

DFCCIL Executive Operating Station Master & Controller (10-11-2018)



Participant ID	
Participant Name	
Test Center Name	
Test Date	10/11/2018
Test Time	4:30 PM - 6:30 PM
Subject	Executive Operating (Station Master & Controller)

Section : General Knowledge

Q.1 Which international financial institution has approved a USD \$25 million loan for infrastructure projects in Madhya Pradesh?

- Ans** ☒ 1. New Development Bank
☒ 2. International Monetary Fund
☒ 3. Asian Development Bank
☒ 4. World Bank

Question ID : **2391305009**

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.2 What is the total number of medals won by India at the Asian Games, 2018?

- Ans** ☒ 1. 79
☒ 2. 59
☒ 3. 69
☒ 4. 49

Question ID : **2391305006**

Status : **Answered**

Chosen Option : 3

Q.3 Who wrote the famous book 'A House for Mr Biswas'?

- Ans** ☒ 1. V S Naipaul
☒ 2. Vikram Seth
☒ 3. Arundhati Roy
☒ 4. Arvind Adiga

Question ID : **2391305002**

Status : **Answered**

Chosen Option : 1

Q.4 Which state in India is the largest producer of diamonds?

- Ans** ☒ 1. Odisha
☒ 2. Chhattisgarh
☒ 3. Jharkhand
☒ 4. Madhya Pradesh

Question ID : **2391305000**

Status : **Answered**

Chosen Option : 4

Q.5 Who among the following won the 2018 US Open Men's Singles Championship?

- Ans** ☒ 1. Juan Martin del Potro
☒ 2. Novak Djokovic
☒ 3. Andy Murray

Question ID : **2391305011**

Status : **Answered**

Chosen Option : 2

✗ 4. Roger Federer

Q.6 A member of _____ is elected for a period of _____.

- Ans
- ✗ 1. the Rajya Sabha; 5 years
 - ✓ 2. the Rajya Sabha; 6 years
 - ✗ 3. the Lok Sabha; 3 years
 - ✗ 4. the Lok Sabha; 4 years

Question ID : 2391305004

Status : Answered

Chosen Option : 2

Q.7 Which Indian player holds the world record for the most capped cricketer in the women's ODI?

- Ans
- ✗ 1. Jhulan Goswami
 - ✓ 2. Mithali Raj
 - ✗ 3. Harmanpreet Kaur
 - ✗ 4. Shikha Pandey

Question ID : 2391305005

Status : Answered

Chosen Option : 1

Q.8 Which of the following Articles deals with protection of interests of minorities?

- Ans
- ✗ 1. Article 42
 - ✓ 2. Article 29
 - ✗ 3. Article 18
 - ✗ 4. Article 24

Question ID : 2391305003

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.9 In which one of the following cities did the British East India Company set up its first factory?

- Ans
- ✗ 1. Cochin
 - ✗ 2. Kolkata
 - ✗ 3. Calicut
 - ✓ 4. Surat

Question ID : 2391305001

Status : Answered

Chosen Option : 4

Q.10 Name the indigenously built patrol vessel commissioned by the Indian Coast Guard in September 2018?

- Ans
- ✗ 1. ICGS Vikram
 - ✗ 2. ICGS Samrat
 - ✓ 3. ICGS Vijaya
 - ✗ 4. ICGS Samarth

Question ID : 2391305008

Status : Not Answered

Chosen Option : --

Q.11 In humans, the sound is produced by the _____.

- Ans
- ✗ 1. epiglottis
 - ✓ 2. larynx
 - ✗ 3. trachea
 - ✗ 4. vallecula

Question ID : 2391305010

Status : Answered

Chosen Option : 2

Q.12 Who has been renominated as Chairman of the Ethics Committee of Lok Sabha by the Speaker?

- Ans
- ✗ 1. Nitin Gadkari
 - ✗ 2. Shanta Kumar
 - ✗ 3. Murli Manohar Joshi
 - ✓ 4. Lal Krishna Advani

Question ID : 2391305007

Status : Not Answered

Chosen Option : --

Section : Logical reasoning

Q.1 Consider the given statement and decide which of the given assumptions is (are) implicit.

Statement:

"Successful people are happy in life."

Assumptions

I. Those that are unhappy are not successful.

II. Most of the times success in one's endeavours gives happiness.

Question ID : 2391305021

Status : Answered

Chosen Option : 2

- Ans**
- ☒ 1. Only assumption I is implicit.
 - ☒ 2. Only assumption II is implicit.
 - ☒ 3. Both assumptions are NOT implicit.
 - ☒ 4. Both assumptions are implicit.

Q.2 71 countries participated in the Common Wealth Games. Mauritius ranked 38th from the bottom. What is its rank from the top?

- Ans**
- ☒ 1. 33rd
 - ☒ 2. 35th
 - ☒ 3. 36th
 - ☒ 4. 34th

Question ID : 2391305019

Status : Answered

Chosen Option : 4

Q.3 Select the one which is different from the other three responses.

- Ans**
- ☒ 1. 69
 - ☒ 2. 115
 - ☒ 3. 47
 - ☒ 4. 138

Question ID : 2391305012

Status : Answered

Chosen Option : 3

Q.4 Select the option that is related to the third term in the same way as the second term is related to the first term.

