RAILWAY RECRUITMENT BOARDS
रेलवे भर्ती बोर्ड

RRB NTPC 18th April 2016 Shift 1

Roll No:	
Participants Name:	
Test Center Name:	Chhatrapati Shivaji Institute Of Technology
Test Date:	18/04/2016
Test Time:	9:00 AM - 10:30 AM
Subject:	RRB NTPC Graduate

1. Options shown in green color with a tick icon are correct

2. Chosen option on top right of the question indicates the option selected by the candidate

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Q.1 Which is India's first defense satellite?

A. INSAT 2B

B. GSAT-7

C. GSAT 6

D. IRS-1A

Question ID : **9888372302**

Status : **Not Attempted**

Chosen Option : **--**

Ans   ✗ 1. D

✗ 2. C

✔ 3. B

✗ 4. A

Q.2 Below are given statements followed by two conclusions I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts.

Statements: A: All mothers are aunts.

B: All aunts are ladies.

Conclusions: I. All ladies are mothers.

II. All ladies are aunts.

Decide which of the below options logically follows the given Statement.

A. Only conclusion I follows
B. Only conclusion II follows
C. Both conclusion I and II follows
D. Neither conclusion I nor II follows

Ans ✗ 1. C

✗ 2. B

✗ 3. A

✔ 4. D

Q.3 Which of the following ratio is greatest?

A. 7:15

B. 15:23

C. 17:25

D. 21:29

Ans ✗ 1. C

✗ 2. B

✗ 3. A

✔ 4. D

Q.4 Choose the one which is odd from the following options.

A. Coffee

B. Rice

C. Tobacco

D. Sugarcane

Ans ✗ 1. D

✔ 2. B

✗ 3. A

✗ 4. C

Q.5 The passenger reservation system of the Indian Railways is designed by

A. TCS
B. CRIS
C. Google
D. CMS

Ans ✗ 1. D

✗ 2. A

✗ 3. C

✔ 4. B

Question ID : **9888372268**

Status : **Answered**

Chosen Option : **4**

Q.6 What is the chemical name given of chalk?

A. Calcium Sulphate
B. Calcium Nitrate
C. Calcium Carbonate
D. Calcium Phosphide

Ans ✔ 1. C

✗ 2. A

✗ 3. D

✗ 4. B

Question ID : **9888372290**

Status : **Answered**

Chosen Option : **1**

Q.7 What is the name of the book in Harry Potter series written by Jack Thorne to be published in mid-2016?

A. Harry Potter and the Cursed Child
B. Harry Potter and the Deathly Hallows.
C. Fantastic Beasts and Where to Find Them
D. The Tales of Beedle the Bard.

Ans ✗ 1. B

✔ 2. A

✗ 3. D

Question ID : **9888372284**

Status : **Answered**

Chosen Option : **4**

✗ 4. C

Q.8 If $3.5x = 0.07y$, then find the result of $[y-x / y+x]$

    A. 51/49

    B. 49/53

    C. 49/51

    D. 53/57

Question ID : **9888372324**

Status : **Answered**

Chosen Option : **2**

Ans ✗ 1. B

    ✓ 2. C

    ✗ 3. D

    ✗ 4. A

Q.9 Article 29 of the Constitution of India grants which of the following rights?

    A. Protection in respect of conviction for offences

    B. Traffic in human beings prohibited

    C. Protection of interests of minorities

    D. Prohibits taxes on religious grounds

Question ID : **9888372282**

Status : **Not Attempted**

Chosen Option : **--**

Ans ✓ 1. C

    ✗ 2. B

    ✗ 3. D

    ✗ 4. A

Q.10 Find 150% of X, if X is the least number which when divided by 6, 7, 8, 9 and 12 leaves remainders 2, 3, 4, 5 and 8 respectively.

    A. 750

    B. 500

    C. 1000

    D. 1200

Question ID : **9888372311**

Status : **Answered**

Chosen Option : **3**

Ans ✗ 1. B

    ✗ 2. D

    ✓ 3. A

    ✗ 4. C

Q.11 For real a, b and c if $a^2+b^2+c^2 = ab+bc+ca$, then find the value of $(a+b+c)^2$

    A. $9a^2$
    B. $81a^2$
    C. $27a^2$
    D. $243a^2$

Ans
  ✗ 1. C

  ✗ 2. D

  ✔ 3. A

  ✗ 4. B

Q.12 MATHEMATICS is related to NUMBERS in the same way HISTORY is related to _____

    A. EVENTS
    B. PEOPLE
    C. WARS
    D. DATES

Ans
  ✔ 1. A

  ✗ 2. D

  ✗ 3. C

  ✗ 4. B

Q.13 In which year was Facebook started?

