RAILWAY RECRUITMENT BOARDS
रेलवे भर्ती बोर्ड

RRB NTPC 31st March 2016 Shift 2

Roll No:	
Participants Name:	
Test Center Name:	
Test Date:	31/03/2016
Test Time:	12:30 PM - 2:00 PM
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

Q.1 Bommy is the daughter of Indu's brother. Indu has one sister, Chanda and one brother, Gopal. How is Bommy related to Gopal?

A. Sister
B. Father
C. Daughter
D. Niece

Question ID : 2055231216

Status : **Answered**

Chosen Option : **1**

Ans ✔ 1. C

✘ 2. D

✘ 3. B

✘ 4. A

Q.2 Find the missing (?) in the series

NA, QD, ? ,WJ, ZM

A. SF
B. TG
C. UH
D. VI

Question ID : 2055231208

Status : **Answered**

Chosen Option : **1**

Ans ✔ 1. B

✘ 2. A

✘ 3. D

✘ 4. C

Q.3 Three categories of employees get wages in the ratio of 1:2:3. If they get increments of 5%, 10% and 15% respectively, what will be the new ratio of their wages?

A. 21:44:69
B. 7:22:23
C. 7:44:23
D. 21:22:23

Question ID : 2055231183

Status : **Answered**

Chosen Option : **3**

Ans ✘ 1. B

✘ 2. C

✔ 3. A

✘ 4. D

Q.4 Hindustan Socialist Republican Association was founded by

A. Subhash Chandra Bose
B. Vinayak Damodar Savarkar
C. Jayaprakash Narayan
D. Bhagat Singh

Question ID : 2055231142

Status : **Answered**

Chosen Option : **4**

Ans ✘ 1. A

✔ 2. D

✘ 3. B

✘ 4. C

Q.5 Three freedom fighters including Bipin Chandra Pal were popularly known as Lal-Bal-Pal. Who were the other two?

A. Subhash Chandra Bose & Bal Gangadhar Tilak
B. Bal Gangadhar Tilak & Lala Lajpat Rai
C. Lala Lajpat Rai & Bhagat Singh
D. Ram Prasad Bismil & Bhikaiji Cama

Question ID : 2055231143

Status : **Answered**

Chosen Option : **2**

Ans ✘ 1. A

✔ 2. B

✘ 3. D

✘ 4. C

Q.6 The maximum number of columns in the new MS Excel worksheet is

A. 2^8
B. 2^{10}
C. 2^{12}
D. 2^9

Question ID : 2055231166

Status : **Not Attempted**

Chosen Option : **--**

Ans 1. C

2. A

3. D

4. B

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

Q.7 The area of a circle is 616 sq.m. Find its diameter. (π=22/7)

A. 7m
B. 14m
C. 28m
D. 56m

Question ID : 2055231198

Status : **Answered**

Chosen Option : **2**

Ans ✘ 1. D

✔ 2. C

✘ 3. A

✘ 4. B

Q.8 Find the median, mode and mean of 9, 5, 8, 9, 9, 7, 8, 9, 8.

A. 9, 9, 9
B. 9, 8, 9
C. 8, 9, 8
D. 8, 9, 9

Question ID : 2055231202

Status : **Answered**

Chosen Option : **4**

Ans ✘ 1. D

✘ 2. A

✘ 3. B

✔ 4. C

Q.9 Which one of the following cities, is included in the first list of 20 proposed smart cities under the 'Smart Cities Mission' released by the Union Government in January 2016?

A. Guwahati
B. Mumbai
C. Vadodara
D. Kolkata

Question ID : 2055231136

Status : **Not Attempted**

Chosen Option : **--**

Ans ✘ 1. B

✔ 2. A

✘ 3. D

✘ 4. C

Q.10

Question ID : 2055231172

'Gallon' is commonly used

A. To refer to speed.
B. To refer to a container.
C. As a measure of volume.
D. To express containers in terms of barrel.

Ans ✗ 1. A

✗ 2. B

✔ 3. C

✗ 4. D

Q.11 Which one of the following countries does not have football as their national sport?

A. Ghana
B. Hungary
C. Argentina
D. Mauritius

Ans ✗ 1. A

✗ 2. D

✔ 3. C

✗ 4. B

Q.12 Kurukshetra, the famous battle field mentioned in Mahabharata was located near

A. Rawalpindi
B. Meerut
C. New Delhi
D. Ambala City

Ans ✗ 1. B

✗ 2. C

✔ 3. D

✗ 4. A

Q.13 How many millimeters make ten kilometers?