BEFC : EDBF :: VYZW : ?

- Ans**
- ☒ 1. XYVZ
 - ☒ 2. YXVZ
 - ☒ 3. VYXZ
 - ☒ 4. YXZV

Question ID : 2391305023

Status : Answered

Chosen Option : 2

Q.5 Which one set of letters when sequentially placed at the gaps in the given letter series will complete it?

k _ m _ l m _ k m _ k l n _

- Ans**
- ☒ 1. l n n n k
 - ☒ 2. l m n n k
 - ☒ 3. l m n n m
 - ☒ 4. l n n n m

Question ID : 2391305013

Status : Answered

Chosen Option : 1

Q.6 Given below are two statements. Consider these statements to be true even if they seem factually absurd. Read the conclusions and then decide which of the given conclusions logically follow(s) from the given statements?

Statements:

- 1. All vases are flowers.
- 2. No flower is a plant.

Conclusions:

- I. No vase is a plant.
- II. Some plants are vases.

- Ans**
- ☒ 1. Only conclusion I follows.
 - ☒ 2. Both the conclusions follow.

Question ID : 2391305015

Status : Answered

Chosen Option : 1

☒ 3. Only conclusion II follows.

☒ 4. Neither conclusion follows.

Q.7 If the letters of the word 'FACETIOUS' are arranged alphabetically then which letter would be the third letter from the last?

- Ans**
- ☒ 1. O
 - ☒ 2. S
 - ☒ 3. T
 - ☒ 4. U

Question ID : 2391305020

Status : Answered

Chosen Option : 2

Q.8 Consider the given question and decide which of the following statements is/are sufficient to answer the question.
Who is the youngest among Reema, Usha and Naina?

Statements:

1. Veena is younger than Usha but older than Reema.
2. Reema's younger sister was born in the same year as Naina.

- Ans**
- ☒ 1. Both statements are not needed.
 - ☒ 2. Both statements together are sufficient.
 - ☒ 3. Statement 1 alone is sufficient.
 - ☒ 4. Statement 2 alone is sufficient.

Question ID : 2391305018

Status : Answered

Chosen Option : 2

Q.9 From the given alternatives, select the word which cannot be formed using the letters of the given word.

PROSPERITY

- Ans**
- ☒ 1. PROPERTY
 - ☒ 2. TOPPERS
 - ☒ 3. REPORTS
 - ☒ 4. PRIESTS

Question ID : 2391305016

Status : Answered

Chosen Option : 4

Q.10 Varun leaves his house and moves 30 km in northwest direction and then 30 km in southwest direction. Next, he moves 30 km in southeast direction. Then he turns towards his home. In which direction is he moving?

- Ans**
- ☒ 1. Northeast
 - ☒ 2. Northwest
 - ☒ 3. Southwest
 - ☒ 4. Southeast

Question ID : 2391305017

Status : Answered

Chosen Option : 1

Q.11 Which of the options depicts the correct mirror image of the following figure.

qua29ty

- Ans**
- ☒ 1. puas2etY
 - ☒ 2. Yt9e2suq
 - ☒ 3. Yt9e2suq
 - ☒ 4. yt9e2suq

Question ID : 2391305022

Status : Answered

Chosen Option : 2

Q.12 In a row of students, Madhur is 8th from the right and Sukam is 8th from the left. When Madhur and Sukam interchange their positions, Sukam becomes 16th from the left. How many boys are there in the row?

- Ans**
- ☒ 1. 20
 - ☒ 2. 25
 - ☒ 3. 16
 - ☒ 4. 23

Question ID : 2391305014

Status : Answered

Chosen Option : 4

Section : Arithmetic Ability

Q.1 If A is 40 % more than B, C is 30 % less than D and D is 25 % less than A, then which of the following is true?

- Ans
- ☒ 1. $21B = 20C$
 - ☒ 2. $200B = 147C$
 - ☒ 3. $20B = 21C$
 - ☒ 4. $147B = 200C$

Question ID : 2391305031

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.2 If $\frac{\sqrt{3}-1}{\sqrt{3}+1} - \frac{5+2\sqrt{3}}{7+4\sqrt{3}} = a + b\sqrt{3}$, then the value of $(a + b)$ is:

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

Question ID : 2391305026

Status : Answered

Chosen Option : 4

Q.3 Seven times a two-digit number is equal to four times the numbers obtained by reversing the order of its digits. If the difference between the digits of the given two digit number is 3, then the sum of digits of the number is:

- Ans
- ☒ 1. 10
 - ☒ 2. 9
 - ☒ 3. 12
 - ☒ 4. 11

Question ID : 2391305027

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.4 A can complete a piece of work in 15 days working 8 hours a day. B can complete the same work in 8 days working 10 hours a day. If A and B work together, working 6 hour a day, then the work will be completed in:

- Ans
- ☒ 1. 12 days
 - ☒ 2. 6 days
 - ☒ 3. 9 days
 - ☒ 4. 8 days

Question ID : 2391305047

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.5 Two pipes A and B can fill an empty tank in 10 hours and 40 hours, respectively. If both the pipes are opened then it takes 1 hour, 20 minutes more to fill the tank, due to a leakage at the bottom. If the tank is full, how long will leakage alone take to empty it?