    A. 2002

    B. 2004

    C. 2008

    D. 2009

Ans
  ✗ 1. C

  ✗ 2. A

  ✔ 3. B

  ✗ 4. D

Q.14 What is the chemical formula of Ozone?

A. O

B. O_2

C. O_3

D. O_4

Ans ✗ 1. B

✗ 2. A

✗ 3. D

✓ 4. C

Question ID : **9888372281**

Status : **Answered**

Chosen Option : **4**

Q.15 An Assertion (A) and a Reason (R) are given below.

Assertion (A): Earthworms are not good for agriculture.

Reason (R): Earthworms break down the soil into fine particles and make it soft.

Choose the correct option.

A. A is true but R is false.
B. A is false but R is true.
C. Both A and R are true and R is the correct explanation of A.
D. Both A and R are false

Ans ✓ 1. B

✗ 2. A

✗ 3. C

✗ 4. D

Question ID : **9888372368**

Status : **Answered**

Chosen Option : **1**

Q.16 What is the sound made by seal called?

A. Bark

B. Moo

C. Screech

D. Growl

Ans ✓ 1. A

Question ID : **9888372292**

Status : **Answered**

Chosen Option : **3**

✗ 2. D

✗ 3. B

✗ 4. C

Q.17 Based on the analogy given, find the missing number from the given options.

7528 : 5362 : : 4673 : ?

A. 2351
B. 2541
C. 2451
D. 2531

Question ID : **9888372350**	
Status : **Answered**	
Chosen Option : **2**	

Ans ✗ 1. D

✔ 2. C

✗ 3. B

✗ 4. A

Q.18 If STUDENT is coded as 103, what is the code for SCHOOL?

A. 72
B. 27
C. 37
D. 73

Question ID : **9888372338**	
Status : **Answered**	
Chosen Option : **1**	

Ans ✔ 1. A

✗ 2. D

✗ 3. C

✗ 4. B

Q.19 If 'P' means 'divided by', 'T' means 'add', 'M' means 'subtract' and 'D' means 'multiplied by', then what will be the value of the following expression?

12 M 12 D 28 P 7 T 15

A. −21
B. 15
C. 30
D. −15

Question ID : **9888372342**	
Status : **Answered**	
Chosen Option : **4**	

Ans ✗ 1. D

✗ 2. C

✗ 3. B

✓ 4. A

Q.20 Who was the dentist who killed Cecil-the Lion in 2015?

A. John Walker

B. Gary Crow

C. Walter Palmer

D. Rupert Watson

Question ID : **9888372285**

Status : **Not Attempted**

Chosen Option : --

Ans ✗ 1. D

✗ 2. B

✗ 3. A

✓ 4. C

Q.21 The energy which we get from food is measured in

A. Calories

B. Kelvin

C. Fat

D. Amperes

Question ID : **9888372305**

Status : **Answered**

Chosen Option : **4**

Ans ✗ 1. D

✗ 2. C

✗ 3. B

✓ 4. A

Q.22 How many litres of blood does an adult body have?

A. 3

B. 4

C. 5

D. 6

Question ID : **9888372306**

Status : **Answered**

Chosen Option : **4**

Ans ✗ 1. D

✗ 2. A

✗ 3. B

✓ 4. C

Q.23 Who is known as the Father of video games?

    A. Karl Benz

    B. Emile Berliner

    C. Rudolf Diesel

    D. Ralph H. Baer

Question ID : **9888372296**

Status : **Answered**

Chosen Option : **4**

Ans ✗ 1. C

✗ 2. A

✗ 3. B

✓ 4. D

Q.24 If Sunita earns 75/4% more than her boyfriend, find the approximate % her boyfriend earns less than Sunita.

    A. 16%

    B. 14%

    C. 25%

    D. 11%

Question ID : **9888372322**

Status : **Answered**

Chosen Option : **1**

Ans ✓ 1. A

✗ 2. B

✗ 3. C

✗ 4. D

Q.25 If the angles of a triangle are in the ratio of 2:3:7, then find the ratio of the greatest angle to the smallest angle.

    A. 7:2

    B. 2:3

    C. 7:1

    D. 3:5

Question ID : **9888372328**

Status : **Answered**

Chosen Option : **2**

Ans ✗ 1. C

✓ 2. A

✗ 3. B

✗ 4. D

Q.26 Which wood is used to make a cricket bat?

Question ID : **9888372278**

Status : **Answered**

Chosen Option : **1**

A. Teak

B. Willow

C. Bamboo

D. Rosewood

Ans ✓ 1. B

✗ 2. A

✗ 3. D

✗ 4. C

Q.27 What of the given below devices converts chemical energy to electrical energy?

