306801195238
Status : Answered
Chosen Option : 4

Q.20 In a certain code language, if P = 6, E = 8 and N = 3 in the word PEN, then what will be the code for the word ENP?

- Ans ☒ 1. 836
☐ 2. 683
☐ 3. 638
☐ 4. 863

Question ID : 630680307250
Option 1 ID : 6306801195261
Option 2 ID : 6306801195264
Option 3 ID : 6306801195263
Option 4 ID : 6306801195262
Status : Answered
Chosen Option : 1

Q.21 Komal and Kanak were sitting and talking in a park. Komal tells Kanak that Komal herself is the only daughter of Kanak's father's mother-in-law. How is Komal related to Kanak?

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

Question ID : 630680307248
Option 1 ID : 6306801195253
Option 2 ID : 6306801195254
Option 3 ID : 6306801195256
Option 4 ID : 6306801195255
Status : Answered
Chosen Option : 4

Q.22 In a singing competition of 33 singers, A ranks 13th from the front. What will be the position of A from behind?

- Ans ☐ 1. 19
☐ 2. 20
☒ 3. 21
☐ 4. 22

Question ID : 630680307254
Option 1 ID : 6306801195277
Option 2 ID : 6306801195278
Option 3 ID : 6306801195279
Option 4 ID : 6306801195280
Status : Answered
Chosen Option : 3

Q.23 Which will replace question mark (?) in given series?

Fast : Hunger :: Race : ?

- Ans  1. Fatigue
 2. Smartness
 3. Horse
 4. Strength

Question ID : 630680307243
Option 1 ID : 6306801195236
Option 2 ID : 6306801195233
Option 3 ID : 6306801195235
Option 4 ID : 6306801195234
Status : Answered
Chosen Option : 1

Q.24 Arrange the words given below as per order in the dictionary.

- A. Illicit
B. Imminent
C. Immutable
D. Ideology
E. Inkpot

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

Question ID : 630680307239
Option 1 ID : 6306801195219
Option 2 ID : 6306801195218
Option 3 ID : 6306801195217
Option 4 ID : 6306801195220
Status : Answered
Chosen Option : 2

Q.25 Which will replace question mark (?) in given series?

3 : 27 :: 4 : ?

- Ans
- ☒ 1. 36
 - ☐ 2. 34
 - ☐ 3. 38
 - ☐ 4. 35

Question ID : 630680307255
Option 1 ID : 6306801195284
Option 2 ID : 6306801195282
Option 3 ID : 6306801195281
Option 4 ID : 6306801195283
Status : Answered
Chosen Option : 1

Q.26 In a row of certain persons, Rumana is sitting 25 from the left end and 31 from the right end. Find out the total number of persons in that row?

- Ans
- ☐ 1. 53
 - ☐ 2. 52
 - ☐ 3. 51
 - ☒ 4. 55

Question ID : 630680307231
Option 1 ID : 6306801195186
Option 2 ID : 6306801195187
Option 3 ID : 6306801195185
Option 4 ID : 6306801195188
Status : Answered
Chosen Option : 4

Q.27 Which will replace question mark (?) in given series?

m, mn, mno, mnop, mnop...?

- Ans
- ☐ 1. opq
 - ☐ 2. o
 - ☒ 3. q
 - ☐ 4. n

Question ID : 630680307235
Option 1 ID : 6306801195204
Option 2 ID : 6306801195203
Option 3 ID : 6306801195202
Option 4 ID : 6306801195201
Status : Answered
Chosen Option : 3

Q.28 Which will replace question mark (?) in given series?

Melt : Liquid :: Freeze : ?

- Ans
- ☐ 1. Condense
 - ☐ 2. Nothing
 - ☒ 3. Solid
 - ☐ 4. Ice

Question ID : 630680307240
Option 1 ID : 6306801195223
Option 2 ID : 6306801195224
Option 3 ID : 6306801195222
Option 4 ID : 6306801195221
Status : Answered
Chosen Option : 3

Q.29 If Patna is called Delhi, Delhi is called Srinagar, Srinagar is called Baramulla, Baramulla is called Chandigarh, Chandigarh is called Kochi and Kochi is called Chennai, then which city is called Baramulla in the given code?

- Ans
- ☐ 1. Chennai
 - ☐ 2. Kocchi
 - ☐ 3. Chandigarh
 - ☒ 4. Srinagar

Question ID : 630680307245
Option 1 ID : 6306801195244
Option 2 ID : 6306801195243
Option 3 ID : 6306801195242
Option 4 ID : 6306801195241
Status : Answered
Chosen Option : 3

Q.30 Look at this series: 11, 10, 12, 11, 13, 12, 14, ?

What number should come next?

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

Question ID : 630680307236
Option 1 ID : 6306801195208
Option 2 ID : 6306801195206
Option 3 ID : 6306801195207
Option 4 ID : 6306801195205
Status : Answered
Chosen Option : 3

Q.1 In which of the following year the South Coast Railway zone was established?