- Ans
- ☒ 1. 28 hours
 - ☒ 2. 27 hours
 - ☒ 3. 56 hours
 - ☒ 4. 54 hours

Question ID : 2391305045

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.6 The value of $\frac{5.5 - [3 - 0.125 \{7 - 1.2 + (3.5 - 1.5)\}]}{1.25 - [1 + \{3 + (2 - 0.4 \times 2.5)\}]}$ lies between:

- Ans
- ☒ 1. 3.6 and 3.8
 - ☒ 2. 3.2 and 3.4
 - ☒ 3. 3.4 and 3.6
 - ☒ 4. 3 and 3.2

Question ID : 2391305025

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.7 A person makes a profit of 20 % after giving 20 % discount on the marked price of an article. The marked price is what percent above the cost price of the article?

- Ans
- ☒ 1. 45
 - ☒ 2. 50
 - ☒ 3. 40

Question ID : 2391305033

Status : Answered

Chosen Option : 2

☒ 4. 60

Q.8 Let x be the least number which when divided by 15, 20, 25, 30 and 40, the remainders are 11, 16, 21, 26 and 36 respectively. When x is divided by the sum $(15 + 20 + 25 + 30 + 40)$, then the remainder is:

- Ans ☒ 1. 71
☒ 2. 81
☒ 3. 76
☒ 4. 86

Question ID : 2391305030

Status : Not Answered

Chosen Option : --

Q.9 In determining the HCF of two numbers by the method of long division, the last divisor is 63 and the successive quotients from the beginning to the end are 1, 3, 1 and 5, respectively. The sum of the two numbers is:

- Ans ☒ 1. 3,402
☒ 2. 3,276
☒ 3. 3,150
☒ 4. 3,213

Question ID : 2391305029

Status : Not Answered

Chosen Option : --

Q.10 In a 90 litre solution, acid and water are in the ratio 2 : 1. To make the ratio of acid and water as 1 : 2, how many litre of water should be added to the solution?

- Ans ☒ 1. 80
☒ 2. 75
☒ 3. 90
☒ 4. 120

Question ID : 2391305041

Status : Answered

Chosen Option : 3

Q.11 A is twice as fast as B and B is thrice as fast as C. All three together, with the help of D, finish a piece of work in 2 days. D alone takes 12 days to complete the same work. B and C start the work and leave after 2 days. Remaining work will be finished by A in:

- Ans ☒ 1. $2\frac{1}{3}$ days
☒ 2. 1 day
☒ 3. $2\frac{2}{3}$ days
☒ 4. 2 days

Question ID : 2391305046

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.12 A shopkeeper marks his goods 10 % above the cost price. He sells 40 % of goods at the marked price and the remaining at a discount of 20 %. What is his profit or loss on the whole?

- Ans ☒ 1. Loss 3.2 %
☒ 2. Profit 3.4 %
☒ 3. Profit 3.4 %
☒ 4. Loss 3.4 %

Question ID : 2391305034

Status : Answered

Chosen Option : 1

Q.13 From a group of 12 men, if the two men of age 28 years and 32 years are replaced by two women, wherein both of them are of the same age. As a result, the average age of the group decreases by one year. What is the age of these women?

- Ans ☒ 1. 24 years
☒ 2. 25 years
☒ 3. 24.5 years
☒ 4. 25.5 years

Question ID : 2391305038

Status : Answered

Chosen Option : 1

Q.14 The area of a triangular field with equal sides is equal to $3\sqrt{5}$ times the area of another triangular park whose sides are 50 m, 80 m and 120 m. what will be the cost of putting the fence around the field at the rate of ₹ 105 per metre?

- Ans ☒ 1. ₹ 46,830
☒ 2. ₹ 47,460

Question ID : 2391305042

Status : Not Attempted and Marked For Review

Chosen Option : --

✓ 3. ₹ 47,250

✗ 4. ₹ 46,935

Q.15 If $(2x + 3y) : (3x + 5y) = 18 : 29$, then $(4x^2 + 3y^2) : (3x^2 - y^2) = ?$

Ans ✗ 1. 36 : 59

✗ 2. 23 : 18

✗ 3. 27 : 58

✓ 4. 84 : 11

Question ID : 2391305040

Status : Not Answered

Chosen Option : --

Q.16 The value of $\frac{2\frac{1}{3} \times \frac{3}{14} \text{ of } 5\frac{1}{2} \div 16\frac{1}{2}}{16\frac{1}{2} \div 5\frac{1}{2} - \frac{3}{14} \text{ of } 2\frac{1}{3}} \div \frac{1\frac{1}{2} - \frac{1}{2} \times \frac{1}{2}}{\frac{1}{2} + \frac{1}{2} \text{ of } \frac{1}{2}}$ is:

Ans ✗ 1. 5

✗ 2. 15

✓ 3. $\frac{1}{5}$

✗ 4. $\frac{1}{15}$

Question ID : 2391305024

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.17 The sale of an item increases by 20 % every week. If the difference between the sold quantity of the fourth week and the second week is 792, then the sold quantity for the third week is:

Ans ✗ 1. 2,180

✓ 2. 2,160

✗ 3. 2,060

✗ 4. 2,040

Question ID : 2391305032

Status : Answered

Chosen Option : 2

Q.18 A certain sum amounts to ₹ 73,205 in 4 years at 10 % p.a., interest being compounded yearly. What will be the simple interest on that sum for the same period and at the same rate?

