

# **DFCCIL Executive**

**Previous Year Paper  
(Operations & BD)  
25 Aug, 2023 Shift 1**

**Adda247**



Dedicated Freight Corridor Corporation of India Ltd.

A Government of India (Ministry of Railways) Enterprise

डेडीकेटेड फ्रेट कोरीडोर

Test Date	25/08/2023
Test Time	8:30 AM - 10:00 AM
Subject	Executive (Operations and BD)

Section : Mathematics or Numerical Ability

**Q.1** 40 percent of the cost price of an article is equal to the 30 percent of its selling price. What is the profit percentage?

- Ans**  1. 33.33 percent  
 2. 66.66 percent  
 3. 30 percent  
 4. 50 percent

Question ID : 630680324766

Option 1 ID : 6306801263461

Option 2 ID : 6306801263462

Option 3 ID : 6306801263464

Option 4 ID : 6306801263463

Status : Answered

Chosen Option : 1

**Q.2** The average weight of X, Y and Z is 39 kg. If the average weight of X and Y is 37 kg and the average weight of Y and Z is 33 kg, then what is the weight of Y?

- Ans**  1. 22 kg  
 2. 23 kg  
 3. 29 kg  
 4. 27 kg

Question ID : 630680324762

Option 1 ID : 6306801263445

Option 2 ID : 6306801263447

Option 3 ID : 6306801263446

Option 4 ID : 6306801263448

Status : Answered

Chosen Option : 2

**Q.3** The perimeter of a rectangle is 22 cm and the length is 1 cm. What is the area of the rectangle?

- Ans**  1. 20 cm<sup>2</sup>  
 2. 10 cm<sup>2</sup>  
 3. 5 cm<sup>2</sup>  
 4. 11 cm<sup>2</sup>

Question ID : 630680324782

Option 1 ID : 6306801263525

Option 2 ID : 6306801263526

Option 3 ID : 6306801263528

Option 4 ID : 6306801263527

Status : Answered

Chosen Option : 2

**Q.4** If interest is being compounded half yearly, then what sum will amount to Rs. 28561 in 2 years at the rate of 60 percent per annum on compound interest?

- Ans**
- 1. Rs. 12000
  - 2. Rs. 10000
  - 3. Rs. 14700
  - 4. Rs. 13200

Question ID : 630680324773  
Option 1 ID : 6306801263492  
Option 2 ID : 6306801263491  
Option 3 ID : 6306801263490  
Option 4 ID : 6306801263489  
Status : **Marked For Review**  
Chosen Option : 2

**Q.5** The angles of a triangle are in the ratio of 3 : 4 : 2. What is the smallest of these three angles?

- Ans**
- 1. 45 degree
  - 2. 60 degree
  - 3. 20 degree
  - 4. 40 degree

Question ID : 630680324786  
Option 1 ID : 6306801263543  
Option 2 ID : 6306801263544  
Option 3 ID : 6306801263541  
Option 4 ID : 6306801263542  
Status : **Answered**  
Chosen Option : 4

**Q.6** Rahul makes four trips of equal distances. His speed on first trip was 360 km/hr and in each subsequent trip his speed was half of the previous trip. What is the average speed of Rahul in these four trips?

- Ans**
- 1. 96 km/hr
  - 2. 90 km/hr
  - 3. 108 km/hr
  - 4. 120 km/hr

Question ID : 630680324763  
Option 1 ID : 6306801263451  
Option 2 ID : 6306801263449  
Option 3 ID : 6306801263450  
Option 4 ID : 6306801263452  
Status : **Answered**  
Chosen Option : 1

**Q.7** Rajesh alone can do a work in 4 days working 2 hours a day. Arti alone can do the same work in 2 days working 12 hours a day. How many hours do they need to work together in a day to complete the same work in 2 days?

- Ans**
- 1. 2.5 hours
  - 2. 5 hours
  - 3. 3 hours
  - 4. 4.5 hours

Question ID : 630680324776  
Option 1 ID : 6306801263504  
Option 2 ID : 6306801263503  
Option 3 ID : 6306801263502  
Option 4 ID : 6306801263501  
Status : **Marked For Review**  
Chosen Option : 3

**Q.8** The speed of a train is 72 km/hr. If the length of the train is 920 metre, then how much time train will take to cross a man standing on the platform?

- Ans**
- 1. (9/10) minutes
  - 2. (23/30) minutes
  - 3. (27/32) minutes
  - 4. (14/15) minutes

Question ID : 630680324774  
Option 1 ID : 6306801263493  
Option 2 ID : 6306801263494  
Option 3 ID : 6306801263495  
Option 4 ID : 6306801263496  
Status : Answered  
Chosen Option : 2

**Q.9** If the sum of all the interior angles of a polygon is 540 degrees, then the number of diagonals in the polygon will be

- Ans**
- 1. 6
  - 2. 8
  - 3. 5
  - 4. 10

Question ID : 630680324785  
Option 1 ID : 6306801263540  
Option 2 ID : 6306801263538  
Option 3 ID : 6306801263537  
Option 4 ID : 6306801263539  
Status : Answered  
Chosen Option : 3

**Q.10** How much amount will be received on a principal of Rs. 13500 at the rate of 20 percent per annum compound interest (compounded annually) for 2 years?

- Ans**
- 1. Rs. 19440
  - 2. Rs. 18420
  - 3. Rs. 19720
  - 4. Rs. 20220

Question ID : 630680324772  
Option 1 ID : 6306801263488  
Option 2 ID : 6306801263487  
Option 3 ID : 6306801263486  
Option 4 ID : 6306801263485  
Status : Answered  
Chosen Option : 1

**Q.11** If p percent of p is 576, then what is the value of p?

- Ans**
- 1. 260
  - 2. 240
  - 3. 160
  - 4. 360

Question ID : 630680324764  
Option 1 ID : 6306801263454  
Option 2 ID : 6306801263453  
Option 3 ID : 6306801263455  
Option 4 ID : 6306801263456  
Status : Answered  
Chosen Option : 2

Q.12 If  $2ab + 2bc + 2ca = 24$  and  $a^2 + b^2 + c^2 = 50$  then what is the value of  $(a + b + c)^2$ ?