Question ID : **9888372288**

Status : **Answered**

Chosen Option : **2**

A. Transformer

B. Battery

C. Electric Generator

D. Wheel

Ans ✗ 1. C

✓ 2. B

✗ 3. A

✗ 4. D

Q.28 An angle is $30°$ more than one half of its complement. Find difference between the greater and the smaller angles.

Question ID : **9888372327**

Status : **Answered**

Chosen Option : **4**

A. $10°$

B. $20°$

C. $30°$

D. $25°$

Ans ✗ 1. B

✗ 2. C

✗ 3. D

✓ 4. A

Q.29 What are the components of $(x^6-x^4-x^5-x^4+x^2-4)$?

    A. $(x-1)$
    B. $(x+1)$
    C. Both $(x-1)$ & $(x+1)$
    D. Neither $(x-1)$ or $(x+1)$

Ans   ✗ 1. B

    ✗ 2. A

    ✔ 3. D

    ✗ 4. C

Q.30 Who fought Ahmad Shah Abdali at the third battle of Panipat?

    A. Mughals
    B. Lodhis
    C. Marathas
    D. Khiljis

Ans   ✔ 1. C

    ✗ 2. D

    ✗ 3. A

    ✗ 4. B

Q.31 Which of the following is not a greenhouse gas?

    A. Carbon dioxide
    B. Methane
    C. Chlorofluorocarbons
    D. Oxygen

Ans   ✗ 1. C

    ✗ 2. A

    ✗ 3. B

✔ 4. D

Q.32 What are stars primarily made of?

A. Oxygen and Hydrogen
B. Hydrogen and Carbon
C. Hydrogen and Helium
D. Oxygen and Helium

Question ID : **9888372304**

Status : **Answered**

Chosen Option : **2**

Ans ✘ 1. A

✔ 2. C

✘ 3. B

✘ 4. D

Q.33 On which date was the partition of India announced?

A. 15th Aug 1947
B. 3rd June 1947
C. 17th July 1947
D. 1st July 1947

Question ID : **9888372276**

Status : **Answered**

Chosen Option : **4**

Ans ✔ 1. B

✘ 2. C

✘ 3. A

✘ 4. D

Q.34 Find the simple interest on Rs. 50 for 6 months at the rate of 10 paise per rupee per month.

A. Rs. 35
B. Rs. 40
C. Rs. 25
D. Rs. 30

Question ID : **9888372313**

Status : **Answered**

Chosen Option : **3**

Ans ✘ 1. A

✘ 2. C

✔ 3. D

✗ 4. B

Q.35 Two numbers are in the ratio 5:6.When 6 is added to each, the ratio becomes 7:8 then the numbers are

    A. 10 & 12
    B. 20 & 24
    C. 15 & 18
    D. 5 & 6

Ans ✗ 1. A

    ✓ 2. C

    ✗ 3. D

    ✗ 4. B

Question ID : **9888372316**

Status : **Answered**

Chosen Option : **2**

Q.36 If the given interchanges namely: signs + and ÷ and numbers 2 and 4 are made in signs and numbers, which one of the following would be correct?

    A. $4 + 2 \div 6 = 1.5$
    B. $2 + 4 \div 6 = 8$
    C. $2 + 4 \div 3 = 3$
    D. $4 \div 2 + 3 = 4$

Ans ✗ 1. A

    ✗ 2. D

    ✗ 3. C

    ✓ 4. B

Question ID : **9888372343**

Status : **Answered**

Chosen Option : **4**

Q.37 Stainless steel was invented by

    A. William Howard Livens

    B. Joseph Aspdin

    C. Harry Brearley

    D. James Dyson

Ans ✗ 1. A

    ✗ 2. D

    ✗ 3. B

    ✓ 4. C

Question ID : **9888372295**

Status : **Not Attempted**

Chosen Option : **--**

Q.38 If BORDER is coded as 579649, then ORDER can be coded as

A. 79469
B. 79649
C. 76949
D. 79667

Ans   ✗ 1. A

✗ 2. C

✗ 3. D

✔ 4. B

Q.39 The disease cirrhosis affects which organ in the body?

A. Brain
B. Liver
C. Heart
D. Kidney

Ans   ✗ 1. A

✗ 2. C

✔ 3. B

✗ 4. D

Q.40 The ratio between the speeds of two buses is 11:9. If the second bus runs 270 kms in 15 hours, then the speed of the first bus is?