A. 10^{10}
B. 10^9
C. 10^8
D. 10^7

Ans ✗ 1. B

✗ 2. A

✔ 3. D

✗ 4. C

Q.14 The most active ingredient in bleaching powder is

A. Iodine
B. Calcium hypochlorite
C. Nitric acid
D. Ammonium sulphate

Ans ✗ 1. C

✔ 2. B

✗ 3. A

✗ 4. D

Q.15

The Central Government granted a certain sum towards flood relief to 3 states A, B, and C in the ratio 2:3:4. If C gets Rs. 400 Crores more than A, what is the share of B?

A. Rs. 400 crore
B. Rs. 200 crore
C. Rs. 600 crore
D. Rs. 300 crore

Ans
✗ 1. A

✗ 2. D

✔ 3. C

✗ 4. B

Q.16 Cricketer Virat Kohli was honoured with Arjuna Award in the year

A. 2011
B. 2012
C. 2013
D. 2014

Question ID : 2055231151

Status : **Answered**

Chosen Option : **2**

Ans
✗ 1. A

✗ 2. D

✗ 3. B

✔ 4. C

Q.17 The instrument used to determine the rotation speed of a shaft is called

A. Speedometer
B. Tachometer
C. Anemometer
D. Chronometer

Question ID : 2055231162

Status : **Answered**

Chosen Option : **4**

Ans
✗ 1. D

✗ 2. C

✗ 3. A

✔ 4. B

Q.18 Find the greatest length which can be used to measure exactly three cloth pieces of lengths 1.26 m, 1.98 m and 1.62 m respectively.

A. 12 cm
B. 14 cm
C. 16 cm
D. 18 cm

Question ID : 2055231181

Status : **Answered**

Chosen Option : **1**

Ans
✔ 1. D

✗ 2. B

✗ 3. C

✗ 4. A

Q.19 Slave Dynasty was founded by

A. Qutbuddin Aibak
B. Mahmud Ghazni
C. Muhammad Ghori
D. Razia Sultana

Question ID : 2055231140

Status : **Answered**

Chosen Option : **3**

Ans
✗ 1. C

✗ 2. B

✔ 3. A

✗ 4. D

Q.20 Exobiology refers to

A. Life in outer space.
B. Life of animals.
C. Life of plants.
D. Life of human beings on earth.

Question ID : 2055231169

Status : **Answered**

Chosen Option : **1**

Ans
- ✔ 1. A
- ✘ 2. B
- ✘ 3. D
- ✘ 4. C

Q.21 A call center recruits candidates with the following criteria –
1. Candidates should have passed at least 10ᵗʰ standard.
2. Candidates must be fluent in English and Hindi.
3. Candidates must be ready to work in both day and night shifts.
Which candidate among the following will the call center definitely take?

A. Seeta is a graduate, fluent in Marathi, Hindi and English and can work only in day shift.
B. Sarita is fluent in English, Tamil and Hindi, can work in both shifts and has had no formal education.
C. Smita speaks English and Hindi very well, is ready for day as well as night shifts and has studied till 12ᵗʰ standard.
D. Savita can work in both shifts, has passed 10ᵗʰ standard with 65% and speaks fluent Hindi and Marathi.

Question ID : **2055231234**

Status : **Answered**

Chosen Option : **1**

Ans
- ✔ 1. C
- ✘ 2. A
- ✘ 3. B
- ✘ 4. D

Q.22 What will be the maturity value, if Rs. 13,500 is deposited at a simple rate of interest of 12.5% for two years?

A. Rs. 15,187.50
B. Rs. 16,875.00
C. Rs. 16,875.50
D. Rs. 16,785.00

Question ID : **2055231189**

Status : **Answered**

Chosen Option : **3**

Ans
- ✘ 1. A
- ✘ 2. C
- ✔ 3. B
- ✘ 4. D

Q.23 Study of earth is known as

A. Ecology
B. Biology
C. Ethology
D. Geology

Question ID : **2055231173**

Status : **Answered**

Chosen Option : **3**

Ans
- ✘ 1. C
- ✘ 2. B
- ✔ 3. D
- ✘ 4. A

Q.24 School W in a village, provides education from nursery to standard 4. In the same village, School B and school K provide education from standard 5 to 10. School F, which is in a nearby town, provides higher secondary education, that is, standard 11ᵗʰ and 12ᵗʰ only. The village has only three schools. Parents in the village have requested for more schools to the local panchayat.

Which conclusion follows the given statements?

A. Schools are less in the village because parents do not want their children to study.
B. Due to lack of teachers, village schools cannot compete with town schools.
C. For higher secondary education, children of the village have to travel to the nearby town.
D. Parents will send their kids to town, if school F provides primary education too.

Question ID : **2055231236**

Status : **Answered**

Chosen Option : **2**

Ans
- ✘ 1. B
- ✔ 2. C
- ✘ 3. A
- ✘ 4. D

Q.25 The difference between the ages of mother and son was 21 when mother's age was 43. If father is elder by 3 years to mother, what will be the difference between the ages of son and father when father attains 50 years?