- Ans  1. 74  
 2. 72  
 3. 98  
 4. 48

Question ID : 630680324781  
 Option 1 ID : 6306801263521  
 Option 2 ID : 6306801263524  
 Option 3 ID : 6306801263522  
 Option 4 ID : 6306801263523  
 Status : Answered  
 Chosen Option : 1

Q.13 If  $A : B = 3 : 2$ ,  $B : C = 2 : 3$  and  $C : D = 4 : 1$ , then what is the value of  $A : C : D$ ?

- Ans  1. 4 : 4 : 1  
 2. 6 : 6 : 1  
 3. 1 : 4 : 4  
 4. 5 : 5 : 1

Question ID : 630680324769  
 Option 1 ID : 6306801263473  
 Option 2 ID : 6306801263476  
 Option 3 ID : 6306801263474  
 Option 4 ID : 6306801263475  
 Status : Answered  
 Chosen Option : 1

Q.14 3064 रुपये की राशि को P, Q तथा R के बीच इस प्रकार विभाजित किया जाता है कि यदि क्रमशः 16 रुपये, 17 रुपये तथा 15 रुपये P, Q तथा R के हिस्सों में से कम किये जायें, तो उनके हिस्सों का अनुपात 18 : 19 : 21 होगा। R का प्रारंभिक हिस्सा कितना है?

- Ans  1. 1092 रुपये  
 2. 1107 रुपये  
 3. 672 रुपये  
 4. 1208 रुपये

Question ID : 630680324770  
 Option 1 ID : 6306801263477  
 Option 2 ID : 6306801263480  
 Option 3 ID : 6306801263479  
 Option 4 ID : 6306801263478  
 Status : Answered  
 Chosen Option : 2

Q.15 Two trains are moving in the same direction at the speed of 45 km/hr and 90 km/hr. The time taken by faster train to cross a man sitting in the slower train is 22 seconds. What will be the length of the faster train?

- Ans  1. 315 metres  
 2. 275 metres  
 3. 225 metres  
 4. 345 metres

Question ID : 630680324775  
 Option 1 ID : 6306801263499  
 Option 2 ID : 6306801263500  
 Option 3 ID : 6306801263498  
 Option 4 ID : 6306801263497  
 Status : Answered  
 Chosen Option : 2

Q.16

If  $x + \frac{1}{x} = 12$ , then what is the value of  $x^2 + \frac{1}{x^2}$ ?

- Ans
- 1. 146
  - 2. 144
  - 3. 140
  - 4. 142

Question ID : 630680324779

Option 1 ID : 6306801263513

Option 2 ID : 6306801263514

Option 3 ID : 6306801263516

Option 4 ID : 6306801263515

Status : Answered

Chosen Option : 4

Q.17

दीपक का वेतन राजू के वेतन से 20 प्रतिशत अधिक है। यदि दीपक 18000 रुपये बचाता है जो उसके वेतन का 48 प्रतिशत है, तो राजू का वेतन कितना है?

- Ans
- 1. 32250 रुपये
  - 2. 31520 रुपये
  - 3. 30520 रुपये
  - 4. 31250 रुपये

Question ID : 630680324765

Option 1 ID : 6306801263458

Option 2 ID : 6306801263460

Option 3 ID : 6306801263459

Option 4 ID : 6306801263457

Status : Answered

Chosen Option : 4

Q.18

A merchant marks the price of his article 20 percent above the cost price. He gives some discount on it and earns a profit of 10 percent. What is the discount percentage?

- Ans
- 1. 16.67 percent
  - 2. 9.09 percent
  - 3. 11.11 percent
  - 4. 8.33 percent

Question ID : 630680324767

Option 1 ID : 6306801263465

Option 2 ID : 6306801263467

Option 3 ID : 6306801263468

Option 4 ID : 6306801263466

Status : Answered

Chosen Option : 4

Q.19 What is the value of  $\frac{\sin 27^\circ \times \cos 68^\circ}{\sin 22^\circ \times \cos 63^\circ}$ ?

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

Question ID : 630680324787  
 Option 1 ID : 6306801263546  
 Option 2 ID : 6306801263547  
 Option 3 ID : 6306801263548  
 Option 4 ID : 6306801263545  
 Status : Answered  
 Chosen Option : 1

Q.20 Mode = 66 and Median = 42. Find mean using empirical relation.

- Ans
- 1. 26
  - 2. 66
  - 3. 30
  - 4. 54

Question ID : 630680324778  
 Option 1 ID : 6306801263509  
 Option 2 ID : 6306801263510  
 Option 3 ID : 6306801263511  
 Option 4 ID : 6306801263512  
 Status : Marked For Review  
 Chosen Option : 4

Q.21 The Least Common Multiple of three different numbers is 80. Which of the following cannot be their Highest Common Factor?

- Ans
- 1. 10
  - 2. 6
  - 3. 40
  - 4. 20

Question ID : 630680324759  
 Option 1 ID : 6306801263434  
 Option 2 ID : 6306801263436  
 Option 3 ID : 6306801263435  
 Option 4 ID : 6306801263433  
 Status : Marked For Review  
 Chosen Option : 3

Q.22 What is the value of  $\sqrt{0.000036}$ ?

- Ans
- 1. 0.6
  - 2. 0.06
  - 3. 0.006
  - 4. 0.08

Question ID : 630680324758  
 Option 1 ID : 6306801263430  
 Option 2 ID : 6306801263429  
 Option 3 ID : 6306801263431  
 Option 4 ID : 6306801263432  
 Status : Answered  
 Chosen Option : 3

Q.23 Average of 33 numbers is 5. If every number is doubled, then what will be the new average of the numbers?

- Ans
- 1. 21
  - 2. 18
  - 3. 17
  - 4. 10

Question ID : 630680324761  
Option 1 ID : 6306801263444  
Option 2 ID : 6306801263443  
Option 3 ID : 6306801263441  
Option 4 ID : 6306801263442  
Status : Answered  
Chosen Option : 4

Q.24 A solid cylinder having radius of base as 21 cm and height as 35 cm is bisected from its height to get two identical cylinders. What will be the percentage increase in the total surface area?

