RAILWAY RECRUITMENT BOARDS
रेलवे भर्ती बोर्ड

RRB NTPC 10th April 2016 Shift 3

Roll No:	
Participants Name:	SYED TALHA
Test Center Name:	iON Digital Zone iDZ, Rajarajeswari Medical College and Hospital
Test Date:	10/04/2016
Test Time:	4:00 PM - 5:30 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

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Q.1 If $S416$ is divisible by 11, find the value of the smallest natural number S?

A. 5
B. 6
C. 7
D. 9

Question ID : 9888371792
Status : **Answered**
Chosen Option : **2**

Ans
❌ 1. B
✅ 2. D
❌ 3. C
❌ 4. A

Q.2 The Mahabodhi Temple or Great Awakening Temple is a Buddhist temple located in -

A. Tamil Nadu
B. Bihar
C. Maharashtra
D. Andhra Pradesh

Question ID : 9888371772
Status : **Answered**
Chosen Option : **4**

Ans
❌ 1. D
❌ 2. A
❌ 3. C
✅ 4. B

Q.3 The HCF and LCM of two numbers are 3 and 2001 respectively. If one of the numbers is 69, find the other number.

A. 58
B. 87
C. 29
D. 23

Question ID : 9888371798
Status : **Answered**
Chosen Option : **4**

Ans
❌ 1. D
✅ 2. B
❌ 3. A
❌ 4. C

Q.4

Question ID : 9888371832
Status : **Answered**
Chosen Option : **1**

Select the correct set of symbols:

63 7 5 4 = 49

   A. ×, -, ÷

   B. +, ÷, -

   C. +, -, ÷

   D. ÷, ×, +

Ans ✗ 1. C

      ✗ 2. B

      ✔ 3. D

      ✗ 4. A

Q.5 Who was awarded the Nobel Prize for the discovery of insulin?

   A. Frederick Banting

   B. James B. Collip

   C. Guy E. Abraham

   D. William Osler

Question ID : **9888371787**
Status : **Answered**
Chosen Option : **3**

Ans ✔ 1. A

      ✗ 2. D

      ✗ 3. B

      ✗ 4. C

Q.6 Over 70% of the Earth's surface is covered with water. What percentage of the total water on Earth is fresh water and is accessible for direct human uses?

   A. 70%

   B. 5% – 10%

   C. Less than 1%

   D. 50%

Question ID : **9888371764**
Status : **Answered**
Chosen Option : **3**

Ans ✔ 1. C

      ✗ 2. D

      ✗ 3. B

      ✗ 4. A

Q.7 How long will a sum of money take to double, if it is invested at 12.5% p.a. simple interest?

   A. 6 years

   B. 7 years

   C. 9 years

   D. 8 years

Question ID : **9888371807**
Status : **Answered**
Chosen Option : **1**

Ans ✗ 1. B

      ✗ 2. C

      ✗ 3. A

      ✔ 4. D

Q.8 The age of a father will be four times as much as that of the son two years from now. And four years from then, the father's age will be three times as much as the son's. How many years from now will the father's age be twice as much as the son's?

   A. 15 years

   B. 16 years

   C. 17 years

   D. 18 years

Question ID : **9888371810**
Status : **Answered**
Chosen Option : **1**

Ans ✗ 1. B

      ✗ 2. A

      ✔ 3. D

✗ 4. C

Comprehension:

Binay, Mina, Tarun, Rehan, Karan, Hari and Deepali are travelling in a train compartment with 3-tier sleeper berth. Each of them has a different profession of Engineer, Doctor, Architect, Physiotherapist, Lawyer, Journalist and Pathologist. They occupied two lower berths, three middle berths and two upper berths. Binay, the Engineer, is not on the upper berth. The Architect is the only other person who occupies the same type of berth as that of Binay. Mina and Hari are not on the middle berth and t~~[redacted]~~espectively. Tarun is a Physiotherapist. Deepali is neither a Journalist nor an ~~[redacted]~~. Karan occupies the same type of berth as that of the Doctor.

SubQuestion No : 9

Q.9 What is Deepali's profession?

A. Doctor

B. Architect

C. Pathologist

D. Journalist

| Question ID : 9888371846 |
| Status : **Answered** |
| Chosen Option : **1** |

Ans ✔ 1. A

✗ 2. C

✗ 3. D

✗ 4. B

Comprehension:

Binay, Mina, Tarun, Rehan, Karan, Hari and Deepali are travelling in a train compartment with 3-tier sleeper berth. Each of them has a different profession of Engineer, Doctor, Architect, Physiotherapist, Lawyer, Journalist and Pathologist. They occupied two lower berths, three middle berths and two upper berths. Binay, the Engineer, is not on the upper berth. The Architect is the only other person who occupies the same type of berth as that of Binay. Mina and Hari are not on the middle berth and their professions are Pathologist and Lawyer respectively. Tarun is a Physiotherapist. Deepali is neither a Journalist nor an Architect. Karan occupies the same type of berth as that of the Doctor.

SubQuestion No : 10

Q.10 Which of the following pairs occupy the upper berths?