A. 23 km/hr
B. 11 km/hr
C. 2 km/hr
D. 22 km/hr

Ans   ✗ 1. C

✗ 2. B

✔ 3. D

✗ 4. A

Q.41 Who presented the first Union Budget in 1947?

Question ID : **9888372283**

Status : **Answered**

Chosen Option : **3**

    A. Indira Gandhi
    B. Morarji Desai
    C. R. K. Shanmukham Chetty
    D. John Mathai

Ans ✗ 1. A

✗ 2. B

✔ 3. C

✗ 4. D

Q.42 On which network was the first SMS sent?

Question ID : **9888372294**

Status : **Answered**

Chosen Option : **2**

    A. Airtel
    B. Vodafone
    C. Verizone
    D. Digicel

Ans ✔ 1. B

✗ 2. A

✗ 3. D

✗ 4. C

Q.43 McAfee is a -------- ?

Question ID : **9888372301**

Status : **Answered**

Chosen Option : **1**

    A. Anti-virus software
    B. Programming language
    C. Output device
    D. Computer device

Ans ✔ 1. A

✗ 2. B

✗ 3. C

✗ 4. D

Q.44 An Assertion (A) and a Reason (R) are given below.

Assertion (A): In India judiciary is independent of the executive.

Reason (R): Judiciary favors the government and helps in the

implementation of its plans.

Choose the correct option.

    A. A is true but R is false.
    B. A is false but R is true.
    C. Both A and R are true and R is the correct explanation of A.
    D. Both A and R are false

Ans ✓ 1. A

✗ 2. D

✗ 3. B

✗ 4. C

Q.45 The product of the ages of Swati and Aparna is 120. If thrice the age of Aparna is more than Swati's age by 2 years, find the age of Swati.

    A. 18
    B. 20
    C. 24
    D. 16

Ans ✗ 1. C

✓ 2. A

✗ 3. D

✗ 4. B

Q.46 A wholesaler sold a water purifier at a loss of 40%. If the selling price has been increased by Rs. 125, then wholesaler will get the profit of 10%. What was the cost price of the purifier?

    A. Rs. 250
    B. Rs. 225
    C. Rs. 275
    D. Rs. 300

Ans ✗ 1. B

✔ 2. A

✘ 3. C

✘ 4. D

Q.47 If IRON is written as GOKI, then KNIFE may be written as

A. IKAEY
B. IEKAY
C. IKEAY
D. IAKEY

Ans ✘ 1. B

✔ 2. C

✘ 3. D

✘ 4. A

Q.48 Which tennis player has been awarded the Padma Bhushan award 2016?

A. Sania Mirza
B. Leander Paes
C. Mahesh Bhupathi
D. Rohan Bopanna

Ans ✘ 1. B

✔ 2. A

✘ 3. D

✘ 4. C

Q.49 What does ATM stand for?

A. Any Time Money
B. Automated Teller Machine
C. Automatic Talking Media
D. Analog Time Machine

Ans ✔ 1. B

✗ 2. D

✗ 3. A

✗ 4. C

Q.50 When Vijay sells 12 pens, he gains the selling price of 2 pens. Calculate his % profit?

A. 15%
B. 20%
C. 18%
D. 12%

Question ID : **9888372334**

Status : **Answered**

Chosen Option : **3**

Ans ✗ 1. C

✗ 2. A

✔ 3. B

✗ 4. D

Q.51 To which dynasty did the famous patron of literature king Bhoja belong?

A. Chalukya
B. Chola
C. Paramara
D. Pala

Question ID : **9888372273**

Status : **Not Attempted**

Chosen Option : **--**

Ans ✔ 1. C

✗ 2. A

✗ 3. B

✗ 4. D

Q.52 Based on the analogy given, find the missing word from the given options.

Mother : Child : : Cloud : ?

A. Rain
B. Thunder
C. Water
D. Weather

Question ID : **9888372351**

Status : **Answered**

Chosen Option : **3**

Ans ✗ 1. B

✗ 2. C

✔ 3. A

✗ 4. D

Q.53 If the standard deviation of a population is 7, what would be the population variance?

A. 14
B. 21
C. 49
D. 28

Ans ✗ 1. A

✗ 2. D

✗ 3. B

✔ 4. C

Comprehension:

Read the following Passage and answer the questions based on it.

There are six members in a family. One couple has parents and their children in the family. Arjun is the son of Raju and Elamathi is the daughter of Arjun. Divya is the daughter of Rani who is the mother of Elamathi and Banu is the mother of Arjun.

SubQuestion No : 54

Q.54 How many female members in the family?