- Ans
- 1. 28.7 percent
  - 2. 42.2 percent
  - 3. 37.5 percent
  - 4. 32.5 percent

Question ID : 630680324784  
Option 1 ID : 6306801263534  
Option 2 ID : 6306801263535  
Option 3 ID : 6306801263536  
Option 4 ID : 6306801263533  
Status : Not Attempted and Marked For Review  
Chosen Option : --

Q.25 What is the mean proportion between 12 and 300?

- Ans
- 1. 60
  - 2. 150
  - 3. 120
  - 4. 90

Question ID : 630680324768  
Option 1 ID : 6306801263469  
Option 2 ID : 6306801263472  
Option 3 ID : 6306801263471  
Option 4 ID : 6306801263470  
Status : Answered  
Chosen Option : 1

Q.26 To complete a wall, M alone takes 60 percent more time than N alone. If together they complete the wall in 20 days, then how much time will N alone take to complete it?

- Ans
- 1. (69/2) days
  - 2. (65/2) days
  - 3. (67/2) days
  - 4. (71/2) days

Question ID : 630680324777  
Option 1 ID : 6306801263506  
Option 2 ID : 6306801263507  
Option 3 ID : 6306801263508  
Option 4 ID : 6306801263505  
Status : Answered  
Chosen Option : 2



Q.27 If the number 963P26Q is divisible by 48, then what is the minimum value of P + Q?

- Ans
- ✓ 1. 4
  - ✗ 2. 7
  - ✗ 3. 9
  - ✗ 4. 6

Question ID : 630680324760  
 Option 1 ID : 6306801263439  
 Option 2 ID : 6306801263437  
 Option 3 ID : 6306801263440  
 Option 4 ID : 6306801263438  
 Status : Answered  
 Chosen Option : 2

Q.28 A person borrows some money for 2 years at a certain rate of simple interest. If the ratio of principal and total interest is 5 : 2, then what is the annual rate of interest?

- Ans
- ✗ 1. 27 percent
  - ✗ 2. 25 percent
  - ✗ 3. 24 percent
  - ✓ 4. 20 percent

Question ID : 630680324771  
 Option 1 ID : 6306801263484  
 Option 2 ID : 6306801263482  
 Option 3 ID : 6306801263483  
 Option 4 ID : 6306801263481  
 Status : Answered  
 Chosen Option : 4

Q.29 Three metallic cubes whose sides are 15 cm, 20 cm and 25 cm respectively are melted and converted into a single cube. If there is no loss of metal in this process, then what is the length of the side of the new cube?

- Ans
- ✓ 1. 30 cm
  - ✗ 2. 32 cm
  - ✗ 3. 24 cm
  - ✗ 4. 28 cm

Question ID : 630680324783  
 Option 1 ID : 6306801263532  
 Option 2 ID : 6306801263530  
 Option 3 ID : 6306801263531  
 Option 4 ID : 6306801263529  
 Status : Answered  
 Chosen Option : 1

Q.30 What is the value of  $2(a + b - c)^2$ ?

- Ans
- ✗ 1.  $a^2 + b^2 + c^2 + 2ab - 2bc - 2ca$
  - ✓ 2.  $2a^2 + 2b^2 + 2c^2 + 4ab - 4bc - 4ca$
  - ✗ 3.  $2a^2 + 2b^2 - 2c^2 + 4ab - 4bc - 4ca$
  - ✗ 4.  $4a^2 + 4b^2 + 4c^2 + 4ab - 4bc - 4ca$

Question ID : 630680324780  
 Option 1 ID : 6306801263517  
 Option 2 ID : 6306801263518  
 Option 3 ID : 6306801263520  
 Option 4 ID : 6306801263519  
 Status : Answered  
 Chosen Option : 4

## Section : General Awareness

Q.1 Which mineral comes under micro mineral as per human body requirements?

- Ans  1. Iron  
 2. Sodium  
 3. Calcium  
 4. Potassium

Question ID : 630680324802  
Option 1 ID : 6306801263605  
Option 2 ID : 6306801263606  
Option 3 ID : 6306801263608  
Option 4 ID : 6306801263607  
Status : Answered  
Chosen Option : 4

Q.2 In which of the following state is the Simlipal bio-reserve located?

- Ans  1. Delhi  
 2. Odisha  
 3. West Bengal  
 4. Punjab

Question ID : 630680324798  
Option 1 ID : 6306801263592  
Option 2 ID : 6306801263589  
Option 3 ID : 6306801263590  
Option 4 ID : 6306801263591  
Status : Answered  
Chosen Option : 2

Q.3 Which state has launched 'Mahila Nidhi' first ever women's cooperative fund?

- Ans  1. Rajasthan  
 2. Kerala  
 3. Uttar Pradesh  
 4. Tamil Nadu

Question ID : 630680324790  
Option 1 ID : 6306801263557  
Option 2 ID : 6306801263558  
Option 3 ID : 6306801263560  
Option 4 ID : 6306801263559  
Status : Answered  
Chosen Option : 3

Q.4 In which type of economy, all activities are organised by market?

- Ans  1. Centrally planned economy  
 2. Liberal economy  
 3. Market economy  
 4. Mixed economy

Question ID : 630680324792  
Option 1 ID : 6306801263566  
Option 2 ID : 6306801263568  
Option 3 ID : 6306801263567  
Option 4 ID : 6306801263565  
Status : Answered  
Chosen Option : 2

Q.5 From which country Fundamental Rights has been adopted in Indian Constitution?

- Ans
- 1. America
  - 2. Ireland
  - 3. Australia
  - 4. Japan

Question ID : 630680324800  
Option 1 ID : 6306801263600  
Option 2 ID : 6306801263598  
Option 3 ID : 6306801263597  
Option 4 ID : 6306801263599  
Status : Answered  
Chosen Option : 1

Q.6 Maghi festival is celebrated by which religion?

- Ans
- 1. Hinduism
  - 2. Buddhism
  - 3. Jainism
  - 4. Sikh religion

Question ID : 630680324796  
Option 1 ID : 6306801263583  
Option 2 ID : 6306801263581  
Option 3 ID : 6306801263582  
Option 4 ID : 6306801263584  
Status : Answered  
Chosen Option : 1

Q.7 Migration change the number, distribution and composition of the population in?