A. 21
B. 22
C. 23
D. 24

Question ID : **2055231174**

Status : **Answered**

Chosen Option : **1**

Ans
- ✔ 1. D
- ✘ 2. C
- ✘ 3. B
- ✘ 4. A

Q.26 A shop keeper purchased 15 kg of sugar and 20 kg of wheat at Rs. 50 and Rs. 75 per kg respectively. On selling them, he gained 10% on sugar and 20% on wheat. What was the total sale value?

    A. Rs. 2,550
    B. Rs. 2,625
    C. Rs. 1,800
    D. Rs. 1,575

Question ID : **2055231190**

Status : **Answered**

Chosen Option : **4**

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

Q.27 Select the alternative that shows a different relationship as the given pair -

Crude : Raw

    A. Isolation : Separation
    B. Distinguished : August
    C. Assert : Hide
    D. Stop : Conclude

Question ID : **2055231213**

Status : **Not Attempted**

Chosen Option : **--**

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

Q.28 X can finish 25% of a work in a day. Y can do 12.5% of the same work in a day. In how many days, will both of them finish the work together?

    A. 2.67 days
    B. 2.33 days
    C. 3.33 days
    D. 3.67 days

Question ID : **2055231185**

Status : **Answered**

Chosen Option : **1**

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

Q.29 If $x + 2y = 27$ and $x - 2y = -1$, find the value of y.

    A. 13
    B. 14
    C. 7
    D. 26

Question ID : **2055231195**

Status : **Answered**

Chosen Option : **2**

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

Q.30 When did Bangladesh become an independent parliamentary democracy?

    A. December, 1971
    B. January, 1972
    C. March, 1972
    D. February, 1972

Question ID : **2055231139**

Status : **Not Attempted**

Chosen Option : **--**

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

Q.31

Question ID : **2055231179**

Status : **Answered**

Chosen Option : **2**

Find the smallest of the following decimals.

A. $0.2 \times 0.2 \times 0.2$
B. $0.02 / 3$
C. $0.01 / 2$
D. $0.1 \times 0.02 \times 2$

Ans ✗ 1. C

✗ 2. A

✔ 3. D

✗ 4. B

Q.32 Find the range of the data 2, 1, 2, 3, 5, 4, 7, 3, 5, 2, 4.

A. 5
B. 4
C. 3
D. 6

Question ID : 2055231201

Status : **Answered**

Chosen Option : **4**

Ans ✔ 1. D

✗ 2. A

✗ 3. B

✗ 4. C

Q.33 A person with blood group AB

A. Can donate blood to persons with blood group A, B and O.
B. Is called universal blood donor.
C. Can receive blood from any group.
D. Is neither a universal recipient nor a donor.

Question ID : 2055231164

Status : **Answered**

Chosen Option : **3**

Ans ✗ 1. B

✗ 2. D

✔ 3. C

✗ 4. A

Q.34 You purchased two pieces of cloth measuring 1.2 m and 1.3 m each at Rs. 330 and Rs. 270 per meter respectively and gave Rs. 1000 at the payment counter. How much cash will you get back?

A. Rs. 253
B. Rs. 604
C. Rs. 649
D. Rs. 235

Question ID : 2055231176

Status : **Answered**

Chosen Option : **1**

Ans ✔ 1. A

✗ 2. D

✗ 3. B

✗ 4. C

Q.35 Which one of the following does not belong to the group?

A. Android
B. BADA
C. DOS
D. Symbian

Question ID : 2055231168

Status : **Answered**

Chosen Option : **1**

Ans ✔ 1. C

✗ 2. D

✗ 3. A

✗ 4. B

Q.36

Question ID : 2055231163

Status : **Answered**

Find the odd one out among the following.

A. ECS
B. RTGS
C. NEFT
D. EMI

Ans ✓ 1. D

  ✗ 2. C

  ✗ 3. B

  ✗ 4. A

Q.37 What is the difference between the maturity values, if Rs. 12,500 is invested for 2 years at 20% per annum simple interest and compound interest?

A. Rs. 750
B. Rs. 650
C. Rs. 550
D. Rs. 500

Question ID : 2055231188

Status : **Answered**

Chosen Option : **2**

Ans ✗ 1. C

  ✓ 2. D

  ✗ 3. A

  ✗ 4. B

Q.38 Under the Indian Constitution, legislative powers are vested with the

A. President
B. Prime Minister
C. Union Council of Ministers
D. Parliament

Question ID : 2055231149

Status : **Answered**

Chosen Option : **4**

Ans ✗ 1. C

  ✗ 2. A

  ✗ 3. B

  ✓ 4. D

Q.39 When a person can see only nearby objects, the condition is called

A. Hypermetropia
B. Astigmatism
C. Myopia
D. Retinopathy

Question ID : 2055231159

Status : **Answered**

Chosen Option : **3**

Ans ✗ 1. D

  ✗ 2. A

  ✓ 3. C

  ✗ 4. B

Q.40 The speed of car B is half the speed of car A. If car A covers a distance of 120 km in 1½ hours, what is the speed of car B?