A. Mina, Hari

B. Binay, Rehan

C. Binay, Mina

D. Rehan, Hari

| Question ID : 9888371847 |
| Status : **Answered** |
| Chosen Option : **1** |

Ans ✔ 1. A

✗ 2. B

✗ 3. C

✗ 4. D

Comprehension:

Binay, Mina, Tarun, Rehan, Karan, Hari and Deepali are travelling in a train compartment with 3-tier sleeper berth. Each of them has a different profession of Engineer, Doctor, Architect, Physiotherapist, Lawyer, Journalist and Pathologist. They occupied two lower berths, three middle berths and two upper berths. Binay, the Engineer, is not on the upper berth. The Architect is the only other person who occupies the same type of berth as that of Binay. Mina and Hari are not on the middle berth and their professions are Pathologist and Lawyer respectively. Tarun is a Physiotherapist. Deepali is neither a Journalist nor an Architect. Karan occupies the same type of berth as that of the Doctor.

SubQuestion No : 11

Q.11 Who among the following is the Architect?

A. Rehan

B. Karan

C. Tarun

D. Hari

	Question ID : **9888371845**
	Status : **Answered**
	Chosen Option : **4**

Ans   ✗ 1. B

✔ 2. A

✗ 3. D

✗ 4. C

Q.12 Choose the pair which is related in the same way as the words in the first pair from the given choices.

LENGTH : METER :: FORCE : _____

A. WATT

B. NEWTON

C. PASCAL

D. OHM

	Question ID : **9888371833**
	Status : **Answered**
	Chosen Option : **1**

Ans   ✗ 1. A

✗ 2. D

✗ 3. C

✔ 4. B

Q.13 Which is the largest human cell?

A. Liver

B. Spleen

C. Skin

D. Ovum

	Question ID : **9888371781**
	Status : **Answered**
	Chosen Option : **3**

Ans   ✗ 1. C

✗ 2. A

✔ 3. D

✗ 4. B

Q.14 Which of the following is the study of humans?

A. Archaeozoology

B. Archaeology

C. Anthropology

D. Andrology

	Question ID : **9888371775**
	Status : **Answered**
	Chosen Option : **4**

Ans   ✗ 1. D

✗ 2. B

✗ 3. A

✔ 4. C

Q.15

	Question ID : **9888371826**
	Status : **Answered**
	Chosen Option : **3**

If **HOUSE** is coded as **10-17-23-21-7** then **PRESENT** is coded as –

   A. 18-21-7-20-7-16-22

   B. 18-20-7-19-7-16-20

   C. 18-19-7-20-7-16-21

   D. 18-20-7-21-7-16-22

Ans   ✗ 1. A

      ✗ 2. C

      ✔ 3. D

      ✗ 4. B

Q.16 I.S.R.O. stands for -

   A. Indian Satellite Research Organisation

   B. Indian Space Research Organisation

   C. India's Space Reformation Organisation

   D. India's Solar Research Organisation

| Question ID : 9888371791 |
| Status : **Answered** |
| Chosen Option : **1** |

Ans   ✔ 1. B

      ✗ 2. D

      ✗ 3. A

      ✗ 4. C

Q.17 Rita said, "He is my mother's paternal grandfather's only great granddaughter's son-in-law". How is he related to Rita?

   A. Son-in-law

   B. Husband

   C. Brother

   D. Son

| Question ID : 9888371836 |
| Status : **Answered** |
| Chosen Option : **3** |

Ans   ✗ 1. C

      ✗ 2. B

      ✔ 3. A

      ✗ 4. D

Comprehension:

A certain school offers three extracurricular activities: Basketball, Cricket, or Football. Students must participate in at least one, and may participate in two or even in all three. There are 120 students in the school. There are 70 students in Basketball, 73 in Cricket, and 45 in Football. Furthermore, 37 students are in both Basketball and Cricket, 20 are in both Basketball and Football, and 8 students are in all three groups. Twenty-five students are just in Cricket, not in anything else.

SubQuestion No : 18

Q.18 How many students participate in only Football?

   A. 12

   B. 14

   C. 11

   D. 21

| Question ID : 9888371849 |
| Status : **Answered** |
| Chosen Option : **3** |

Ans   ✗ 1. D

      ✗ 2. C

      ✗ 3. A

      ✔ 4. B

Comprehension:

A certain school offers three extracurricular activities: Basketball, Cricket, or Football. Students must participate in at least one, and may participate in two or even in all three. There are 120 students in the school. There are 70 students in Basketball, 73 in Cricket, and 45 in Football. Furthermore, 37 students are in both Basketball and Cricket, 20 are in both Basketball and Football, and 8 students are in all three groups. Twenty-five students are just in Cricket, not in anything else.

SubQuestion No : 19

Q.19 How many stud███████████████████████████?

███████████████████████████

A. 70

B. 8

C. 43

D. 60

| Question ID : 9888371851 |
| Status : **Answered** |
| Chosen Option : **2** |

Ans   ✗ 1. C

✔ 2. D

✗ 3. A

✗ 4. B

Comprehension:

A certain school offers three extracurricular activities: Basketball, Cricket, or Football. Students must participate in at least one, and may participate in two or even in all three. There are 120 students in the school. There are 70 students in Basketball, 73 in Cricket, and 45 in Football. Furthermore, 37 students are in both Basketball and Cricket, 20 are in both Basketball and Football, and 8 students are in all three groups. Twenty-five students are just in Cricket, not in anything else.

SubQuestion No : 20

Q.20 How many students participate in only Basketball?