- Ans
- 1. It does not have any impact
  - 2. Area of arrival
  - 3. Both area of arrival and departure
  - 4. Area of departure

Question ID : 630680324799  
Option 1 ID : 6306801263596  
Option 2 ID : 6306801263593  
Option 3 ID : 6306801263595  
Option 4 ID : 6306801263594  
Status : Answered  
Chosen Option : 3

Q.8 What is the name of site of protein manufacturing?

- Ans
- 1. Cell wall
  - 2. Ribosomes
  - 3. Golgi Bodies
  - 4. Plastids

Question ID : 630680324801  
Option 1 ID : 6306801263601  
Option 2 ID : 6306801263603  
Option 3 ID : 6306801263604  
Option 4 ID : 6306801263602  
Status : Answered  
Chosen Option : 2

Q.9 Which Indian language is known as Dramatic prakrit?

- Ans
- 1. Elu
  - 2. Pali
  - 3. Shauraseni
  - 4. Magadhi

Question ID : 630680324795  
Option 1 ID : 6306801263577  
Option 2 ID : 6306801263580  
Option 3 ID : 6306801263579  
Option 4 ID : 6306801263578  
Status : Answered  
Chosen Option : 2

Q.10 "Jan Aushadhi Train" main objective is ?

- Ans
- 1. Search for talented medical staff
  - 2. Provide free medicine to remote areas
  - 3. Provide free medical aid to remote areas
  - 4. Create awareness about Jan Aushadhi Scheme

Question ID : 630680324791  
Option 1 ID : 6306801263564  
Option 2 ID : 6306801263561  
Option 3 ID : 6306801263562  
Option 4 ID : 6306801263563  
Status : Answered  
Chosen Option : 2

Q.11 1817 AD. Which rebellion against British India took place in Orissa?

- Ans
- 1. Ahom
  - 2. Mopla
  - 3. Khurda
  - 4. Santhal

Question ID : 630680324793  
Option 1 ID : 6306801263572  
Option 2 ID : 6306801263570  
Option 3 ID : 6306801263571  
Option 4 ID : 6306801263569  
Status : Answered  
Chosen Option : 4

Q.12 Which Viceroy of India passed the Child Marriage Restraint Act and in which year?

- Ans
- 1. Lord Minto, 1914
  - 2. Lord Canning, 1919
  - 3. Lord Ripon, 1920
  - 4. Lord Irwin, 1929

Question ID : 630680324794  
Option 1 ID : 6306801263574  
Option 2 ID : 6306801263575  
Option 3 ID : 6306801263576  
Option 4 ID : 6306801263573  
Status : Answered  
Chosen Option : 2

Q.13 Rubber belongs to which type of vegetation?

- Ans
- 1. Tidal
  - 2. Tropical evergreen
  - 3. Himalayan
  - 4. Tundra

Question ID : 630680324797  
Option 1 ID : 6306801263586  
Option 2 ID : 6306801263585  
Option 3 ID : 6306801263588  
Option 4 ID : 6306801263587  
Status : Answered  
Chosen Option : 2

Q.14 भूजल के पम्पिंग और संचलन के कारण पृथ्वी की धुरी कितनी झुकी हुई है?

- Ans
- 1. 70 सेमी
  - 2. 58.5 सेमी
  - 3. 65.5 सेमी
  - 4. 80 सेमी

Question ID : 630680324789  
Option 1 ID : 6306801263554  
Option 2 ID : 6306801263556  
Option 3 ID : 6306801263555  
Option 4 ID : 6306801263553  
Status : Answered  
Chosen Option : 2

Q.15 South Asian Football Federation Football Championship will be held in which city?

- Ans
- 1. Chennai
  - 2. Bengaluru
  - 3. Bhubneswar
  - 4. New Delhi

Question ID : 630680324788  
Option 1 ID : 6306801263551  
Option 2 ID : 6306801263550  
Option 3 ID : 6306801263552  
Option 4 ID : 6306801263549  
Status : Answered  
Chosen Option : 2

Section : General Science

Q.1 R.H. Whittaker proposed a \_\_\_\_\_ kingdom classification.

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

Question ID : 630680324808  
Option 1 ID : 6306801263632  
Option 2 ID : 6306801263631  
Option 3 ID : 6306801263630  
Option 4 ID : 6306801263629  
Status : Answered  
Chosen Option : 1

Q.2 According to WHO, which of the following is NOT an aspect of reproduction for total well being of reproductive health?

- Ans
- 1. Physical
  - 2. Emotional
  - 3. Practical
  - 4. Social

Question ID : 630680324809

Option 1 ID : 6306801263633

Option 2 ID : 6306801263634

Option 3 ID : 6306801263635

Option 4 ID : 6306801263636

Status : Answered

Chosen Option : 3

Q.3 Work done can be \_\_\_\_\_.

- I. zero
- II. positive
- III. Negative

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

Question ID : 630680324816

Option 1 ID : 6306801263664

Option 2 ID : 6306801263662

Option 3 ID : 6306801263661

Option 4 ID : 6306801263663

Status : Answered

Chosen Option : 1

Q.4 Sugar which is used in our homes is named as \_\_\_\_\_.

- Ans
- 1. Sucrose
  - 2. Glucose
  - 3. Starch
  - 4. Lactose

Question ID : 630680324805

Option 1 ID : 6306801263619

Option 2 ID : 6306801263617

Option 3 ID : 6306801263620

Option 4 ID : 6306801263618

Status : Answered

Chosen Option : 2

Q.5 In a \_\_\_\_\_ system, there is no exchange of matter, but exchange of energy is possible between system and the surrounding.

- Ans
- 1. isolated
  - 2. closed
  - 3. adiabatic
  - 4. open

Question ID : 630680324817

Option 1 ID : 6306801263667

Option 2 ID : 6306801263666

Option 3 ID : 6306801263668

Option 4 ID : 6306801263665

Status : Answered

Chosen Option : 2

Q.6 What is the wavelength range of Infra-red waves?

- Ans
- 1. 1 nm to  $10^{-3}$  mm
  - 2. 400 nm to 1 mm
  - 3. 1 mm to 700 mm
  - 4. 0.1 m to 1 mm

Question ID : 630680324813

Option 1 ID : 6306801263652

Option 2 ID : 6306801263651

Option 3 ID : 6306801263650

Option 4 ID : 6306801263649

Status : Marked For Review

Chosen Option : 2

Q.7 ऐरिलॉक्सी समूह का प्रतीक क्या है?