A. 40 kmph
B. 60 kmph
C. 30 kmph
D. 50 kmph

Question ID : 2055231187

Status : **Answered**

Chosen Option : **3**

Ans ✗ 1. C

  ✗ 2. B

  ✓ 3. A

  ✗ 4. D

Q.41 If **SWEET** is written as **XAHGU**, then **HORSE** is

A. MSUVF
B. MTVUF
C. MTVUD
D. MSUUF

Question ID : 2055231207

Status : **Answered**

Chosen Option : **1**

Ans ✅ 1. D
 ❌ 2. A
 ❌ 3. C
 ❌ 4. B

Comprehension:

Five people P, Q, R, S and T visit an office on certain days of a week. They work as a plumber, carpenter, cook, electrician and doctor in random order. A person pursues only one profession and visits the office only one day in the week. Consider the following information and answer questions based on it.

1. The plumber visits office every Monday.
2. P is an electrician who comes neither on Tuesday nor Thursday.
3. T is a carpenter and R is not plumber.
4. The person who visits the office on Thursday is not a doctor.
5. S works on a Tuesday and T works on the following day.

SubQuestion No : 42

Q.42 Which is the right combination?

A. Monday – Electrician
B. Thursday – Cook
C. Tuesday – Carpenter
D. Friday – Doctor

Question ID : 2055231222
Status : **Not Attempted**
Chosen Option : --

Ans ❌ 1. A
 ❌ 2. D
 ❌ 3. C
 ✅ 4. B

Comprehension:

Five people P, Q, R, S and T visit an office on certain days of a week. They work as a plumber, carpenter, cook, electrician and doctor in random order. A person pursues only one profession and visits the office only one day in the week. Consider the following information and answer questions based on it.

1. The plumber visits office every Monday.
2. P is an electrician who comes neither on Tuesday nor Thursday.
3. T is a carpenter and R is not plumber.
4. The person who visits the office on Thursday is not a doctor.
5. S works on a Tuesday and T works on the following day.

SubQuestion No : 43

Q.43 The doctor visits the office on

A. Fridays
B. Wednesdays
C. Thursdays
D. Tuesdays

Question ID : 2055231220
Status : **Not Attempted**
Chosen Option : --

Ans ❌ 1. C
 ❌ 2. A
 ✅ 3. D
 ❌ 4. B

Comprehension:

Five people P, Q, R, S and T visit an office on certain days of a week. They work as a plumber, carpenter, cook, electrician and doctor in random order. A person pursues only one profession and visits the office only one day in the week. Consider the following information and answer questions based on it.

1. The plumber visits office every Monday.
2. P is an electrician who comes neither on Tuesday nor Thursday.
3. T is a carpenter and R is not plumber.
4. The person who visits the office on Thursday is not a doctor.
5. S works on a Tuesday and T works on the following day.

SubQuestion No : 44

Q.44 Who is the plumber?

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

Ans ✔ 1. A

✗ 2. C

✗ 3. B

✗ 4. D

Q.45 An assertion (A) and a reason (R) are given below.

Assertion (A): Mangoes are sweet when they are ripe.

Reason (R): Mangoes are available mainly in summer in India.

Choose the correct option.

A. Both A and R are true and R is the correct explanation of A
B. Both A and R are true, but R is not the correct explanation of A
C. A is true, but R is false
D. A is false, but R is true

Ans ✔ 1. B

✗ 2. D

✗ 3. C

✗ 4. A

Q.46 Statements followed by some conclusions are given below.

Statements:

1. Sam sleeps more than Ram who sleeps only for 5 hours every day.
2. Shyam sleeps for 8 hours which is lesser than Sam's by 2.

Conclusions:

I. Sam sleeps for 6 hours.
II. Ram has a bad sleeping habit.

Find which of the given conclusions logically follows from the given statements.

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

Ans ✗ 1. A

✔ 2. D

✗ 3. C

✗ 4. B

Q.47 What number, from the following, should be deducted from 1184 to make it exactly divisible by 21?

A. 15
B. 12
C. 8
D. 7

Ans ✗ 1. D

✔ 2. C

✗ 3. A

Q.48 A rectangular playground ground of length 125m and width 75m, has a walking strip of width 3m in the middle of the ground, along the longer side. What is the area of the ground without the walking strip?