Ans ✓ 1. ₹ 20,000

✗ 2. ₹ 19,600

✗ 3. ₹ 19,500

✗ 4. ₹ 18,800

Question ID : 2391305035

Status : Answered

Chosen Option : 1

Q.19 A fraction becomes $\frac{7}{8}$, if 5 is added to both the numerator and the denominator but when 3 is added to both the numerator and the denominator, it becomes $\frac{6}{7}$. The sum of numerator and the denominator is:

Ans ✗ 1. 18

✗ 2. 21

✗ 3. 17

✓ 4. 20

Question ID : 2391305028

Status : Not Answered

Chosen Option : --

Q.20 Walking $\frac{3}{4}$ of his usual speed, Raghu is 45 minutes late to his office. What is his usual time to cover the distance to the office?

Ans ✓ 1. $2\frac{1}{4}$ hours

✗ 2. 1 hour

✗ 3. 2 hours

Question ID : 2391305043

Status : Not Answered

Chosen Option : --

☒ 4. $1\frac{1}{2}$ hours

Q.21 There are three numbers. When the average of any two is added to the third number, the resulting numbers are 104, 111 and 115. What is the average of the given three numbers?

- Ans**
- ☒ 1. 55.5
 - ☒ 2. 55
 - ☒ 3. 53.5
 - ☒ 4. 53

Question ID : 2391305037

Status : **Not Answered**

Chosen Option : --

Q.22 Rekha borrowed a sum of ₹ 24,000 at 12 % p.a. compound interest, interest compounded yearly, for 3 years. At the end of first year, she repays a sum of ₹ 6,880 and at the end of second year, she repays ₹ 5,400. What amount should she pay at the end of third year to discharge the loan?

- Ans**
- ☒ 1. ₹ 19,180
 - ☒ 2. ₹ 18,860
 - ☒ 3. ₹ 19,040
 - ☒ 4. ₹ 19,000

Question ID : 2391305036

Status : **Not Answered**

Chosen Option : --

Q.23 A train passes a pole in 15 seconds and a platform of length 350 m in 40 seconds. The length of the train is:

- Ans**
- ☒ 1. 200 m
 - ☒ 2. 210 m
 - ☒ 3. 180 m
 - ☒ 4. 240 m

Question ID : 2391305044

Status : **Answered**

Chosen Option : 2

Q.24 Three persons A, B and C spend 80 %, 85 % and 75 % of their salaries and the sum of their salaries is ₹ 72,000 and their savings are in the ratio 8 : 9 : 20, then salary of A is:

- Ans**
- ☒ 1. ₹ 16,000
 - ☒ 2. ₹ 32,000
 - ☒ 3. ₹ 40,000
 - ☒ 4. ₹ 24,000

Question ID : 2391305039

Status : **Not Answered**

Chosen Option : --

Section : General Science

Q.1 Bee-keeping is also called as:

- Ans**
- ☒ 1. sericulture
 - ☒ 2. pisciculture
 - ☒ 3. apiculture
 - ☒ 4. aquaculture

Question ID : 2391305063

Status : **Answered**

Chosen Option : 3

Q.2 The common unit of measuring volume is litre (L), such that 1 L is equal to:

- Ans**
- ☒ 1. 1 m^3
 - ☒ 2. 1 cm^3
 - ☒ 3. 1 mm^3
 - ☒ 4. 1 dm^3

Question ID : 2391305048

Status : **Answered**

Chosen Option : 1

Q.3 Which of the following plant tissues is a living tissue?

Ans

Question ID : 2391305053

Status : **Answered**

- ☒ 1. Sclerenchyma
- ☒ 2. Tracheids
- ☒ 3. Phloem fibres
- ☒ 4. Parenchyma

Chosen Option : 3

Q.4 The process of improving the nutritional quality of food crops is termed as:

- Ans**
- ☒ 1. bio-remediation
 - ☒ 2. biofortification
 - ☒ 3. bio-magnification
 - ☒ 4. phyto-remediation

Question ID : 2391305062

Status : Not Answered

Chosen Option : --

Q.5 In hydropower plants, which energy of water is utilised to generate electricity?

- Ans**
- ☒ 1. Kinetic energy
 - ☒ 2. Thermal energy
 - ☒ 3. Potential energy
 - ☒ 4. Chemical energy

Question ID : 2391305064

Status : Answered

Chosen Option : 1

Q.6 Which of the following food-products used in daily life is NOT a carbon compound?

- Ans**
- ☒ 1. Mineral oil
 - ☒ 2. Ghee
 - ☒ 3. Table sugar
 - ☒ 4. Salt

Question ID : 2391305065

Status : Answered

Chosen Option : 4

Q.7 Which type of mirrors are used by dentists to see large images of patient's teeth?

- Ans**
- ☒ 1. Plane
 - ☒ 2. Convex
 - ☒ 3. Diverging
 - ☒ 4. Converging

Question ID : 2391305070

Status : Answered

Chosen Option : 4

Q.8 Which is the most abundant gas in the earth's atmosphere?