- Ans
- 1. R-CHO
  - 2. Ar-O
  - 3. R-OH
  - 4. Ar-OH

Question ID : 630680324803

Option 1 ID : 6306801263612

Option 2 ID : 6306801263610

Option 3 ID : 6306801263609

Option 4 ID : 6306801263611

Status : Answered

Chosen Option : 2

Q.8 If the net external force on a body is zero, then its acceleration is \_\_\_\_\_.

- Ans
- 1. zero
  - 2. greater than zero
  - 3. greater than or equal to zero
  - 4. less than zero

Question ID : 630680324814

Option 1 ID : 6306801263653

Option 2 ID : 6306801263655

Option 3 ID : 6306801263656

Option 4 ID : 6306801263654

Status : Answered

Chosen Option : 1

Q.9 \_\_\_\_\_ is a special connective tissues consisting of a fluid matrix, plasma and formed elements.

- Ans
- 1. Blood
  - 2. Lymph
  - 3. Vena cava
  - 4. Bone

Question ID : 630680324810

Option 1 ID : 6306801263640

Option 2 ID : 6306801263638

Option 3 ID : 6306801263639

Option 4 ID : 6306801263637

Status : Answered

Chosen Option : 2

Q.10 Attractive intermolecular forces are known as \_\_\_\_\_.

- Ans
- 1. Dipole-Dipole forces
  - 2. Dispersion forces
  - 3. London forces
  - 4. van der Waal forces

Question ID : 630680324806  
 Option 1 ID : 6306801263624  
 Option 2 ID : 6306801263622  
 Option 3 ID : 6306801263623  
 Option 4 ID : 6306801263621  
 Status : Answered  
 Chosen Option : 4

Q.11 The technique of growing plants in a nutrient solution is known as \_\_\_\_\_.

- Ans
- 1. hydroponics
  - 2. hortiponics
  - 3. hydrophonics
  - 4. solponics

Question ID : 630680324811  
 Option 1 ID : 6306801263642  
 Option 2 ID : 6306801263641  
 Option 3 ID : 6306801263644  
 Option 4 ID : 6306801263643  
 Status : Answered  
 Chosen Option : 1

Q.12 What is the functional group of ketones?

- Ans
- 1.  $\begin{array}{c} \text{R} - \text{C} - \text{OH} \\ || \\ \text{O} \end{array}$
  - 2.  $\begin{array}{c} \text{O} \\ || \\ \text{R} - \text{C} - \text{R}' \end{array}$
  - 3.  $\text{R} - \text{OH}$
  - 4.  $\begin{array}{c} \text{O} \\ || \\ \text{R} - \text{C} - \text{H} \end{array}$

Question ID : 630680324804  
 Option 1 ID : 6306801263616  
 Option 2 ID : 6306801263614  
 Option 3 ID : 6306801263613  
 Option 4 ID : 6306801263615  
 Status : Answered  
 Chosen Option : 2



Q.13 SI unit of inductive reactance is \_\_\_\_\_.

- Ans
- 1. ampere
  - 2. ohm
  - 3. volt
  - 4. mho

Question ID : 630680324812  
Option 1 ID : 6306801263646  
Option 2 ID : 6306801263645  
Option 3 ID : 6306801263648  
Option 4 ID : 6306801263647  
Status : Answered  
Chosen Option : 4

Q.14 According to Neils Bohr, electron revolves around the nucleus only in those orbits for which the \_\_\_\_\_ is some integral multiple of  $h/2\pi$  where  $h$  is the Planck's constant.

- Ans
- 1. mass per unit volume
  - 2. angular momentum
  - 3. moment of inertia
  - 4. linear momentum

Question ID : 630680324815  
Option 1 ID : 6306801263660  
Option 2 ID : 6306801263658  
Option 3 ID : 6306801263659  
Option 4 ID : 6306801263657  
Status : Answered  
Chosen Option : 2

Q.15 Amoeba can change its shape with the help of \_\_\_\_\_.

- Ans
- 1. protium
  - 2. protruding
  - 3. pseudopodia
  - 4. paramecium

Question ID : 630680324807  
Option 1 ID : 6306801263628  
Option 2 ID : 6306801263626  
Option 3 ID : 6306801263625  
Option 4 ID : 6306801263627  
Status : Marked For Review  
Chosen Option : 2

Section : Logical Reasoning or General Intelligence

Q.1 What will be the next term in the given series?  
MNO: NML::PQR: ?

- Ans
- 1. JKI
  - 2. KJI
  - 3. KIJ
  - 4. IKJ

Question ID : 630680324829  
Option 1 ID : 6306801263713  
Option 2 ID : 6306801263714  
Option 3 ID : 6306801263715  
Option 4 ID : 6306801263716  
Status : Answered  
Chosen Option : 2

Q.2 यदि लिखा है कि पत्नी = 675, पति = 434, बेटा = 453 और बेटी = 467 तो ससुर की बह का पति ससुर से कैसे संबंधित है?

- Ans  1. 675  
 2. 453  
 3. 467  
 4. 434

Question ID : 630680324836  
 Option 1 ID : 6306801263742  
 Option 2 ID : 6306801263744  
 Option 3 ID : 6306801263741  
 Option 4 ID : 6306801263743  
 Status : Answered  
 Chosen Option : 2

Q.3 Which of the following is different from the others?  
 Lucknow, Bhopal, Mumbai, Nagpur

- Ans  1. Nagpur  
 2. Mumbai  
 3. Bhopal  
 4. Lucknow

Question ID : 630680324842  
 Option 1 ID : 6306801263765  
 Option 2 ID : 6306801263767  
 Option 3 ID : 6306801263768  
 Option 4 ID : 6306801263766  
 Status : Answered  
 Chosen Option : 1

Q.4 What will be the next term in the given series?  
 AZBY, CXDW, EVFU, ?

- Ans  1. GTHS  
 2. GHTS  
 3. GSTH  
 4. GTSH

Question ID : 630680324828  
 Option 1 ID : 6306801263711  
 Option 2 ID : 6306801263712  
 Option 3 ID : 6306801263709  
 Option 4 ID : 6306801263710  
 Status : Answered  
 Chosen Option : 1

Q.5 What day was 26 January 1950?