A. 2
B. 3
C. 4
D. Cannot be determined

Ans ✗ 1. A

✔ 2. C

✗ 3. D

✗ 4. B

Comprehension:

Read the following Passage and answer the questions based on it.

There are six members in a family. One couple has parents and their children in the family. Arjun is the son of Raju and Elamathi is the daughter of Arjun. Divya is the daughter of Rani who is the mother of Elamathi and Banu is the mother of Arjun.

SubQuestion No : 55

Q.5 Which of the following pairs is the parents of the children?
5
A. Raju & Banu
B. Arjun & Banu
C. Raju & Rani
D. Arjun & Rani

Ans ✔ 1. D

✘ 2. B

✘ 3. A

✘ 4. C

Comprehension:
Read the following Passage and answer the questions based on it.

There are six members in a family. One couple has parents and their children in the family. Arjun is the son of Raju and Elamathi is the daughter of Arjun. Divya is the daughter of Rani who is the mother of Elamathi and Banu is the mother of Arjun.

SubQuestion No : 56

Q.5 What relationship to Divya and Elamathi bear to each other respectively?
6
A. Sisters
B. Mother & Daughter
C. Grandmother & Granddaughter
D. Cannot be determined

Ans ✔ 1. A

✘ 2. B

✘ 3. C

✘ 4. D

Q.57 A sum of Rs. 2000 at 40% per annum compounded annually. Calculate the interest for the third year at compound interest.

A. 1500
B. 1600
C. 1568
D. 1750

Question ID : **9888372312**

Status : **Answered**

Chosen Option : **2**

Ans ✗ 1. D

✔ 2. C

✗ 3. B

✗ 4. A

Q.58 Who received the Man Booker Prize in 2015 for his novel 'A brief history of seven killings'?

A. Marlon James
B. Richard Flanagan
C. Arvind Adiga
D. E.O.Wilson

Question ID : **9888372269**

Status : **Answered**

Chosen Option : **3**

Ans ✗ 1. C

✗ 2. D

✗ 3. B

✔ 4. A

Comprehension:

The following questions are based on the information given below:

An advertising agency finds that, of its 170 clients, 115 read Indian Express, 110 read The Hindu and 130 read Times of India. Also 85 read Indian Express and Times of India, 75 read Indian Express and The Hindu, 95 read The Hindu and Times of India and 70 read all the three.

SubQuestion No : 59

Q.59 How many read only The Hindu?

A. 5
B. 10
C. 25
D. 35

Question ID : **9888372362**

Status : **Answered**

Chosen Option : **3**

Ans ✗ 1. D

✗ 2. C

✓ 3. B

✗ 4. A

Comprehension:

The following questions are based on the information given below:

An advertising agency finds that, of its 170 clients, 115 read Indian Express, 110 read The Hindu and 130 read Times of India. Also 85 read Indian Express and Times of India, 75 read Indian Express and The Hindu, 95 read The Hindu and Times of India and 70 read all the three.

SubQuestion No : 60

Q.60 How many read Indian Express and Times of India but not The Hindu?

A. 10
B. 20
C. 15
D. 30

Question ID : **9888372361**

Status : **Answered**

Chosen Option : **1**

Ans ✓ 1. C

✗ 2. D

✗ 3. B

✗ 4. A

Comprehension:

The following questions are based on the information given below:

An advertising agency finds that, of its 170 clients, 115 read Indian Express, 110 read The Hindu and 130 read Times of India. Also 85 read Indian Express and Times of India, 75 read Indian Express and The Hindu, 95 read The Hindu and Times of India and 70 read all the three.

SubQuestion No : 61

Q.61 How many read only Indian Express?

A. 15
B. 25
C. 5
D. 10

Question ID : **9888372360**

Status : **Answered**

Chosen Option : **3**

Ans ✗ 1. A

✗ 2. D

✔ 3. B

✗ 4. C

Q.62 For what value of C_2, the system of equation $6x+2y=2$ & $3x+y=C_2$ will be coincident?

A. 4
B. 0
C. 2
D. 1

Question ID : **9888372307**

Status : **Answered**

Chosen Option : **4**

Ans ✗ 1. A

✗ 2. B

✗ 3. C

✔ 4. D

Q.63 What is the increase in the number of workdays under the rural job guarantee scheme (MNREGA) in drought-affected areas?

A. 10
B. 25
C. 40
D. 50

Question ID : **9888372267**

Status : **Answered**

Chosen Option : **1**

Ans ✔ 1. D

✗ 2. A

✗ 3. C

✗ 4. B

Q.64 By dividing 14528 by a certain number, Suresh gets 83 as quotient and 3 as remainder. What is the divisor?