- Ans**
- ☒ 1. Carbon dioxide
 - ☒ 2. Oxygen
 - ☒ 3. Nitrogen
 - ☒ 4. Hydrogen

Question ID : 2391305049

Status : Answered

Chosen Option : 3

Q.9 What is the average velocity of a car that moved 80 km in 2 hours?

- Ans**
- ☒ 1. 10 km/h
 - ☒ 2. 20 km/h
 - ☒ 3. 30 km/h
 - ☒ 4. 40 km/h

Question ID : 2391305055

Status : Answered

Chosen Option : 4

Q.10 Which of the following elements is NOT present in baking powder?

Question ID : 2391305050

- Ans ☒ 1. Sodium
☒ 2. Nitrogen
☒ 3. Hydrogen
☒ 4. Oxygen

Status : **Answered**
 Chosen Option : 2

Q.11 The decrease in the power of accommodation of the eye with age is termed as:

- Ans ☒ 1. presbyopia
☒ 2. hypermetropia
☒ 3. myopia
☒ 4. astigmatism

Question ID : **2391305069**
 Status : **Answered**
 Chosen Option : 1

Q.12 Which of the following infectious agents causes malaria?

- Ans ☒ 1. Fungi
☒ 2. Bacteria
☒ 3. Protozoa
☒ 4. Virus

Question ID : **2391305058**
 Status : **Answered**
 Chosen Option : 3

Q.13 Which of the following is a biotic component of our biosphere?

- Ans ☒ 1. Sunlight
☒ 2. Air
☒ 3. Microbes
☒ 4. Soil

Question ID : **2391305060**
 Status : **Answered**
 Chosen Option : 4

Q.14 The alveoli in human beings are part of the system for _____.

- Ans ☒ 1. transportation
☒ 2. respiration
☒ 3. nutrition
☒ 4. excretion

Question ID : **2391305068**
 Status : **Answered**
 Chosen Option : 2

Q.15 The nuclei of which of the following elements does NOT have a neutron?

- Ans ☒ 1. Hydrogen (Protium)
☒ 2. Carbon
☒ 3. Oxygen
☒ 4. Nitrogen

Question ID : **2391305051**
 Status : **Answered**
 Chosen Option : 1

Q.16 The modern periodic table is based on which of the following properties of an element?

- Ans ☒ 1. Total subatomic particles
☒ 2. Atomic size
☒ 3. Atomic mass
☒ 4. Atomic number

Question ID : **2391305067**
 Status : **Answered**
 Chosen Option : 4

Q.17 The process of converting ammonia into nitrates is called:

Question ID : **2391305061**

- Ans ☒ 1. nitrogen-fixation
☒ 2. ammonification
☒ 3. denitrification
☒ 4. nitrification

Status : **Not Answered**
 Chosen Option : --

Q.18 Which of the following solutions is NOT acidic?

- Ans ☒ 1. Blood
☒ 2. Tap water
☒ 3. Vinegar
☒ 4. Lemon juice

Question ID : **2391305066**
 Status : **Answered**
 Chosen Option : 2

Q.19 Charles Darwin gave the idea of:

- Ans ☒ 1. biological classification
☒ 2. cell as a unit of life
☒ 3. gene
☒ 4. evolution

Question ID : **2391305054**
 Status : **Answered**
 Chosen Option : 4

Q.20 Which of the following of Newton's laws explains the recoiling of a gun when a bullet is fired?

- Ans ☒ 1. Law of gravitation
☒ 2. Third law of motion
☒ 3. First law of motion
☒ 4. Second law of motion

Question ID : **2391305056**
 Status : **Answered**
 Chosen Option : 2

Q.21 According to the law of gravitation:

- Ans ☒ 1.
 only the earth attracts the moon towards itself
☒ 2.
 the earth and the moon, both attract each other
☒ 3.
 only the moon attracts the earth towards itself
☒ 4. there is no force of attraction between them

Question ID : **2391305057**
 Status : **Answered**
 Chosen Option : 2

Q.22 Which of the following is absent in an animal cell?

- Ans ☒ 1. Cell membrane
☒ 2. Nucleus
☒ 3. Mitochondria
☒ 4. Cell wall

Question ID : **2391305052**
 Status : **Answered**
 Chosen Option : 4

Q.23 The human immunodeficiency virus (HIV) invades and damages the:

- Ans ☒ 1. immune system
☒ 2. digestive system
☒ 3. respiratory system

Question ID : **2391305059**
 Status : **Answered**
 Chosen Option : 1

☒ 4. nervous system

Q.24 Which of the following is an instrument for measuring electric current?

- Ans ☒ 1. Ammeter
☒ 2. Potentiometer
☒ 3. Voltmeter
☒ 4. Electric-meter

Question ID : 2391305071

Status : Answered

Chosen Option : 1

Section : History of Railways and DFCCIL

Q.1 What is the total route length of Indian Railways as of 31st March 2017?

- Ans ☒ 1. 57,368 km
☒ 2. 87,368 km
☒ 3. 77,368 km
☒ 4. 67,368 km

Question ID : 2391305075

Status : Answered

Chosen Option : 4

Q.2 Which is the longest distance running train of the Indian Railways?