A. 29

B. 15

C. 21

D. 5

| Question ID : 9888371850 |
| Status : **Answered** |
| Chosen Option : **1** |

Ans   ✔ 1. C

✗ 2. A

✗ 3. D

✗ 4. B

Q.21 The length of a rectangle is 24 more than its breadth. If the perimeter of the rectangle is 112 cm, what is its length?

A. 40 cm
B. 16 cm
C. 24 cm
D. 32 cm

| Question ID : 9888371816 |
| Status : **Answered** |
| Chosen Option : **2** |

Ans   ✗ 1. D

✔ 2. A

✗ 3. B

✗ 4. C

Q.22 A man, facing north, starts walking towards west. After 15 km, he turns left and walks for 20 km. How far away is he from his original position?

A. 26 km
B. 27 km
C. 28 km
D. 25 km

| Question ID : 9888371815 |
| Status : **Answered** |
| Chosen Option : **1** |

Ans ✓ 1. D

✗ 2. A

✗ 3. C

✗ 4. B

Q.23 What is the Atomic Number of an atom which has 10 protons and 11 neutrons?

A. 1

B. 10

C. 11

D. 21

Question ID : **9888371774**

Status : **Answered**

Chosen Option : **3**

Ans ✗ 1. A

✓ 2. B

✗ 3. D

✗ 4. C

Q.24 Given below is a statement followed by some conclusions. You have to take the given statement to be true even if it seems to be at variance with the commonly known facts.

Statement:

From the next academic year, students will have the option of dropping Marathi and Social Science for their final examination.

Conclusions:

I. Students who are weak in Marathi and Social Science will be allowed to take their final examination.

II. Earlier the students did not have the choice of continuing their education without these subjects.

Decide which of the given conclusions logically follow(s) from the above.

A. Only conclusion I follows

B. Only conclusion II follows

C. Both I and II follow

D. Neither of them follows

Question ID : **9888371852**

Status : **Answered**

Chosen Option : **4**

Ans ✗ 1. D

✓ 2. C

✗ 3. A

✗ 4. B

Q.25 Which of the following is treated as the boundary between India and Pakistan?

A. Marginal Line

B. Order – Neisse Line

C. Mason – Dixen Line

D. Radcliffe Line

Question ID : **9888371757**

Status : **Answered**

Chosen Option : **2**

Ans ✗ 1. B

✓ 2. D

✗ 3. C

✗ 4. A

Q.26 Below are given statements. You have to take the given statements to be true even if they seem to be at variance with the commonly known facts

Statements:

A. Some lakes are rivers.

B. All streams are rivers.

Decide which of the conclusions below logically follow the statements.

A. All streams are lakes

B. Some rivers are streams

C. Some lakes are streams

D. All rivers are streams

Question ID : **9888371843**

Status : **Answered**

Chosen Option : **1**

Ans ✗ 1. D

✓ 2. B

✗ 3. A

✗ 4. C

Q.27

Question ID : **9888371786**

Status : **Answered**

Which acid is used in the body to help digestion?

Chosen Option : 2

A. Boric Acid

B. Acetic Acid

C. Sulphuric Acid

D. Hydrochloric Acid

Ans ✗ 1. A

✗ 2. B

✗ 3. C

✔ 4. D

Q.28 P does a journey of 35 hours, covering the first half at 30 km/hr and the second half at 40 km/hr. Find the distance of the journey.

A. 1000 km
B. 1200 km
C. 1360 km
D. 1080 km

Question ID : 9888371804

Status : **Answered**

Chosen Option : 1

Ans ✗ 1. D

✔ 2. B

✗ 3. C

✗ 4. A

Q.29 If '+' means ×, '-' means ÷, '×' means + and '÷' means – ; compute the value of the expression:

48 - 3 + 8 × 9

A. 136
B. 137
C. 138
D. 142

Question ID : 9888371830

Status : **Answered**

Chosen Option : 1

Ans ✔ 1. B

✗ 2. C

✗ 3. D

✗ 4. A

Q.30 Who continued to be the Governor – General of India even after independence?

A. Louis Mountbatten

B. Archibald Wavell

C. Victor Hope

D. Freeman Freeman-Thomas

Question ID : 9888371759

Status : **Answered**

Chosen Option : 4

Ans ✗ 1. B

✗ 2. C

✗ 3. D

✔ 4. A

Q.31 If '@' means ×, '*' means ÷, '$' means + and '#' means – ; compute the value of the expression:

16 $ 4 @ 5 # 72 * 8

A. 25
B. 27
C. 29
D. 31

Question ID : 9888371825

Status : **Answered**

Chosen Option : 1

Ans ✗ 1. A

✔ 2. B

✗ 3. D

✗ 4. C

Q.32 The hypotenuse of a right triangle is 1 m less than twice the shortest side. If the third side is 1 m more than the shortest side, what is the length of the hypotenuse of the triangle?