A. 9375 sq.m
B. 9000 sq.m
C. 9750 sq.m
D. 8625 sq.m

Question ID : 2055231197

Status : **Answered**

Chosen Option : **4**

Ans   ✗ 1. C

✗ 2. D

✗ 3. A

✔ 4. B

Q.49 Cultivation is difficult on red soil because

A. Its water holding capacity is less.
B. It is highly contaminated.
C. Biological components do not mix with it.
D. It is red in colour.

Question ID : 2055231138

Status : **Answered**

Chosen Option : **3**

Ans   ✗ 1. D

✗ 2. C

✔ 3. A

✗ 4. B

Q.50 The United Nations Development Programme (UNDP) focusses on

A. Solutions to global development challenges.
B. Developing nations.
C. Under-developed nations.
D. Developed nations.

Question ID : 2055231147

Status : **Answered**

Chosen Option : **1**

Ans   ✔ 1. A

✗ 2. C

✗ 3. B

✗ 4. D

Q.51 If **Sun : Star** then **Moon :** _____

A. Star
B. Planet
C. Comet
D. Satellite

Question ID : 2055231212

Status : **Answered**

Chosen Option : **3**

Ans   ✗ 1. B

✗ 2. C

✔ 3. D

✗ 4. A

Q.52 Find the missing number (?) in the series

1, 1, 4, 8, 9, ?, 16, 64.........

A. 21
B. 23
C. 25
D. 27

Question ID : 2055231209

Status : **Answered**

Chosen Option : **4**

Ans   ✗ 1. A

✗ 2. C

✗ 3. B

✔ 4. D

Q.53 Find the HCF of 48, 92 and 140.

A. 8
B. 6
C. 4
D. 3

Ans ✘ 1. B

✘ 2. A

✘ 3. D

✔ 4. C

Q.54 If mathematical operators '−' and '÷' are interchanged, then the value of

$15 × 4 + 15 − 11 × 33 ÷ 98$ is

A. 6
B. 7
C. 8
D. 9

Ans ✔ 1. B

✘ 2. C

✘ 3. D

✘ 4. A

Q.55 The standard deviation of the set {10, 11, 12, 9, 8} is

A. 1
B. $\sqrt{2}$
C. 2
D. $2\sqrt{2}$

Ans ✘ 1. A

✘ 2. C

✘ 3. D

✔ 4. B

Q.56 Looking at a lady, Joey said, "She is the mother of my mother's mother-in-law's husband". How is the lady related to Joey's father?

A. Mother
B. Aunt
C. Mother-in-law
D. Grandmother

Ans ✔ 1. D

✘ 2. B

✘ 3. C

✘ 4. A

Q.57 One Gigabyte =? (in decimal value)

A. 1000 bytes
B. 1000^2 bytes
C. 1000^3 bytes
D. 1000^4 bytes

Ans ✘ 1. B

✘ 2. A

✔ 3. C

✘ 4. D

Q.58 The annual award of 'Gandhi Peace Prize' is given to

    A. Individuals only
    B. Institutions only
    C. Individuals and institutions
    D. Group of institutions

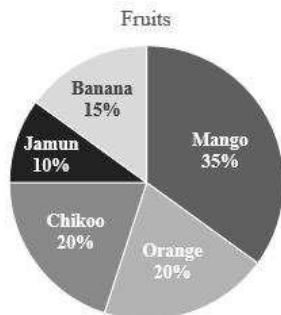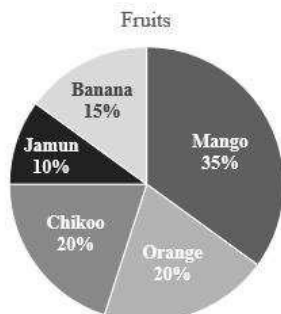Ans   ✗ 1. B

    ✗ 2. D

    ✗ 3. A

    ✔ 4. C

Comprehension:

The following pie chart shows fruit tree distribution in a farm land. Consider the chart and answer questions based on it.

Fruits

SubQuestion No : 59

Q.59 The sector angle corresponding to the Banana is

    A. 90°
    B. 54°
    C. 72°
   D. 36°

Ans   ✗ 1. D

    ✔ 2. B

    ✗ 3. A

    ✗ 4. C

Comprehension:

The following pie chart shows fruit tree distribution in a farm land. Consider the chart and answer questions based on it.

Fruits

SubQuestion No : 60

Q.60 What is the ratio of Chikoo and Mango trees to that of Jamun, Orange and Banana trees in the farm land?

    A. 1
    B. 1:3
    C. 11:9
    D. 3:1

Ans   ✗ 1. A

    ✔ 2. C

    ✗ 3. B

✗ 4. D

Comprehension:

The following pie chart shows fruit tree distribution in a farm land. Consider the chart and answer questions based on it.