A. 165
B. 185
C. 195
D. 175

Question ID : **9888372323**

Status : **Answered**

Chosen Option : **1**

Ans ✔ 1. D

✗ 2. B

✗ 3. A

✗ 4. C

Comprehension:

Read the following table carefully and answer the questions given below:

The percentage change in sales of six departmental stores from 2010 to 2012 is shown in the following table:

Store	Percentage Change	
	From 2010 to 2011	From 2011 to 2012
P	+20	−20
Q	−20	+9
R	+5	+12
S	−7	−15
T	+17	−8
U	+21	+9

SubQuestion No : 65

Q.6
5
Sales in store P amounted to Rs. 80 lakhs in 2010. What was the sales amount of the same store in 2012?

A. 76.8 lakhs
B. 78.6 lakhs
C. 80 lakhs
D. 74 lakhs

Ans   ✗ 1. B

✗ 2. D

✔ 3. A

✗ 4. C

Comprehension:

Read the following table carefully and answer the questions given below:

The percentage change in sales of six departmental stores from 2010 to 2012 is shown in the following table:

Store	Percentage Change	
	From 2010 to 2011	From 2011 to 2012
P	+20	−20
Q	−20	+9
R	+5	+12
S	−7	−15
T	+17	−8
U	+21	+9

SubQuestion No : 66

Q.66 In store T the sales for 2011 amounted to about what percentage of the sales for 2012?

A. 113
B. 109
C. 105
D. 101

Ans ✗ 1. D

✗ 2. A

✗ 3. C

✔ 4. B

Comprehension:

Read the following table carefully and answer the questions given below:

The percentage change in sales of six departmental stores from 2010 to 2012 is shown in the following table:

Store	Percentage Change	
	From 2010 to 2011	From 2011 to 2012
P	+20	−20
Q	−20	+9
R	+5	+12
S	−7	−15
T	+17	−8
U	+21	+9

SubQuestion No : 67

Q.67 In 2012 which of the stores had greater sales than any other stores?

A. R
B. P
C. T
D. Q

Ans ✔ 1. D

✗ 2. C

✗ 3. A

✗ 4. B

Q.68 Sunil and Gopal are partners in a business. Sunil invests Rs. 20,000 for 9 months and Gopal invests Rs. 30,000 for 12 months. Find the share of Sunil from the total profit of Rs. 60,000.

    A. Rs. 15000
    B. Rs. 18000
    C. Rs. 25000
    D. Rs. 20000

Question ID : **9888372321**

Status : **Answered**

Chosen Option : **3**

Ans
  ✗ 1. C
  ✗ 2. A
  ✔ 3. D
  ✗ 4. B

Q.69 The mean of a distribution is 11 and the standard deviation is 5. What is the value of the coefficient variation?

    A. 45.45%
    B. 35.35%
    C. 25.25%
    D. 55.55%

Question ID : **9888372329**

Status : **Answered**

Chosen Option : **1**

Ans
  ✔ 1. A
  ✗ 2. B
  ✗ 3. D
  ✗ 4. C

Q.70 The mean of 14 observations is 11. One more observation is included and the new mean becomes 12. The 15th observation is

    A. 20
    B. 24
    C. 26
    D. 28

Question ID : **9888372330**

Status : **Answered**

Chosen Option : **3**

Ans
  ✗ 1. D
  ✗ 2. B
  ✔ 3. C
  ✗ 4. A

Q.71 Five women can do a work in thirty six days. If the ratio between the capacity of a man and a woman is 3:1, then find how many days it will take 5 men to complete the same work?

    A. 12 days
    B. 15 days
    C. 18 days
    D. 108 days

Question ID : **9888372315**

Status : **Answered**

Chosen Option : **3**

Ans
  ✗ 1. D
  ✗ 2. B

✓ 3. A

✗ 4. C

Q.72 Who conferred the title of 'Gurudev' on Rabindranath Tagore?

    A. Mahatma Gandhi
    B. Pandit Nehru
    C. Lala Lajpat Rai
    D. Bal Gangadhar Tilak

Ans ✗ 1. B

    ✗ 2. D

    ✗ 3. C

    ✓ 4. A

Q.73 If NCLAGJ stands for PENCIL, then AMJMSP stands for --------

    A. ERASER
    B. PAPERS
    C. KOLOUR
    D. COLOUR

Ans ✓ 1. D

    ✗ 2. A

    ✗ 3. B

    ✗ 4. C

Q.74 If (sinA + cos A) / (sinA - cosA) = 5/4, the value of (tan2A + 1) / (tan2A - 1) = ?