    A. 5 m
    B. 13 m
    C. 12 m
    D. 7 m

Ans ✗ 1. B

    ✗ 2. D

    ✗ 3. C

    ✔ 4. A

Question ID : **9888371812**

Status : **Answered**

Chosen Option : **1**

Q.33 The expression $\cos 100^o \cos 10^o + \sin 100^o \sin 10^o$ is equivalent to

    A. 0

    B. $\cos 110^o$

    C. $\sin 110^o$

    D. 1

Ans ✔ 1. A

    ✗ 2. C

    ✗ 3. B

    ✗ 4. D

Question ID : **9888371817**

Status : **Answered**

Chosen Option : **2**

Q.34 If value of mode is 14 and value of arithmetic mean is 5 then the value of median is

    A. 8
    B. 18
    C. 12
    D. 14

Ans ✗ 1. B

    ✗ 2. D

    ✗ 3. C

    ✔ 4. A

Question ID : **9888371820**

Status : **Answered**

Chosen Option : **1**

Q.35 Which of the following metals is used in photo films?

    A. Magnesium

    B. Silver

    C. Mercury

    D. Platinum

Ans ✗ 1. C

    ✗ 2. D

    ✗ 3. A

    ✔ 4. B

Question ID : **9888371788**

Status : **Answered**

Chosen Option : **4**

Q.36 Compute: $0.00048 \div 0.08$

    A. 0.06

    B. 0.006

    C. 0.0006

    D. 0.6

Ans ✗ 1. D

Question ID : **9888371796**

Status : **Answered**

Chosen Option : **3**

✘ 2. C

✔ 3. B

✘ 4. A

Q.37 A certain sum of money was invested at simple interest at a certain rate for 5 years. Had it been invested at 4% higher rate, it would have yielded Rs. 800 more. What was the principal invested?

A. Rs. 3500
B. Rs. 4000
C. Rs. 4500
D. Rs. 5000

Ans ✘ 1. D

✘ 2. A

✔ 3. B

✘ 4. C

Question ID : **9888371806**

Status : **Answered**

Chosen Option : **2**

Q.38 Mary is Adam's paternal grandfather's only son's granddaughter. If Adam has no siblings, how is Mary related to Adam?

A. Daughter
B. Sister
C. Wife
D. Cousin

Ans ✘ 1. C

✘ 2. D

✔ 3. A

✘ 4. B

Question ID : **9888371842**

Status : **Answered**

Chosen Option : **2**

Q.39 Choose the pair which is related in the same way as the words in the first pair from the given choices.
TEMPERATURE : THERMOMETER :: PRESSURE : _____

A. ANEMOMETER
B. BAROMETER
C. SIESMOGRAPH
D. AMMETER

Ans ✔ 1. B

✘ 2. D

✘ 3. C

✘ 4. A

Question ID : **9888371834**

Status : **Answered**

Chosen Option : **1**

Q.40 What is the age of retirement of Supreme Court Judges?

A. 65 years

B. 67 years

C. 66 years

D. 70 years

Ans ✘ 1. B

✘ 2. C

✘ 3. D

✔ 4. A

Question ID : **9888371766**

Status : **Answered**

Chosen Option : **4**

Q.41 Ozone is found in two regions of the Earth's atmosphere – at ground level and in the upper regions of the atmosphere. While upper atmospheric ozone protects the earth from the sun's harmful rays, ground level ozone is the main component of -

A. Methane
B. Smog
C. Lead
D. Sulfur Oxide

Ans ✘ 1. A

✘ 2. D

✘ 3. C

Question ID : **9888371765**

Status : **Answered**

Chosen Option : **1**

✔ 4. B

Q.42 What is the full form of ADH?

A. Anti-Diuretic Hormone

B. Acidic Diuretic Hormone

C. Adhesive Diuretic Hormone

D. Adhesi~~ve Double Hormone~~

Question ID : 9888371783

Status : **Answered**

Chosen Option : **2**

Ans ✔ 1. A

✘ 2. D

✘ 3. B

✘ 4. C

Q.43 $9.16 \times 4.2 =$

A. 36.412

B. 35.442

C. 38.472

D. 39.512

Question ID : 9888371797

Status : **Answered**

Chosen Option : **2**

Ans ✘ 1. A

✘ 2. D

✘ 3. B

✔ 4. C

Q.44 Who had performed the world's first human heart transplant?

A. Norman Shumway

B. Christiaan Barnard

C. Nikolai Sinitsyn

D. James Hardy

Question ID : 9888371785

Status : **Answered**

Chosen Option : **3**

Ans ✘ 1. C

✘ 2. D

✘ 3. A

✔ 4. B

Q.45 Simplify: $(2/3 + 3/5) \div (2/3 + 2/5)$

A. 1

B. 19/16

C. 15/16

D. 13/16

Question ID : 9888371794

Status : **Answered**

Chosen Option : **1**

Ans ✘ 1. A

✘ 2. D

✘ 3. C

✔ 4. B

Q.46

Question ID : 9888371782

Saurology is the study of _____.

A. Mosquito

B. Lizard

C. Cockroach

D. Snake

Status : **Answered**

Chosen Option : **2**

Ans   ✗ 1. A

         ✓ 2. B

         ✗ 3. C

         ✗ 4. D

Q.47 Given below is a statement followed by some conclusions. You have to take the given statement to be true even if it seems to be at variance with the commonly known facts.

Statement:
The distance of 609 km by road between Mumbai and Goa will be reduced to 214 km by sea. This will lead to a saving of Rs. 6.75 crores per annum on fuel.

Conclusions:
I. Transportation by sea is cheaper than that by road.
II. Fuel must be saved to the greatest extent.

Decide which of the given conclusions logically follow the above information.