Fruits
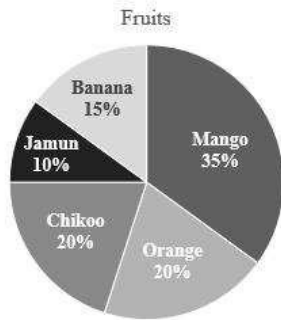
SubQuestion No : 61

Q.61 If there are in all 960 trees, then how many of them are Mango trees?

A. 192
B. 288
C. 384
D. 336

Question ID : 2055231232	
Status : **Answered**	
Chosen Option : **4**	

Ans ✗ 1. C

✗ 2. B

✗ 3. A

✔ 4. D

Q.62 The concept of Triratna belonged to

A. Sikhism
B. Jainism
C. Buddhism
D. Zoroastrianism

Question ID : 2055231141	
Status : **Answered**	
Chosen Option : **2**	

Ans 1. A

2. B

3. C

4. D

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

Q.63 What is meant by space tourism?

A. Scientific space exploration.
B. Space travel for leisure.
C. Touring the world only by flight.
D. Reaching out to Mars.

Question ID : 2055231170	
Status : **Not Attempted**	
Chosen Option : --	

Ans ✗ 1. D

✗ 2. A

✗ 3. C

✔ 4. B

Q.64 Which country among the following is the smallest in terms of area?

A. Brazil
B. India
C. Canada
D. Russia

Question ID : 2055231153	
Status : **Answered**	
Chosen Option : **4**	

Ans ✔ 1. B

✗ 2. D

✗ 3. C

✗ 4. A

Q.65 Why does a piece of cloth, which appears green in sunlight, appear black when it is viewed under red light?

A. The cloth completely absorbs red colour wavelength.
B. It is due to refraction.
C. It is the effect of scattering of light.
D. It is due to parallax error.

Question ID : 2055231155

Status : **Not Attempted**

Chosen Option : **--**

Ans   ✗ 1. D

✗ 2. B

✔ 3. A

✗ 4. C

Q.66 A is D's brother. D is the son of Mrs. C. B is Mrs. C's father. How is A related to B?

A. Grandson
B. Brother
C. Son
D. Grandfather

Question ID : 2055231218

Status : **Answered**

Chosen Option : **3**

Ans   ✗ 1. B

✗ 2. D

✔ 3. A

✗ 4. C

Q.67 If S means '+', L means '×', U means '÷' and K means '−', then the value of

21 S 1 U 7 L 15 U 6 L 14 K 55 is

A. -50
B. 26
C. -29
D. 29

Question ID : 2055231210

Status : **Answered**

Chosen Option : **3**

Ans   ✗ 1. D

✗ 2. A

✔ 3. C

✗ 4. B

Q.68 In a certain coding language, 'Ginger is a root' is written as 4123, 'A tree has a root' is 75422 and 'Tree is green' is 385. Which digit represents 'root'?

A. 4
B. 5
C. 3
D. 2

Question ID : 2055231204

Status : **Answered**

Chosen Option : **3**

Ans   ✗ 1. B

✗ 2. D

✔ 3. A

✗ 4. C

Q.69 Hirakud reservoir is built across the river

A. Sutlej
B. Godavari
C. Mahanadi
D. Narmada

Question ID : 2055231137

Status : **Answered**

Chosen Option : **2**

Ans   ✗ 1. B

✔ 2. C

✗ 3. D

✗ 4. A

Q.70 Which of the following authority is elected on the basis of proportional representation in India?

A. Prime Minister
B. President
C. Governor
D. Lok Sabha Speaker

Question ID : 2055231150

Status : **Not Attempted**

Chosen Option : **--**

Ans
- ✗ 1. D
- ✗ 2. C
- ✗ 3. A
- ✓ 4. B

Q.71 How many players, on each side, are required for the game of volleyball?

A. 6
B. 8
C. 5
D. 7

Question ID : 2055231146

Status : **Answered**

Chosen Option : **4**

Ans
- ✗ 1. C
- ✗ 2. B
- ✗ 3. D
- ✓ 4. A

Q.72 A man traveled at 40 kmph. Had he increased his speed by 16 kmph, he would have covered 80 km more in the same time. Find the actual distance travelled?

A. 40 km
B. 20 km
C. 30 km
D. 48 km

Question ID : 2055231186

Status : **Not Attempted**

Chosen Option : **--**

Ans
- ✗ 1. D
- ✓ 2. B
- ✗ 3. C
- ✗ 4. A

Q.73 AC is converted into DC by a

A. Condenser
B. Rectifier
C. Amplifier
D. Filter

Question ID : 2055231156

Status : **Answered**

Chosen Option : **1**

Ans
- ✗ 1. C
- ✓ 2. B
- ✗ 3. D
- ✗ 4. A

Q.74 Which one among the following does not belong to the group?