- Ans ☒ 1. 2020
☒ 2. 2017
☒ 3. 2019
☒ 4. 2015

Question ID : 630680307262
Option 1 ID : 6306801195312
Option 2 ID : 6306801195310
Option 3 ID : 6306801195309
Option 4 ID : 6306801195311
Status : Answered
Chosen Option : 3

Q.2 Goods trains at 100 kmph were run under which railway division under Mission Speedy by the Indian Railways in July 2020?

- Ans ☒ 1. Bilaspur
☒ 2. Lucknow
☒ 3. Samastipur
☒ 4. Danapur

Question ID : 630680307263
Option 1 ID : 6306801195313
Option 2 ID : 6306801195315
Option 3 ID : 6306801195316
Option 4 ID : 6306801195314
Status : Answered
Chosen Option : 4

Q.3 Who among the following is the Managing Director of Dedicated Freight Corridor Corporation of India Limited as on the basis of information available till May 2023?

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

Question ID : 630680307266
Option 1 ID : 6306801195327
Option 2 ID : 6306801195325
Option 3 ID : 6306801195326
Option 4 ID : 6306801195328
Status : Answered
Chosen Option : 2

Q.4 At which of the following places, a massive train accident took place in June-2023 (based on information available till 6th June-2023), in which hundreds of people died?

- Ans ☒ 1. Howrah
☒ 2. Bahanaga Bazar, Khurda road
☒ 3. Bahanaga Bazar, Cuttack
☒ 4. Bahanaga Bazar, Balasore

Question ID : 630680307259
Option 1 ID : 6306801195299
Option 2 ID : 6306801195300
Option 3 ID : 6306801195298
Option 4 ID : 6306801195297
Status : Answered
Chosen Option : 4

Q.5 Which of the following statements is not true regarding railway electrification?

- Ans  1. Indian Railways is rapidly progressing towards its mission to achieve 100% electrification.
-  2. Indian Railways is rapidly progressing towards its mission to achieve 100% electrification and become the largest green railway network in the world.
-  3. Indian Railways has achieved a growth of 2.76 percent in Railway Electrification in FY 2022-23 as compared to FY 2021-22.
-  4. Indian Railways is rapidly progressing towards its mission to achieve 50% electrification.

Question ID : 630680307264
Option 1 ID : 6306801195318
Option 2 ID : 6306801195317
Option 3 ID : 6306801195319
Option 4 ID : 6306801195320
Status : Answered
Chosen Option : 4

Q.6 In which of the following year India set a world record with the indigenously designed pantograph, developed for the use in dedicated freight corridors and other freight routes?

- Ans  1. 2007
-  2. 2010
-  3. 2009
-  4. 2008

Question ID : 630680307267
Option 1 ID : 6306801195329
Option 2 ID : 6306801195332
Option 3 ID : 6306801195331
Option 4 ID : 6306801195330
Status : Not Answered
Chosen Option : --

Q.7 EDFC's New Dagmagpur to New Ahraura Road BG double line electrified section (23 Km) was commissioned with successful train running on double line electrified track.

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

Question ID : 630680307265
Option 1 ID : 6306801195324
Option 2 ID : 6306801195323
Option 3 ID : 6306801195322
Option 4 ID : 6306801195321
Status : Not Answered
Chosen Option : --

Q.8 Which of the following are not the advantages of Dedicated Freight Corridor?

- Ans ☒ 1. Logistics costs will be Increased.
- ☐ 2. Higher energy efficiency.
- ☐ 3. Logistics costs will be reduced.
- ☐ 4. Helps in generating more employment.

Question ID : 630680307261
Option 1 ID : 6306801195306
Option 2 ID : 6306801195307
Option 3 ID : 6306801195305
Option 4 ID : 6306801195308
Status : Answered
Chosen Option : 1

Q.9 Stretches from Dadri in Uttar Pradesh to the Jawaharlal Nehru Port Trust in Mumbai and covers the states of Haryana, Rajasthan, Gujarat, Maharashtra and Uttar Pradesh. Which stretch of Indian Railways is being discussed here?

- Ans ☐ 1. Asian Railway Network
- ☒ 2. Western Dedicated Freight Corridor (EDFC)
- ☐ 3. Golden Quadrilateral
- ☐ 4. Eastern Dedicated Freight Corridor (EDFC)

Question ID : 630680307260
Option 1 ID : 6306801195302
Option 2 ID : 6306801195304
Option 3 ID : 6306801195301
Option 4 ID : 6306801195303
Status : Answered
Chosen Option : 2

Q.10 During the financial year 2022-23, Indian Railways has achieved the best ever performance by laying average daily track of how many kilometers per day?

- Ans ☐ 1. 16 km/day
- ☒ 2. 14.4 km/day
- ☐ 3. 21 km/day
- ☐ 4. 18 km/day

Question ID : 630680307258
Option 1 ID : 6306801195294
Option 2 ID : 6306801195295
Option 3 ID : 6306801195296
Option 4 ID : 6306801195293
Status : Not Answered
Chosen Option : --