A. Only conclusion I follows
B. Only conclusion II follows
C. Both I and II follow
D. Neither of them follows

Question ID : **9888371854**

Status : **Answered**

Chosen Option : **3**

Ans   ✗ 1. A

         ✗ 2. D

         ✗ 3. C

         ✓ 4. B

Q.48 The difference between two positive numbers is 80 and the ratio between them is 5:3. Find the product of the two numbers.

A. 24000
B. 12000
C. 36000
D. 48000

Question ID : **9888371801**

Status : **Answered**

Chosen Option : **1**

Ans   ✗ 1. B

         ✗ 2. C

         ✓ 3. A

         ✗ 4. D

Q.49 The Civil Disobedience Movement, Quit India Movement, was launched by Mahatma Gandhi on -

A. 15th August 1945
B. 8th August 1942
C. 8th July 1942
D. 15th July 1945

Question ID : **9888371760**

Status : **Answered**

Chosen Option : **4**

Ans   ✗ 1. C

         ✗ 2. A

         ✗ 3. D

         ✓ 4. B

Q.50 A sound wave is modeled by the curve $y = 5\sin 4x$. What is the period of this curve?

A. 2π
B. 4π
C. $\pi/2$
D. π

Question ID : **9888371818**

Status : **Answered**

Chosen Option : **1**

Ans   ✗ 1. D

         ✗ 2. A

         ✗ 3. B

✓ 4. C

Q.51 Choose the one which is different or odd from the following.

A. Agartala

B. Tripura

C. Kohima

D. Shillong

Ans ✓ 1. B

✗ 2. D

✗ 3. A

✗ 4. C

Question ID : **9888371822**

Status : **Answered**

Chosen Option : **1**

Q.52 If the code for **PURE** is **QTSD** then what is the code for **WATER**?

A. XZUDS

B. XBUFS

C. XYUCS

D. OZSDQ

Ans ✗ 1. B

✗ 2. C

✓ 3. A

✗ 4. D

Question ID : **9888371829**

Status : **Answered**

Chosen Option : **3**

Q.53 Which of the following movement was instrumental in ending Portuguese colonial rule in Goa?

A. Goa Liberation Movement

B. Goa Non Cooperation Movement

C. Goa Peace March

D. Goa Non Aligned Movement

Ans ✓ 1. A

✗ 2. D

✗ 3. B

✗ 4. C

Question ID : **9888371758**

Status : **Answered**

Chosen Option : **1**

Q.54 Find the LCM of 13/31, 23/62 and 48/93.

A. 14352/31

B. 14452/31

C. 15432/31

D. 12534/31

Ans ✗ 1. B

✗ 2. D

✓ 3. A

✗ 4. C

Question ID : **9888371799**

Status : **Answered**

Chosen Option : **2**

Q.55

Question ID : **9888371823**

Status : **Answered**

Chosen Option : **1**

Below are given statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with the commonly known facts.

Statements:

    A. All buses are trucks.

    B. All trucks are trains.

Conclusions:

    I. No train is a bus.

    II. Some trucks are buses.

Decide which of the given conclusions logically follow(s) from the given statements.

    A. Only conclusion I follows

    B. Only conclusion II follows

    C. Both I and II follow

    D. Neither of them follows ███████████████████████

Ans ✔ 1. B ███████████████████████

    ✘ 2. D

    ✘ 3. C

    ✘ 4. A

Q.56 Financial emergency in the Republic of India can only be declared by the -

    A. President

    B. Prime Minister

    C. Finance Minister

    D. Governor of RBI

Ans ✘ 1. C

    ✘ 2. B

    ✔ 3. A

    ✘ 4. D

Question ID : 9888371767

Status : **Answered**

Chosen Option : **3**

Q.57 If **Z =26 and ZIP = 51 then ZEAL =**

    A. 44

    B. 45

    C. 43

    D. 46

Ans ✔ 1. A

    ✘ 2. B

    ✘ 3. D

    ✘ 4. C

Question ID : 9888371827

Status : **Answered**

Chosen Option : **1**

Q.58 If cost price is doubled, the profit is quadrupled. Find the profit percent.

    A. 50%

    B. 100%

    C. 200%

    D. 25%

Ans ✔ 1. A

    ✘ 2. C

    ✘ 3. B

    ✘ 4. D

Question ID : 9888371814

Status : **Answered**

Chosen Option : **1**

Comprehension:

Study the following table and answer the questions based on it.

Below is the Household Expenditure (in Thousand Rupees) per annum.

Year	Household Expenditure				
	Grocery	Rent	Leisure	EMI	Taxes
2011	42	13	15	4.4	19
2012	47	15	16.5	5.5	23
2013	56	17	17.3	6.6	27
2014	58	19	17.9	7.4	28
2015	62	21	18.5	8.4	29

SubQuestion No : 59

Q.59 What is the average spending on **Leisure** per annum?

A. Rs. 17,040

B. Rs. 16,500

C. Rs. 17,100

D. Rs. 17,400

Question ID : 9888371838
Status : **Answered**
Chosen Option : **2**

Ans ✗ 1. D

✗ 2. B

✔ 3. A

✗ 4. C

Comprehension:

Study the following table and answer the questions based on it.

Below is the Household Expenditure (in Thousand Rupees) per annum.