A. Maestro
B. Visa
C. Master
D. Credit Card

Question ID : 2055231161

Status : **Answered**

Chosen Option : **4**

Ans
- ✗ 1. B
- ✗ 2. C
- ✗ 3. A
- ✓ 4. D

Q.75 Statements followed by some conclusions are given below.

Statements:

1. Smoking is injurious to health and one of the causes of cancer.
2. Government has prohibited smoking in public places.

Conclusions:

I. Smoking causes cancer.
II. Sale of cigarette should be banned.

Find which of the given conclusions logically follows from the given statements.

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

Question ID : 2055231224

Status : **Not Attempted**

Chosen Option : **--**

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

Q.76 In which quadrant, will the point (4, -2) be located?

  A. I
  B. II
  C. III
  D. IV

Question ID : 2055231196

Status : **Answered**

Chosen Option : **3**

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

Q.77 If **SELFIE = LXEYBX**, then **PHYSICS = _____**

  A. IARLBVL
  B. IARLBJL
  C. IARBLJL
  D. IARBLVL

Question ID : 2055231206

Status : **Not Attempted**

Chosen Option : **--**

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

Q.78 Four pairs of words are given. Find the odd one out.

  A. Horse : Calf
  B. Deer : Fawn
  C. Fish : Fry
  D. Goat : Kid

Question ID : 2055231214

Status : **Not Attempted**

Chosen Option : **--**

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

Q.79 Rearrange the jumbled letters to make a meaningful word and then select the one which is different.

  A. OENS
  B. KWLA
  C. ALIN
  D. EDAH

Question ID : 2055231225

Status : **Answered**

Chosen Option : **4**

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

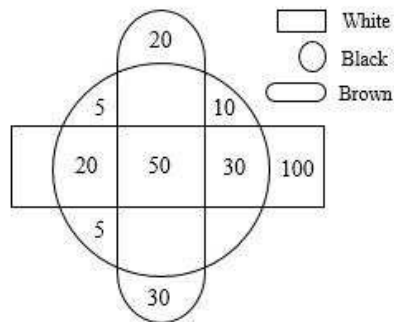**Comprehension:**

Study the following diagram and answer questions based on it.

The colour preferences of children are given.
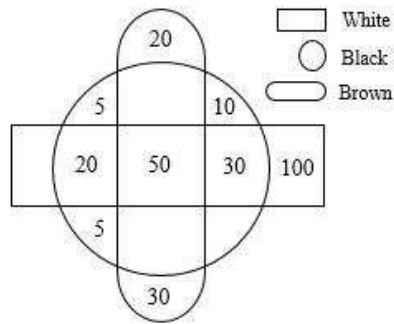
SubQuestion No : 80

Q.80 How many children like both brown and white but not black?

A. 10
B. 20
C. 50
D. None

Question ID : 2055231228
Status : **Answered**
Chosen Option : **1**

Ans ✔ 1. D

✘ 2. C

✘ 3. A

✘ 4. B

Comprehension:

Study the following diagram and answer questions based on it.

The colour preferences of children are given.

SubQuestion No : 81

Q.81 The ratio of children who like brown to those who like black is

A. 5/3
B. 1/2
C. 1
D. 5/6

Question ID : 2055231227
Status : **Answered**
Chosen Option : **1**

Ans ✔ 1. D

✘ 2. C

✘ 3. B

✘ 4. A

Comprehension:

Study the following diagram and answer questions based on it.

The colour preferences of children are given.
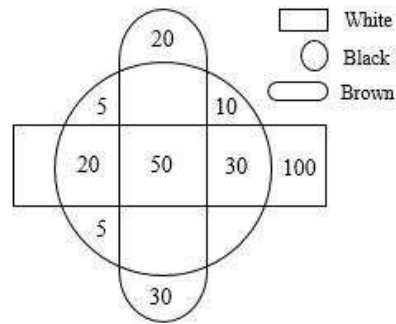
SubQuestion No : 82

Q.82 The ratio of kids who do not like black to those who like only black and white are

A. 3:1
B. 3:2
C. 12:5
D. 5:12

Ans ✗ 1. C

✔ 2. A

✗ 3. B

✗ 4. D

Q.83 'Grand Slam' refers to winning certain major tennis tournaments in a single calendar year. The name of the tournaments are

A. Australian Open, French Open and US Open
B. Australian Open, French Open, US Open and Wimbledon
C. French Open, US Open and Wimbledon
D. French Open, US Open, Wimbledon and Olympic

Ans ✗ 1. D

✗ 2. C

✔ 3. B

✗ 4. A

Q.84 Find the value of $x^3 (x^3 - x^2 - x)$, when $x = 4$.