- Ans  1. Sunday  
 2. Thursday  
 3. Saturday  
 4. Monday

Question ID : 630680324821  
 Option 1 ID : 6306801263684  
 Option 2 ID : 6306801263683  
 Option 3 ID : 6306801263681  
 Option 4 ID : 6306801263682  
 Status : Answered  
 Chosen Option : 2

Q.6 नीचे दिये गए कथन एवं निष्कर्ष के आधार पर सही विकल्प का चयन करें?

कथन:-

प्रत्येक स्कूल को अपने विद्यार्थियों के बिच स्कूल की गतिविधियों में साझेदारी को बढ़ावा देना चाहिए।  
इससे बच्चों के विकास में माता -पिता की हिस्सेदारी और भागीदारी बढ़ेगी।

निष्कर्ष:-

I. बच्चों के विकास के लिए माता-पिता को बच्चों को स्कूल की गतिविधियों में हिस्सा लेने के लिए प्रोत्साहित करना चाहिए।  
II. स्कूल की गतिविधियों में माता पिता के हिस्से दारी का बच्चों के विकास पर कोई प्रभाव नहीं पड़ता है।

- Ans
- 1. केवल निष्कर्ष II निकलता है
  - 2. निष्कर्ष I एवं II दोनों सत्य हैं।
  - 3. कोई भी निष्कर्ष सत्य नहीं है
  - 4. केवल निष्कर्ष I निकलता है

Question ID : 630680324823  
Option 1 ID : 6306801263690  
Option 2 ID : 6306801263691  
Option 3 ID : 6306801263692  
Option 4 ID : 6306801263689  
Status : Answered  
Chosen Option : 4

Q.7 The height of A is 5 feet, B is 2 feet taller than A, C is 1 feet taller than A. Who is the tallest among them?

- Ans
- 1. Cannot be determined
  - 2. A
  - 3. B
  - 4. C

Question ID : 630680324825  
Option 1 ID : 6306801263700  
Option 2 ID : 6306801263698  
Option 3 ID : 6306801263699  
Option 4 ID : 6306801263697  
Status : Answered  
Chosen Option : 3

Q.8 If subtraction is written as addition and division as multiplication, then: -  
 $5 - 10/25 = ?$

- Ans
- 1. 255
  - 2. 245
  - 3. 265
  - 4. 275

Question ID : 630680324845  
Option 1 ID : 6306801263777  
Option 2 ID : 6306801263780  
Option 3 ID : 6306801263778  
Option 4 ID : 6306801263779  
Status : Answered  
Chosen Option : 1

Q.9 यदि किसी कूट भाषा में  $c = I, u = A, b = T, h = K, m = E$  है, तो इस कूट भाषा में cub शब्द को क्या लिखा जाएगा?

- Ans
- 1. IAT
  - 2. TAI
  - 3. TIA
  - 4. ITA

Question ID : 630680324834  
Option 1 ID : 6306801263735  
Option 2 ID : 6306801263736  
Option 3 ID : 6306801263734  
Option 4 ID : 6306801263733  
Status : Answered  
Chosen Option : 1

Q.10 तान्या के पति के बेटे की बहन की नानी के पति तान्या से किस प्रकार संबंधित है?

- Ans  1. अपर्याप्त कथन  
 2. पिता  
 3. मामा  
 4. ससुर

Question ID : 630680324837  
Option 1 ID : 6306801263748  
Option 2 ID : 6306801263747  
Option 3 ID : 6306801263745  
Option 4 ID : 6306801263746  
Status : Answered  
Chosen Option : 2

Q.11 The height of the Rekha is 5 feet. Bindiya is 1 feet longer than Rekha. Jyoti is 1 feet t less than Rekha. Vandana is 1 feet taller than Bindiya. Who among the following is the tallest?

- Ans  1. Jyoti  
 2. Bindiya  
 3. Rekha  
 4. Vandana

Question ID : 630680324847  
Option 1 ID : 6306801263785  
Option 2 ID : 6306801263786  
Option 3 ID : 6306801263788  
Option 4 ID : 6306801263787  
Status : Answered  
Chosen Option : 4

Q.12 निम्नलिखित व्यवस्थाओं का ध्यानपूर्वक अध्ययन कीजिए और नीचे दिए गए प्रश्नों के उत्तर दीजिए:  
121+@#\$631?"+%/DFG9B7N4X3Y  
दी गई श्रृंखला में लिखी गई संख्याओं का योग कितना है?

- Ans  1. 39  
 2. 37  
 3. 35  
 4. 36

Question ID : 630680324831  
Option 1 ID : 6306801263724  
Option 2 ID : 6306801263723  
Option 3 ID : 6306801263721  
Option 4 ID : 6306801263722  
Status : Answered  
Chosen Option : 2

Q.13 Which will replace the question mark in the given series?  
63, 94, 46, ?

- Ans  1. 18  
 2. 81  
 3. 71  
 4. 61

Question ID : 630680324846  
Option 1 ID : 6306801263781  
Option 2 ID : 6306801263782  
Option 3 ID : 6306801263783  
Option 4 ID : 6306801263784  
Status : Not Attempted and  
Marked For Review  
Chosen Option : --

Q.14 Which of the following is different from the others on the basis of their locations?  
India gate, Red fort, Qutub Minar, Panch Mahal

- Ans
- 1. Red fort
  - 2. India gate
  - 3. Panch Mahal
  - 4. Qutub Minar

Question ID : 630680324841  
Option 1 ID : 6306801263762  
Option 2 ID : 6306801263761  
Option 3 ID : 6306801263764  
Option 4 ID : 6306801263763  
Status : Answered  
Chosen Option : 3

Q.15 Which will replace the question mark in the given question?  
India:Tiger:: Bangladesh:?

- Ans
- 1. Horse
  - 2. Tiger
  - 3. Deer
  - 4. Elephant

Question ID : 630680324838  
Option 1 ID : 6306801263752  
Option 2 ID : 6306801263749  
Option 3 ID : 6306801263751  
Option 4 ID : 6306801263750  
Status : Answered  
Chosen Option : 2

Q.16 Which will replace the question mark in the given question?  
India: New Delhi:: Nepal: ?