Year	Household Expenditure				
	Grocery	Rent	Leisure	EMI	Taxes
2011	42	13	15	4.4	19
2012	47	15	16.5	5.5	23
2013	56	17	17.3	6.6	27
2014	58	19	17.9	7.4	28
2015	62	21	18.5	8.4	29

SubQuestion No : 60

Q.60 Expenditure on EMI forms what percentage of expenditure on **Grocery** for the year 2014?

A. 12.76%

B. 14.23%

C. 13.22%

D. 15.55%

Question ID : 9888371839
Status : **Answered**
Chosen Option : **1**

Ans ✔ 1. A

✗ 2. C

✗ 3. B

✗ 4. D

Comprehension:

Study the following table and answer the questions based on it.

Below is the Household Expenditure (in Thousand Rupees) per annum.

Year	Household Expenditure				
	Grocery	Rent	Leisure	EMI	Taxes
2011	42	13	15	4.4	19
2012	47	15	16.5	5.5	23
2013	56	17	17.3	6.6	27
2014	58	19	17.9	7.4	28
2015	62	21	18.5	8.4	29

SubQuestion No : 61

Q.61 What is the total household expenditure for the year 2012?

A. Rs. 109,000

B. Rs. 107,000

C. Rs. 106,000

D. Rs. 108,000

Question ID : 9888371840	
Status : **Answered**	
Chosen Option : **3**	

Ans ✗ 1. C

✗ 2. D

✔ 3. B

✗ 4. A

Q.62 What would happen to the mean if all of the scores were converted by subtracting 10 points from each score?

A. The mean would be unchanged

B. The mean would increase by 10 points

C. The mean would decrease by 10 points

D. The mean would decrease by an amount equal to 10 points divided by the number of participants

Question ID : 9888371821	
Status : **Answered**	
Chosen Option : **1**	

Ans ✔ 1. C

✗ 2. D

✗ 3. A

✗ 4. B

Q.63 DVD stands for -

A. Dynamic Volatile Disc

B. Dynamic Virtual Disc

C. Digital Versatile Disc

D. Digital Visual Disc

Question ID : 9888371780	
Status : **Answered**	
Chosen Option : **3**	

Ans ✗ 1. D

✗ 2. B

✔ 3. C

✗ 4. A

Q.64 The Red Fort was the residence of the Mughal emperor of India for nearly 200 years. It was built by -

A. Babur

B. Jahangir

C. Akbar

D. Shah Jahan

Question ID : 9888371771	
Status : **Answered**	
Chosen Option : **2**	

Ans ✗ 1. B

✔ 2. D

✗ 3. C

✗ 4. A

Q.65 Anirban Lahiri is associated with -

A. Shooting

B. Golf

C. Boxing

D. Swimming

Question ID : **9888371763**

Status : **Answered**

Chosen Option : **1**

Ans
✗ 1. A
✓ 2. B
✗ 3. D
✗ 4. C

Q.66 Which of the following is NOT a computer operating system?

A. Unix

B. Linux

C. Pascal

D. BareMetal

Question ID : **9888371778**

Status : **Answered**

Chosen Option : **1**

Ans
✗ 1. D
✗ 2. B
✓ 3. C
✗ 4. A

Q.67 Rearrange the following jumbled sentences to make a meaningful one:

P: is increasing acceptance of

Q: though India's share in the

R: horticulture produce from the country

S: global market is still nearly 1% only there

The proper sequence should be:

A. SRQP

B. QSPR

C. PQRS

D. QRPS

Question ID : **9888371824**

Status : **Answered**

Chosen Option : **4**

Ans
✗ 1. C
✗ 2. A
✗ 3. D
✓ 4. B

Q.68 Which of the following was launched with the primary mission to perform a flyby study of Pluto?

A. New Planets

B. New Horizons

C. Cassini Solstice Mission

D. Europa Mission

Question ID : **9888371777**

Status : **Answered**

Chosen Option : **3**

Ans
✓ 1. B
✗ 2. A
✗ 3. D
✗ 4. C

Q.69 A shopkeeper marks the price of an article at Rs. 640. Find the cost price if after allowing a discount of 10%, he still gains 20% on the cost price.

    A. Rs. 560
    B. Rs. 480
    C. Rs. 600
    D. Rs. 700

Question ID : 9888371809

Status : **Answered**

Chosen Option : 1

Ans
  ❌ 1. C
  ✅ 2. B
  ❌ 3. D
  ❌ 4. A

Q.70 M A Chidambaram Trophy for best woman cricketer of 2014-15 was awarded to -

    A. Jhulan Goswami
    B. Mitali Raj
    C. Harmanpreet Kaur
    D. Anjum Chopra

Question ID : 9888371768

Status : **Answered**

Chosen Option : 1

Ans
  ❌ 1. D
  ❌ 2. C
  ✅ 3. B
  ❌ 4. A

Q.71 From which of the following satellite series was the first Indian satellite launched using an Indian launch vehicle?

    A. INSAT
    B. Aryabhata
    C. Bhaskara
    D. Rohini

Question ID : 9888371790

Status : **Answered**

Chosen Option : 3

Ans
  ✅ 1. D
  ❌ 2. C
  ❌ 3. A
  ❌ 4. B

Q.72 P and Q can complete a job together in 12 days. P alone does it in 20 days. Working alone, how much time will Q take to complete the job?