    A. 41/40
    B. 12 /13
    C. 40/41
    D. 3/5

Ans 1. B

    2. C

    3. D

    4. A

Note: For this question, discrepancy is found in question/answer. So, This question is ignored for all candidates.

Q.75 If 15 persons can do a job in 30 days, then 30 persons with twice the efficiency can do the same job in how many days?

A. 7
B. 3.5
C. 5
D. 7.5

Question ID : **9888372314**

Status : **Answered**

Chosen Option : **1**

Ans   ✔ 1. D

✘ 2. A

✘ 3. B

✘ 4. C

Q.76 If two complementary angles are in the ratio of 2:3, find the ratio of square of smaller angle to square of greater angle.

A. 3:2
B. 9:11
C. 4:5
D. 4:9

Question ID : **9888372326**

Status : **Answered**

Chosen Option : **2**

Ans   ✘ 1. B

✔ 2. D

✘ 3. C

✘ 4. A

Q.77 What denotes offering several products for sale as one combined product?

A. Advertisement
B. Product mix
C. Product bundling
D. Differentiation

Question ID : **9888372298**

Status : **Answered**

Chosen Option : **2**

Ans   ✔ 1. C

✘ 2. B

✘ 3. A

✘ 4. D

Q.78 Which was the capital of the first Sri Lankan kingdom?

A. Jaffna
B. Polonnaruwa
C. Anuradhapura
D. Kandy

Question ID : **9888372272**

Status : **Answered**

Chosen Option : **1**

Ans ✗ 1. A

✗ 2. D

✗ 3. B

✔ 4. C

Q.79 $\sin^6 A + \cos^6 A - 1$ is equal to

A. $3\sin^2 A \cos^2 A$
B. $1 - 3\sin A \cos A$
C. $1 + 3\sin^2 A \cos^2 A$
D. 0

Question ID : **9888372319**

Status : **Answered**

Chosen Option : **4**

Ans 1. B

2. D

3. C

4. A

Note: For this question, discrepancy is found in question/answer. So, Th is question is ignored for all candidates.

Q.80 In the following expression 'α' stands for '>'; 'β' stands for '<'; 'γ' stands for 'not greater than'; 'δ' stands for 'not less than'; and 'μ' stands for '='.

If 3C δ 2A and B α C, then which of the following statement is true?

A. 3B μ 2A
B. B μ A
C. 3B α 2A
D. 2A α 3B

Question ID : **9888372344**

Status : **Answered**

Chosen Option : **1**

Ans ✔ 1. C

✗ 2. D

✗ 3. A

✗ 4. B

Q.81 Which of the following is a bad conductor of heat?

A. Wood
B. Diamond
C. Water
D. Mica

Question ID : **9888372289**

Status : **Answered**

Chosen Option : **4**

Ans ✗ 1. D

✗ 2. C

✔ 3. A

✗ 4. B

Q.82 Choose the pair which is related in the same way as the words in the first pair from the given choices

Mosquito : Malaria : : _____ : _____

A. Housefly : Food
B. Road : Accident
C. Soil : Erosion
D. Tobacco : Cancer

Question ID : **9888372345**

Status : **Answered**

Chosen Option : **1**

Ans ✔ 1. D

✗ 2. A

✗ 3. B

✗ 4. C

Q.83 Where will the 2022 Commonwealth Games be played?

A. Glasgow
B. Durban
C. Gold Coast
D. New Delhi

Question ID : **9888372277**

Status : **Not Attempted and Mark ed For Review**

Chosen Option : **--**

Ans ✔ 1. B

✗ 2. D

✗ 3. C

✗ 4. A

Q.84 Rearrange the jumbled up letters in their natural sequence and find the odd one out.

    A. LAFC
    B. UKCGIDLN
    C. RILNIGHE
    D. BCU

Question ID : **9888372358**

Status : **Answered**

Chosen Option : **3**

Ans
  ✗ 1. B
  ✔ 2. C
  ✗ 3. D
  ✗ 4. A

Q.85 Sita starts to calculate sum of all odd natural numbers less than 72. What result does she get?

    A. 1196
    B. 1296
    C. 1331
    D. 1276

Question ID : **9888372325**

Status : **Answered**

Chosen Option : **2**

Ans
  ✗ 1. A
  ✔ 2. B
  ✗ 3. D
  ✗ 4. C

Q.86 On an average how many times does lightning strike the Earth?

    A. 100 times per second
    B. 100 times per day
    C. 1000 times per day
    D. 100 times per hour

Question ID : **9888372303**

Status : **Answered**

Chosen Option : **1**

Ans
  ✔ 1. A
  ✗ 2. C
  ✗ 3. D
  ✗ 4. B

Q.87 An Assertion (A) and a Reason (R) are given below.