- Ans
- 1. Kathmandu
  - 2. Birganj
  - 3. Nepa Nagar
  - 4. Parsa

Question ID : 630680324839  
Option 1 ID : 6306801263755  
Option 2 ID : 6306801263756  
Option 3 ID : 6306801263753  
Option 4 ID : 6306801263754  
Status : Answered  
Chosen Option : 1

Q.17 2 5 AB24 BC5 6 AD7 6 BC8 6 N5 6 PQ6 7 A  
दिये गए स्ट्रिंग्स में ऐसी कितनी संख्याएँ हैं जिनके ठीक बाद A आया है?

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

Question ID : 630680324832  
Option 1 ID : 6306801263727  
Option 2 ID : 6306801263725  
Option 3 ID : 6306801263726  
Option 4 ID : 6306801263728  
Status : Answered  
Chosen Option : 3

Q.18 What day was it on 20 April 1921 AD ?

- Ans
- 1. Saturday
  - 2. Wednesday
  - 3. Monday
  - 4. Thursday

Question ID : 630680324820  
Option 1 ID : 6306801263679  
Option 2 ID : 6306801263677  
Option 3 ID : 6306801263678  
Option 4 ID : 6306801263680  
Status : Answered  
Chosen Option : 2

Q.19 Which of the following is different from the others?  
Mango, Apple, Orange, Chili

- Ans
- 1. Chili
  - 2. Apple
  - 3. Orange
  - 4. Mango

Question ID : 630680324824  
Option 1 ID : 6306801263694  
Option 2 ID : 6306801263696  
Option 3 ID : 6306801263695  
Option 4 ID : 6306801263693  
Status : Answered  
Chosen Option : 1

Q.20 Study the following arrangements carefully and answer the questions given below:  
FG+@-TUV@ACGI MN34KL56@#\$1#2@1  
How many such numbers are there in the given series which are immediately followed by a particular symbol?

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

Question ID : 630680324830  
Option 1 ID : 6306801263720  
Option 2 ID : 6306801263719  
Option 3 ID : 6306801263717  
Option 4 ID : 6306801263718  
Status : Answered  
Chosen Option : 4

Q.21 Which will replace the question mark in the given series?  
a,ab,abc,abcd,abcde,abcdef,?

- Ans
- 1. abcdfeg
  - 2. abcfged
  - 3. abcdefg
  - 4. abcdfef

Question ID : 630680324826  
Option 1 ID : 6306801263702  
Option 2 ID : 6306801263703  
Option 3 ID : 6306801263701  
Option 4 ID : 6306801263704  
Status : Answered  
Chosen Option : 3

Q.22 Select the correct option based on the statements and conclusions given below?

Statement:-

- I. All children are students.  
II. All students are players.

Conclusion:-

- I. All cricket players are students.  
II. All children are players.

- Ans  1. Neither of the two conclusions is correct.  
 2. Conclusions I and II follow.  
 3. Only conclusion II is correct.  
 4. Only conclusion I is correct.

Question ID : 630680324822  
Option 1 ID : 6306801263688  
Option 2 ID : 6306801263687  
Option 3 ID : 6306801263685  
Option 4 ID : 6306801263686  
Status : Answered  
Chosen Option : 3

Q.23 A 2 7 6 B 3 4 5 C 9 8 7 D 1 2 3 E 2 5 6 F

Which of the following numbers lie between E and F in the given strings?

- Ans  1. Only 2  
 2. 2, 5 & 6  
 3. Only 6  
 4. Only 2 & 5

Question ID : 630680324833  
Option 1 ID : 6306801263729  
Option 2 ID : 6306801263732  
Option 3 ID : 6306801263731  
Option 4 ID : 6306801263730  
Status : Answered  
Chosen Option : 2

Q.24 4 विद्यार्थी P, Q, R, और S एक वर्गाकार मेज पर इस प्रकार बैठे हैं कि उनका मुख केंद्र की ओर है। P, Q के बाईं ओर है लेकिन R के बाईं ओर नहीं है। S, R के दाईं ओर है लेकिन P के दाईं ओर नहीं है। P के ठीक दायें कौन बैठा है?

- Ans  1. Q  
 2. P & S  
 3. R  
 4. S

Question ID : 630680324819  
Option 1 ID : 6306801263675  
Option 2 ID : 6306801263676  
Option 3 ID : 6306801263674  
Option 4 ID : 6306801263673  
Status : Answered  
Chosen Option : 1

Q.25 Which of the following is different from the others?

Car, Bus, Jeep, Train

- Ans  1. Train  
 2. Bus  
 3. Jeep  
 4. Car

Question ID : 630680324840  
Option 1 ID : 6306801263757  
Option 2 ID : 6306801263758  
Option 3 ID : 6306801263759  
Option 4 ID : 6306801263760  
Status : Answered  
Chosen Option : 1

Q.26 Which will replace the question mark in the given series?  
120, 143, 168, ?

- Ans
- 1. 194
  - 2. 193
  - 3. 191
  - 4. 195

Question ID : 630680324844  
Option 1 ID : 6306801263773  
Option 2 ID : 6306801263775  
Option 3 ID : 6306801263776  
Option 4 ID : 6306801263774  
Status : Answered  
Chosen Option : 4

Q.27 There are 8 persons M,N,O,P,Q,R,S,T on a circular table who are facing towards the centre. Q is third to the right of M, who is second to the left of O. S and T are not neighbors and T is also not neighbor of O and Q. R is third to the right of N, but N and P are neighbours. Who are the neighbors of O?

- Ans
- 1. P,S
  - 2. P,N
  - 3. MN
  - 4. T,R

Question ID : 630680324818  
Option 1 ID : 6306801263670  
Option 2 ID : 6306801263669  
Option 3 ID : 6306801263671  
Option 4 ID : 6306801263672  
Status : Answered  
Chosen Option : 2

Q.28 Which will replace the question mark in the given series?  
121,144,169, ?