    A. 30 days
    B. 20 days
    C. 25 days
    D. 35 days

Question ID : 9888371802

Status : **Answered**

Chosen Option : 1

Ans
  ✅ 1. A
  ❌ 2. D
  ❌ 3. C
  ❌ 4. B

Q.73 Which of the following statements is true?

    A. Heat is the same thing as Temperature.
    B. Force is a form of energy.
    C. Moon has no gravity.
    D. A car moving at constant speed has no acceleration.

Question ID : 9888371773

Status : **Answered**

Chosen Option : 2

Ans
  ❌ 1. C
  ❌ 2. B
  ❌ 3. A
  ✅ 4. D

Q.74

Question ID : 9888371789

Status : **Answered**

Chosen Option : 4

Which instrument is used in submarine to see the objects above sea level?

A. Pyrometer

B. Epidiascope

C. Periscope

D. Odometer

Ans ✗ 1. D

✗ 2. B

✗ 3. A

✔ 4. C

Q.75 M and N travel the same distance at the rate of 80 km/hr and 100 km/hr respectively. If M takes 30 minutes longer than N, the distance travelled by each is:

A. 60 km

B. 100 km

C. 160 km

D. 200 km

Question ID : 9888371805

Status : **Answered**

Chosen Option : **1**

Ans ✗ 1. B

✗ 2. C

✗ 3. A

✔ 4. D

Q.76 Given below is a statement followed by some conclusions. You have to take the given statement to be true even if it seems to be at variance with the commonly known facts and then decide which of the given conclusions logically follow(s) from the given statement.

Statement:

Cactus plant has thick leaves and it requires little water.

Conclusions:

I. All plants with thick leaves require little water.

II. Cactus may be grown in places where water is scarce.

A. Only conclusion I follows

B. Only conclusion II follows

C. Both I and II follow

D. Neither of them follows

Question ID : 9888371853

Status : **Answered**

Chosen Option : **1**

Ans ✗ 1. C

✔ 2. B

✗ 3. A

✗ 4. D

Q.77 30 men working 5 hours a day can do a task in 16 days. In how many days will 20 men working 8 hours a day do the same task?

A. 12 days

B. 15 days

C. 18 days

D. 20 days

Question ID : 9888371803

Status : **Answered**

Chosen Option : **2**

Ans ✗ 1. C

✔ 2. B

✗ 3. D

✗ 4. A

Q.78 Which of the following carries impure blood?

A. Pulmonary vein

B. Alveoli

C. Pulmonary artery

D. Aorta

Question ID : 9888371784

Status : **Answered**

Chosen Option : **2**

Ans ✔ 1. C

✗ 2. D

✗ 3. A

✗ 4. B

Q.79 Which of the following is the largest desert of India?

A. Thar desert

B. Kara Kum desert

C. Gobi desert

D. Kutch desert

Question ID : 9888371756

Status : **Answered**

Chosen Option : 1

Ans ✔ 1. A

✗ 2. B

✗ 3. D

✗ 4. C

Q.80 In 2015, which of the following was discovered as the new state of matter?

A. Jahn-Renner Metals

B. Jahn-Teller Metals

C. Renner-Teller Metals

D. Jahn-Renner-Teller Metals

Question ID : 9888371776

Status : **Answered**

Chosen Option : 1

Ans ✗ 1. A

✗ 2. C

✔ 3. B

✗ 4. D

Q.81 Who among the following won the 2016 Malaysia Masters Grand Prix Badminton title?

A. Saina Nehwal

B. P V Sindhu

C. Jwala Gutta

D. Ashwini Ponnappa

Question ID : 9888371754

Status : **Answered**

Chosen Option : 1

Ans ✗ 1. A

✗ 2. C

✗ 3. D

✔ 4. B

Q.82 If **BAMBOO = YZNYLL** then **COCONUT =**

A. XLXLMRQ

B. ZLZLMRQ

C. XLXLMFG

D. ZLZLMFG

Question ID : 9888371828

Status : **Answered**

Chosen Option : 4

Ans ✗ 1. D

✗ 2. A

✔ 3. C

✗ 4. B

Q.83 An equilateral triangle is formed such that two of its vertices are on the diameter of a circle and the third on the circle. If the area of the circle is 48π, what is the side of the triangle?

A. 8

B. 4

C. 8/√3

D. 4√3

Question ID : 9888371813

Status : **Answered**

Chosen Option : 1

Ans ✔ 1. D

2. C ✗

3. A ✗

4. B ✗

Q.84 For a Computer, 1024 bytes = _____

A. 1 KB

B. 1 MB

C. 1 GB

D. 1 TB

Question ID : **9888371779**

Status : **Answered**

Chosen Option : **4**

Ans

1. D ✗

2. A ✓

3. C ✗

4. B ✗

Q.85 Which among the following is true for the given numbers?

A. 13/41 < 32/67 < 45/81 < 23/53

B. 13/41 < 23/53 < 45/81 < 32/67

C. 13/41 < 32/67 < 23/53 < 45/81

D. 13/41 < 23/53 < 32/67 < 45/81

Question ID : **9888371795**

Status : **Answered**

Chosen Option : **2**

Ans

1. D ✓

2. A ✗

3. C ✗

4. B ✗

Q.86 The sum of digits of a two-digit number is 10. When the digits are reversed, the number decreases by 36. Find the changed number.