- Ans ☒ 1. Navyug Express – Mangaluru to Jammu
☒ 2.
Himsagar Express – Jammu Tawi to Kanyakumari
☒ 3. Vivek Express – Dibrugarh to Kanyakumari
☒ 4.
Humsafar Express – Agartala to Bengaluru Cantonment

Question ID : 2391305080

Status : Answered

Chosen Option : 3

Q.3 Which of the following is the biggest revenue earning commodity through freight traffic for Indian Railways?

- Ans ☒ 1. Coal
☒ 2. Cement
☒ 3. Food grains
☒ 4. Fertiliser

Question ID : 2391305091

Status : Not Attempted and
Marked For Review

Chosen Option : --

Q.4 What is the proposed train load under Dedicated Freight Corridor?

- Ans ☒ 1. 12,000 tonnes
☒ 2. 13,000 tonnes
☒ 3. 11,000 tonnes
☒ 4. 10,000 tonnes

Question ID : 2391305094

Status : Answered

Chosen Option : 3

Q.5 In which city is the National Rail Museum situated?

- Ans ☒ 1. Patna
☒ 2. Bengaluru
☒ 3. Lucknow
☒ 4. New Delhi

Question ID : 2391305079

Status : Answered

Chosen Option : 4

Q.6 In which year was the computer reservation system started by the Indian Railways?

- Ans ☒ 1. 1995

Question ID : 2391305087

Status : Answered

- ☒ 2. 1989
- ☒ 3. 1986
- ☒ 4. 1992

Chosen Option : 4

Q.7 Which of the following is the longest railway bridge in India?

- Ans ☒ 1. Nehru Setu
- ☒ 2. Havelock Bridge
- ☒ 3. Vembanad Bridge
- ☒ 4. Godavari Arch Bridge

Question ID : 2391305093

Status : Answered

Chosen Option : 3

Q.8 Which of the following is NOT among the names of three railway engines that were used to draw the first passenger train in India?

- Ans ☒ 1. Sohana
- ☒ 2. Sultan
- ☒ 3. Sindh
- ☒ 4. Sahib

Question ID : 2391305081

Status : Answered

Chosen Option : 1

Q.9 Between which of the following sets of stations did the first passenger train run in India?

- Ans ☒ 1. Howrah and Asansol
- ☒ 2. Mumbai and Vadodara
- ☒ 3. Howrah and Chittaranjan
- ☒ 4. Mumbai and Thane

Question ID : 2391305076

Status : Answered

Chosen Option : 4

Q.10 How many railway stations are planned to be redeveloped by Indian Railway Station Development Corporation Ltd. as per the Rail Budget of 2018?

- Ans ☒ 1. 500
- ☒ 2. 700
- ☒ 3. 600
- ☒ 4. 400

Question ID : 2391305084

Status : Answered

Chosen Option : 4

Q.11 In September 2018, which country rolled out the world's first hydrogen-powered train? It is touted to be an eco-friendly train.

- Ans ☒ 1. China
- ☒ 2. United States of America
- ☒ 3. France
- ☒ 4. Germany

Question ID : 2391305085

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.12 Who is the chairman of the Dedicated Freight Corridor Corporation of India Limited (as of October 2018)?

- Ans ☒ 1. DS Rana
- ☒ 2. Anshuman Sharma
- ☒ 3. Ashwani Lohani
- ☒ 4. Naresh Salecha

Question ID : 2391305089

Status : Answered

Chosen Option : 3

Q.13 India's first high-speed electric locomotive with 12000 horsepower was built in April 2018. In which of the following railway factories was it built at?

- Ans ☒ 1. Madhepura
- ☒ 2. Varanasi
- ☒ 3. Patiala

Question ID : 2391305072

Status : Answered

Chosen Option : 1

☒ 4. Chittaranjan

Q.14 Which of the following railway stations has the highest number of railway platforms in India?

- Ans** ☒ 1. New Delhi
☒ 2. Howrah
☒ 3. Chhatrapati Shivaji Terminus, Mumbai
☒ 4. Chennai Central

Question ID : 2391305095

Status : **Answered**

Chosen Option : 2

Q.15 In which year was the first separate Railway Budget presented in India during the British period?

- Ans** ☒ 1. 1924
☒ 2. 1932
☒ 3. 1928
☒ 4. 1920

Question ID : 2391305082

Status : **Answered**

Chosen Option : 1

Q.16 Which of the following railway stations has the world's longest railway platform?

- Ans** ☒ 1. Gorakhpur
☒ 2. Bilaspur
☒ 3. Kharagpur
☒ 4. Coimbatore

Question ID : 2391305092

Status : **Answered**

Chosen Option : 1

Q.17 How many zones are there in Indian Railways, excluding Metro Rail?

- Ans** ☒ 1. 14
☒ 2. 12
☒ 3. 16
☒ 4. 10

Question ID : 2391305078

Status : **Answered**

Chosen Option : 3

Q.18 As of October 2018, who is the chairman of the Railway Board?

- Ans** ☒ 1. AK Mittal
☒ 2. SN Agrawal
☒ 3. Girish Pillai
☒ 4. Ashwani Lohani

Question ID : 2391305073

Status : **Answered**

Chosen Option : 4

Q.19 In which city is the Rail Wheel Factory of the Indian Railways situated?