- Ans
- 1. 195
  - 2. 196
  - 3. 193
  - 4. 194

Question ID : 630680324843  
Option 1 ID : 6306801263771  
Option 2 ID : 6306801263772  
Option 3 ID : 6306801263769  
Option 4 ID : 6306801263770  
Status : Answered  
Chosen Option : 2

Q.29 सुनील एक बिंदु E से अपनी यात्रा शुरू करता है और 2 मीटर उत्तर की ओर चलता है। इसके बाद सुनील अपने दाएँ मुड़ता है और 3 मीटर चलता है और फिर से अपने दाएँ मुड़ता है और 2 मीटर चलता है। सुनील अपने शुरूआती बिंदु से किस दिशा में है ?

- Ans
- 1. पश्चिम
  - 2. पूर्व
  - 3. दक्षिण
  - 4. उत्तर

Question ID : 630680324835  
Option 1 ID : 6306801263739  
Option 2 ID : 6306801263737  
Option 3 ID : 6306801263740  
Option 4 ID : 6306801263738  
Status : Answered  
Chosen Option : 2



Q.30 What will be the next term in the given series?  
8,27,64,125,216,?

- Ans
- 1. 340
  - 2. 341
  - 3. 342
  - 4. 343

Question ID : 630680324827  
Option 1 ID : 6306801263705  
Option 2 ID : 6306801263706  
Option 3 ID : 6306801263707  
Option 4 ID : 6306801263708  
Status : Answered  
Chosen Option : 4

Section : Knowledge about Railways or DFCCIL

Q.1 भारत की पहली अंत्योदय एक्सप्रेस किन स्टेशनों के बीच चली ?

- Ans
- 1. इंदौर और अहमदाबाद
  - 2. निजामुद्दीन और पलक्कड
  - 3. श्रीगंगानगर और तिसचिरामल्ली
  - 4. एनकुलम और हावड़ा

Question ID : 630680324848  
Option 1 ID : 6306801263791  
Option 2 ID : 6306801263790  
Option 3 ID : 6306801263789  
Option 4 ID : 6306801263792  
Status : Answered  
Chosen Option : 3

Q.2 As on 16th June 2023, \_\_\_\_\_ percent of the DFC has been commissioned.

- Ans
- 1. 77.2
  - 2. 95.4
  - 3. 54.3
  - 4. 61.2

Question ID : 630680324850  
Option 1 ID : 6306801263797  
Option 2 ID : 6306801263798  
Option 3 ID : 6306801263800  
Option 4 ID : 6306801263799  
Status : Answered  
Chosen Option : 1

Q.3 In which year was the Dedicated Freight Corridor Corporation of India Limited (DFCCIL) incorporated as a schedule A company under the Company's Act 1956?

- Ans
- 1. 2016
  - 2. 2002
  - 3. 2006
  - 4. 2012

Question ID : 630680324855  
Option 1 ID : 6306801263820  
Option 2 ID : 6306801263817  
Option 3 ID : 6306801263818  
Option 4 ID : 6306801263819  
Status : Answered  
Chosen Option : 3

Q.4 The re-organisation of railways in India into regional zones began in \_\_\_\_\_.

- Ans  1. 1951  
 2. 1972  
 3. 1946  
 4. 1981

Question ID : 630680324853  
 Option 1 ID : 6306801263812  
 Option 2 ID : 6306801263811  
 Option 3 ID : 6306801263810  
 Option 4 ID : 6306801263809  
 Status : Answered  
 Chosen Option : 1

Q.5 डेडिकेटेड फ्रेट कॉरिडोर कॉर्पोरेशन ऑफ इंडिया लिमिटेड में कितने पूर्णकालिक निदेशक हैं?

- Ans  1. 9  
 2. 5  
 3. 12  
 4. 8

Question ID : 630680324857  
 Option 1 ID : 6306801263826  
 Option 2 ID : 6306801263828  
 Option 3 ID : 6306801263825  
 Option 4 ID : 6306801263827  
 Status : Not Answered  
 Chosen Option : --

Q.6 What is the budget outlay for electrification of broad-gauge network of the Indian Railways for 2023-24?

- Ans  1. Rs 9060 crore  
 2. Rs 6090 crore  
 3. Rs 8070 crore  
 4. Rs 7080 crore

Question ID : 630680324854  
 Option 1 ID : 6306801263816  
 Option 2 ID : 6306801263813  
 Option 3 ID : 6306801263815  
 Option 4 ID : 6306801263814  
 Status : Answered  
 Chosen Option : 2

Q.7 On 3 February \_\_\_\_\_, the first electric passenger train in India ran between Victoria Terminus (VT) and Kurla on 1,500 V DC overhead traction.

- Ans  1. 1918  
 2. 1925  
 3. 1919  
 4. 1936

Question ID : 630680324852  
 Option 1 ID : 6306801263808  
 Option 2 ID : 6306801263807  
 Option 3 ID : 6306801263805  
 Option 4 ID : 6306801263806  
 Status : Answered  
 Chosen Option : 2

Q.8 When did the Indian Railways conducted first trial run of double-stack container train in Dedicated Freight Corridor?

- Ans  1. January 2021  
 2. October 2020  
 3. February 2021  
 4. December 2020

Question ID : 630680324856  
Option 1 ID : 6306801263823  
Option 2 ID : 6306801263821  
Option 3 ID : 6306801263824  
Option 4 ID : 6306801263822  
Status : Answered  
Chosen Option : 3

Q.9 In July 2020, the first Heavy Haul Institute (HHI) of the Dedicated Freight Corridor Corporation of India Limited (DFCCIL) was inaugurated in \_\_\_\_\_.

- Ans  1. New Delhi  
 2. Mumbai  
 3. Noida  
 4. Ajmer

Question ID : 630680324851  
Option 1 ID : 6306801263801  
Option 2 ID : 6306801263804  
Option 3 ID : 6306801263802  
Option 4 ID : 6306801263803  
Status : Not Answered  
Chosen Option : --

Q.10 Which of the following statements is/are correct regarding the Vande Bharat Express?

- I. It is India's first indigenous Semi High Speed train.  
II. It can run up to a maximum speed of 240 kmph.

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

Question ID : 630680324849  
Option 1 ID : 6306801263794  
Option 2 ID : 6306801263796  
Option 3 ID : 6306801263793  
Option 4 ID : 6306801263795  
Status : Answered  
Chosen Option : 3