A. 82

B. 73

C. 37

D. 28

Question ID : **9888371793**

Status : **Answered**

Chosen Option : **1**

Ans

1. B ✗

2. D ✗

3. A ✗

4. C ✓

Q.87 In 2015, who among the following won gold medal in the 10-meter Air Rifle event at the 59th National Shooting Championship in Delhi?

A. Apurvi Chandela

B. Chain Singh

C. Anjum Moudgil

D. Gagan Narang

Question ID : **9888371762**

Status : **Answered**

Chosen Option : **2**

Ans

1. B ✗

2. A ✓

3. D ✗

4. C ✗

Q.88 Which country ranked first in the Charities Aid Foundation's World Giving Index 2015?

A. Myanmar

B. United States of America

C. New Zealand

D. Canada

Question ID : **9888371752**

Status : **Answered**

Chosen Option : **1**

Ans

1. B ✗

✔ 2. A

✘ 3. D

✘ 4. C

Q.89 Choose the one which is different or odd from the following.

   A. Aquamarine

   B. Topaz

   C. Ruby

   D. Gold

Question ID : **9888371835**

Status : **Answered**

Chosen Option : **4**

Ans   ✘ 1. B

✘ 2. C

✔ 3. D

✘ 4. A

Q.90 Which of the following is not a measure of central tendency?

   A. Mean

   B. Median

   C. Mode

   D. Range

Question ID : **9888371819**

Status : **Answered**

Chosen Option : **1**

Ans   ✘ 1. A

✔ 2. D

✘ 3. C

✘ 4. B

Q.91 Who among the following was awarded BCCI's Cricketer of the Year award?

   A. M. S. Dhoni

   B. Virat Kohli

   C. Suresh Raina

   D. Ravindra Jadeja

Question ID : **9888371761**

Status : **Answered**

Chosen Option : **3**

Ans   ✘ 1. C

✘ 2. D

✔ 3. B

✘ 4. A

Q.92 A shopkeeper purchases oranges at Rs. 60 per hundred. He spends 15% on transportation. What should be the selling price per hundred to earn a profit of 20%?

   A. Rs. 72

   B. Rs. 81.8

   C. Rs. 82.8

   D. Rs. 83.8

Question ID : **9888371808**

Status : **Answered**

Chosen Option : **1**

Ans   ✘ 1. B

✔ 2. C

✘ 3. D

✘ 4. A

Q.93 How is Pooja related to Karan if he introduced her as his mother's father's only daughter's only daughter-in-law?

   A. Daughter

   B. Paternal Aunt

   C. Maternal Aunt

   D. Wife

Question ID : **9888371841**

Status : **Answered**

Chosen Option : **2**

Ans   ✘ 1. C

✓ 2. D

✗ 3. A

✗ 4. B

Q.94 If '+' means ×, '-' means ÷, '×' means + and '÷' means − ; compute the value of the expression:

19 + 5 × 14 ÷ 9

A. 100

B. 107

C. 109

D. 104

Question ID : **9888371831**	
Status : **Answered**	
Chosen Option : **2**	

Ans ✗ 1. D

✓ 2. A

✗ 3. C

✗ 4. B

Q.95 If three numbers are in the ratio of 3:2:1, and half the sum is 36, then the square of the smallest of the three numbers is:

A. 144

B. 12

C. 576

D. 36

Question ID : **9888371800**	
Status : **Answered**	
Chosen Option : **2**	

Ans ✗ 1. D

✗ 2. B

✓ 3. A

✗ 4. C

Q.96 In August 2015, which of the following persons accepted Maharashtra government's proposal to be the Tiger Ambassador of the State?

A. Amitabh Bachchan

B. Aamir Khan

C. Sachin Tendulkar

D. Juhi Chawla

Question ID : **9888371769**	
Status : **Answered**	
Chosen Option : **2**	

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.97 In 2015, which of the following telecom service providers launched 'Project Leap' to enhance the quality of Voice and Data services?

A. Airtel

B. Vodafone

C. Reliance

D. Tata DOCOMO

Question ID : **9888371753**	
Status : **Answered**	
Chosen Option : **2**	

Ans ✗ 1. B

✓ 2. A

✗ 3. D

✗ 4. C

Q.98 Kudankulam Nuclear Power Plant is located in -

A. Gujarat

B. Tamil Nadu

C. Karnataka

D. Andhra Pradesh

Question ID : **9888371755**	
Status : **Answered**	
Chosen Option : **3**	

Ans ✗ 1. C

✗ 2. D

✓ 3. B

✗ 4. A

Q.99 The sum of a two digit number and the number obtained by reversing the order of its digits is 99. If the two digits differ by 3, find the number.

    A. 27
    B. 63
    C. 45
    D. 54

Question ID : **9888371811**

Status : **Answered**

Chosen Option : **1**

Ans ✗ 1. C

    ✗ 2. A

    ✗ 3. D

    ✓ 4. B

Q.100 Brihadeeshwarar Temple is a Hindu temple dedicated to Shiva located in Thanjavur in the Indian state of Tamil Nadu. It was built to grace the throne of -

    A. Chola Empire
    B. Mauryan Empire
    C. Gupta Empire
    D. Mughal Empire

Question ID : **9888371770**

Status : **Answered**

Chosen Option : **4**

Ans ✗ 1. D

    ✗ 2. C

    ✗ 3. B

    ✓ 4. A