- Ans** ☒ 1. Varanasi
☒ 2. Hyderabad
☒ 3. Bengaluru
☒ 4. Chennai

Question ID : 2391305077

Status : **Answered**

Chosen Option : 3

Q.20 What is the total number of railway stations in India as of 31st March 2017?

- Ans** ☒ 1. 9,349
☒ 2. 8,349
☒ 3. 10,349
☒ 4. 7,349

Question ID : 2391305074

Status : **Answered**

Chosen Option : 4

Q.21 What is the normal advance reservation period for booking accommodation in trains of Indian Railways as of October 2018?

- Ans**
- ☒ 1. 120 days
 - ☐ 2. 90 days
 - ☐ 3. 60 days
 - ☐ 4. 30 days

Question ID : **2391305083**
Status : **Answered**
Chosen Option : 1

Q.22 In which city is the National Academy of Indian Railways situated?

- Ans**
- ☒ 1. Vadodara
 - ☐ 2. Secunderabad
 - ☐ 3. Jamalpur
 - ☐ 4. Pune

Question ID : **2391305086**
Status : **Answered**
Chosen Option : 1

Q.23 Where is the Integral Coach Factory of Indian Railways situated?

- Ans**
- ☐ 1. Patiala
 - ☐ 2. Varanasi
 - ☐ 3. Bengaluru
 - ☒ 4. Chennai

Question ID : **2391305088**
Status : **Answered**
Chosen Option : 4

Q.24 How much freight revenue was earned by Indian Railways during the financial year 2017-18?

- Ans**
- ☐ 1. ₹ 1.32 lakh crore
 - ☐ 2. ₹ 1.22 lakh crore
 - ☒ 3. ₹ 1.17 lakh crore
 - ☐ 4. ₹ 1.27 lakh crore

Question ID : **2391305090**
Status : **Not Answered**
Chosen Option : --

Section : Economy & Marketing

Q.1 Which is the quadrant with the largest positive cash flow in the BCG matrix? It is this quadrant that typically services the other 3 quadrants.

- Ans**
- ☐ 1. Star Quadrant
 - ☒ 2. Cow Quadrant
 - ☐ 3. Dog Quadrant
 - ☐ 4. Question Mark Quadrant

Question ID : **2391305103**
Status : **Not Answered**
Chosen Option : --

Q.2 In digital marketing, the acronym CTR stands for:

- Ans**
- ☐ 1. Critical Timing Ratio
 - ☐ 2. Click- Through Revenue
 - ☒ 3. Click-Through Rate
 - ☐ 4. Cost To Recall

Question ID : **2391305104**
Status : **Not Answered**
Chosen Option : --

Q.3 How many types of consumer clusters are defined in the VALS framework, which divides consumers according to their buying motivation behavior?

- Ans**
- ☐ 1. 6
 - ☒ 2. 8
 - ☐ 3. 12

Question ID : **2391305098**
Status : **Answered**
Chosen Option : 2

✗ 4. 4

Q.4 Which of these is an example of a G2C marketing drive?

Ans ✓ 1.

Sale of government bonds to the general public

✗ 2. Donald Trump meeting Kim Jong-un

✗ 3.

The decision of Brexit by the British Government

✗ 4.

Demonetisation drive by the Government of India

Question ID : 2391305099

Status : Not Answered

Chosen Option : --

Q.5 Which of these companies uses the tagline 'Think Different'?

Ans ✓ 1. Apple

✗ 2. Amazon

✗ 3. Facebook

✗ 4. Google

Question ID : 2391305101

Status : Answered

Chosen Option : 1

Q.6 Name the branding practice wherein several related products with the same brand name are advertised using the same advertisement.

Ans ✓ 1. Umbrella Branding

✗ 2. Ingredient Branding

✗ 3. Salience Branding

✗ 4. Co-Branding

Question ID : 2391305105

Status : Answered

Chosen Option : 1

Q.7 In pricing, one new emerging model is Outcome Based Pricing Model. When pricing is done for the IT industry, which of these will represent Outcome Based Pricing?

Ans ✗ 1. Availability of resources for testing

✗ 2. The number of billable hours

✗ 3.

The number of persons deployed for the project

✓ 4. Increase in profitability for the client

Question ID : 2391305100

Status : Not Answered

Chosen Option : --

Q.8 In the advertisement communication of which of these product categories would the usage of 'Nostalgia' [sentimental and wistful thinking of the past] work effectively?

Ans ✗ 1. Curtain, bedsheet, pillow cover etc.

✓ 2. Pickle, chyawanprash, chilli powder etc.

✗ 3. Television, refrigerator, air conditioner etc.

✗ 4. Laptop, smartphone, e-reader etc.

Question ID : 2391305097

Status : Answered

Chosen Option : 2

Q.9 Ariel, Tide and Gain are the detergent powders belonging to which major detergent company?

Ans ✓ 1. Procter & Gamble

✗ 2. Reckitt Benckiser

✗ 3. Unilever

✗ 4. Henkel AG

Question ID : 2391305106

Status : Answered

Chosen Option : 1

Q.10

The generic 'Value Chain Model' of dividing firm's activities into primary and secondary activities was proposed by which of these marketing / management thinkers?