Assertion (A): We feel comfortable in hot and humid climate.

Reason (R): Sweat evaporates faster in humid climate.

Choose the correct option.

    A. A is true but R is false.
    B. A is false but R is true.
    C. Both A and R are true and R is the correct explanation of A.
    D. Both A and R are false

Ans ✔️ 1. D

    ❌ 2. C

    ❌ 3. B

    ❌ 4. A

Question ID : **9888372367**

Status : **Answered**

Chosen Option : **1**

Q.88 Rearrange the jumbled up letters in their natural sequence and find the odd one out.

    A. UTNA
    B. EINEC
    C. OMEHRT
    D. ROBEHRT

Ans ❌ 1. A

    ❌ 2. C

    ❌ 3. B

    ✔️ 4. D

Question ID : **9888372357**

Status : **Not Attempted and Mark ed For Review**

Chosen Option : **--**

Q.89 Which is the form of market where there is lack of competition?

    A. Monopoly
    B. Oligopoly
    C. Perfect competition
    D. Marketisation

Ans ❌ 1. C

    ✔️ 2. A

    ❌ 3. D

Question ID : **9888372297**

Status : **Answered**

Chosen Option : **2**

✗ 4. B

Q.90 One of four words is a class to which the other three belong. Identify the class.

A. Hawaii
B. Cuba
C. Island
D. Greenland

Ans
✗ 1. D

✗ 2. A

✓ 3. C

✗ 4. B

Q.91 Based on the analogy given, find the missing pair from the given options.

32 : 13 : : ------ : -------

A. 51 : 36
B. 83 : 121
C. 71 : 81
D. 47 : 65

Ans
✓ 1. D

✗ 2. C

✗ 3. B

✗ 4. A

Q.92 Find the LCM of 3.2, 2.72, 1.28 and 1.44

A. 24.48
B. 2448
C. 2.448
D. 244.8

Ans
✓ 1. A

✗ 2. C

✗ 3. B

✗ 4. D

Q.93 Which of the following is called 'The queen of Arabian sea'?

A. Mumbai
B. Thiruvananthapuram
C. Kochi
D. Surat

Ans ✓ 1. C

✗ 2. A

✗ 3. D

✗ 4. B

Q.94 What is the name of the castle that was built in honour of world renowned composer Richard Wagner?

A. Balmoral Castle
B. Neuschwanstein Castle
C. Conwy castle
D. Kronborg

Ans ✓ 1. B

✗ 2. C

✗ 3. D

✗ 4. A

Q.95 Select the correct set of symbols which will fit in the given equation?

5   0   3   5 = 20

A. +, −, +
B. x, +, x
C. −, +, x
D. x, x, x

Ans ✗ 1. B

✓ 2. C

✗ 3. D

✗ 4. A

Q.96 Evaporation of water from leaves of a plant is called

    A. Transpiration
    B. Respiration
    C. Perspiration
    D. Evaporation

Ans ✗ 1. C

     ✗ 2. B

     ✗ 3. D

     ✓ 4. A

Question ID : **9888372291**

Status : **Answered**

Chosen Option : **4**

Q.97 How do you know Yarlung Tsangpo better?

    A. Ganges
    B. Brahmaputra
    C. Mahanadi
    D. Sutlej

Ans ✓ 1. B

     ✗ 2. D

     ✗ 3. A

     ✗ 4. C

Question ID : **9888372271**

Status : **Answered**

Chosen Option : **1**

Q.98 The famous Sanchi Stupa was commissioned by

    A. Bindusara
    B. Ashoka
    C. Chandragupta Maurya
    D. Kanishka

Ans ✗ 1. D

     ✓ 2. B

Question ID : **9888372287**

Status : **Not Attempted**

Chosen Option : **--**

✗ 3. C

✗ 4. A

Q.99 How long will Ramesh take to run round a square park of edge 50 metres, if he runs at the rate of 18 km/hr?

A. 40 sec
B. 20 sec
C. 80 sec
D. 160 sec

Ans

✓ 1. A

✗ 2. D

✗ 3. C

✗ 4. B

Question ID : **9888372335**

Status : **Answered**

Chosen Option : **1**

Q.100 Ramesh sold a phone at a loss of 5%. Had he sold it for Rs. 200 more, he would gave gained 15%. To gain 25%, he should sell it for :

A. Rs. 1175
B. Rs. 1150
C. Rs. 1225
D. Rs. 1250

Ans

✗ 1. B

✗ 2. A

✗ 3. C

✓ 4. D

Question ID : **9888372333**

Status : **Answered**

Chosen Option : **4**