A. 2816
B. 3328
C. 2516
D. 3332

Ans ✔ 1. A

✗ 2. B

✗ 3. C

✗ 4. D

Q.85 With effect from 1st April 2010, banks have been allowing interest on saving account balance on

A. Annual basis
B. Half yearly basis
C. Quarterly basis
D. Daily basis

Ans ✗ 1. A

✗ 2. C

✔ 3. D

✗ 4. B

Q.86

$97 \times 97 =?$

A. 9391
B. 9409
C. 9049
D. 9309

Ans ✗ 1. C

✓ 2. B

✗ 3. D

✗ 4. A

Q.87 Which of the following statement is true?

A. Global warming and climate change are two different issues.
B. Global warming will reduce the annual build-up of glacier ice.
C. Global warming may cause sea levels to go down.
D. Global warming may cause contraction of deserts.

Ans ✓ 1. B

✗ 2. A

✗ 3. D

✗ 4. C

Q.88 Which of the following books was NOT written by Dr. A. P. J. Abdul Kalam?

A. The Scientific Indian
B. Envisioning an Empowered Nation
C. My Country, My Life
D. Ignited Minds

Ans ✓ 1. C

✗ 2. A

✗ 3. D

✗ 4. B

Q.89 The value of cos (1110°) is

A. $\sqrt{3}/2$
B. $1/2$
C. $1/\sqrt{2}$
D. 1

Ans ✗ 1. C

✗ 2. D

✓ 3. B

✗ 4. A

Q.90 If sinθ = 2/3, find the value of secθ and cotθ.

A. $\sqrt{5}/2, 2/\sqrt{5}$
B. $2/\sqrt{5}, 3/5$
C. $3\sqrt{5}/5, \sqrt{5}/2$
D. $3/5, 3\sqrt{5}/5$

Ans ✗ 1. B

✗ 2. A

✗ 3. D

✓ 4. C

Q.91

ZIKA virus which damages the brain of the foetus is

A. Mosquito borne
B. Water borne
C. Air borne
D. Food borne

Ans ✔ 1. A

✘ 2. B

✘ 3. C

✘ 4. D

Q.92 Simplify: $(x^5 \div x^4)^3 \div x$

A. x^3
B. x^2
C. x
D. x^{-1}

Ans ✘ 1. D

✘ 2. A

✔ 3. B

✘ 4. C

Q.93 An article was sold for Rs. 2,400 at a discount of 20%. Find the selling price, if the discount was 25%.

A. Rs. 2,250
B. Rs. 2,000
C. Rs. 1,800
D. Rs. 2,150

Ans ✘ 1. C

✔ 2. A

✘ 3. D

✘ 4. B

Q.94 In a certain code, **134** is **AGE** and **92706** is **INERT**. What is **016923**?

A. EATING
B. RANGER
C. RATING
D. GINGER

Ans ✔ 1. C

✘ 2. B

✘ 3. D

✘ 4. A

Q.95 The name of the space shuttle, which carried the Indian born Kalpana Chawla into space was

A. Columbia
B. Challenger
C. Atlantis
D. Endeavour

Ans ✘ 1. C

✘ 2. D

✘ 3. B

✔ 4. A

Q.96

Find the similarity in the following:

Carbon, Silicon, Boron, Arsenic

A. All of them are gases.
B. All of them are non-metals.
C. All of them are metals.
D. No similarity.

Ans ✗ 1. C

✔ 2. B

✗ 3. A

✗ 4. D

Q.97 A tank can be filled in 30 minutes. There is a leakage which can empty the tank in 90 minutes. Therefore, the tank will be filled in

A. 60 minutes
B. 45 minutes
C. 55 minutes
D. 50 minutes

Question ID : 2055231184

Status : **Answered**

Chosen Option : **2**

Ans ✗ 1. C

✔ 2. B

✗ 3. D

✗ 4. A

Q.98 Prostate in human body is a

A. Connective tissue
B. Gland
C. Membrane
D. Muscle

Question ID : 2055231165

Status : **Answered**

Chosen Option : **3**

Ans ✗ 1. D

✗ 2. A

✔ 3. B

✗ 4. C

Q.99 A product was sold for Rs. 4,500 at a profit of 12.5%. What was the amount of profit?

A. Rs. 125
B. Rs. 250
C. Rs. 500
D. Rs. 300

Question ID : 2055231192

Status : **Answered**

Chosen Option : **3**

Ans ✗ 1. A

✗ 2. B

✔ 3. C

✗ 4. D

Q.10 0 Find the odd one out.

A. NaCl
B. Na_2CO_3
C. H_2O
D. He

Question ID : 2055231157

Status : **Answered**

Chosen Option : **2**

Ans ✗ 1. A

✔ 2. D

✗ 3. B

✗ 4. C