- Ans ☒ 1. Michael Porter
☒ 2. Peter Drucker
☒ 3. Philip Kotler
☒ 4. CK Prahalad

Question ID : 2391305096

Status : **Not Answered**

Chosen Option : --

Q.11 In the social media space, which of these platforms is primarily focused on dissemination of images and small GIFs (Graphic Interchange Formats)?

- Ans ☒ 1. Pinterest
☒ 2. Twitter
☒ 3. Tumblr
☒ 4. Facebook

Question ID : 2391305102

Status : **Answered**

Chosen Option : 3

Q.12 One of the following terms (check options) also means 'a small text file which is stored in the user's computer for recognition of user preferences'. Identify that term.

- Ans ☒ 1. Smoothie
☒ 2. Choco
☒ 3. Cookie
☒ 4. Toffee

Question ID : 2391305107

Status : **Answered**

Chosen Option : 3

Section : Customer Relations

Q.1 The process of introducing a gaming ambience to increase customer involvement and thereby sale is known by what name? It is an online marketing technique today.

- Ans ☒ 1. Gamification
☒ 2. Games People Play
☒ 3. Game Theory
☒ 4. Gamesell

Question ID : 2391305111

Status : **Not Attempted and Marked For Review**

Chosen Option : --

Q.2 In CRM database management, both Factor Analysis and Cluster Analysis are which type of techniques?

- Ans ☒ 1. Data Reduction Techniques
☒ 2. Data Visualization Techniques
☒ 3. Data Generalization Techniques
☒ 4. Data Transmission Techniques

Question ID : 2391305114

Status : **Answered**

Chosen Option : 2

Q.3 In a CRM database, a set of information stored in a row of the database and pertaining to one customer is called:

- Ans ☒ 1. Cluster
☒ 2. Record
☒ 3. Factor
☒ 4. Flow

Question ID : 2391305113

Status : **Answered**

Chosen Option : 2

Q.4 In a CRM system, if the hypothetical retention rate is 1.0, then the survival rate at the end of the 3rd year is:

- Ans ☒ 1. 0.0
☒ 2. 0.25
☒ 3. 1.0
☒ 4. 0.5

Question ID : 2391305116

Status : **Not Answered**

Chosen Option : --

The value that is obtained from a customer's positive word of mouth through which one can get additional customers is called:

Q.5

- Ans
- ☒ 1. Customer Frequency Value
 - ☒ 2. Customer Life Time Value
 - ☒ 3. Customer Click Through Value
 - ☒ 4. Customer Referral Value

Question ID : 2391305110

Status : Answered

Chosen Option : 4

Q.6 The Dendrogram tool is a tool used in CRM in conjunction with which of these methodologies?

- Ans
- ☒ 1. Discriminant Analysis
 - ☒ 2. Cluster Analysis
 - ☒ 3. Regression
 - ☒ 4. Pareto Analysis

Question ID : 2391305115

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.7 What is the name of the data visualization tool that depicts a logical arrangement of keywords within a textual content? The size of each word in the depiction usually indicates the frequency or importance of the word.

- Ans
- ☒ 1. Heat Map
 - ☒ 2. Meta Tag
 - ☒ 3. Dendrogram
 - ☒ 4. Word Cloud

Question ID : 2391305119

Status : Answered

Chosen Option : 4

Q.8 The 'Balanced Scorecard', a Strategic Planning and Management System, was developed by two management gurus. One of them is a famous professor from Harvard Business School. Name the professor.

- Ans
- ☒ 1. Robert Kaplan
 - ☒ 2. Srikant Datar
 - ☒ 3. Michael Porter
 - ☒ 4. Clayton M. Christensen

Question ID : 2391305109

Status : Not Answered

Chosen Option : --

Q.9 In a typical Sales Funnel, which of these segments would be the largest segment?

- Ans
- ☒ 1. People who have interest in purchasing
 - ☒ 2. People who have acted upon their purchase decision
 - ☒ 3. People who have decided to purchase
 - ☒ 4. People who are aware of the product

Question ID : 2391305117

Status : Answered

Chosen Option : 2

Q.10 In case of CRM, what does RF stand for in RFM model?

- Ans
- ☒ 1. Recency Frequency
 - ☒ 2. Right Field
 - ☒ 3. Radio Frequency
 - ☒ 4. Recent Financials

Question ID : 2391305108

Status : Not Attempted and Marked For Review

Chosen Option : --

Q.11 Name the Founder Chairman of one of the world's largest CRM companies, 'Salesforce.com'.

- Ans
- ☒ 1. Jeff Bezos
 - ☒ 2. Marc Benioff
 - ☒ 3. Larry Page

Question ID : 2391305118

Status : Answered

Chosen Option : 1

✗ 4. Elon Musk

Q.12 In the context of CRM, what does the abbreviation SFA stand for?

- Ans
- ✗ 1. Sales Field Allocation
 - ✗ 2. Sales Field Audit
 - ✗ 3. Sales Frontend Audit
 - ✓ 4. Sales Force Automation

Question ID : 2391305112

Status : Not Answered

Chosen Option : --



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