RAILWAY RECRUITMENT BOARDS
रेलवे भर्ती बोर्ड

RRB NTPC 2nd April 2016 Shift 2

Test Date:	02/04/2016
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

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Q.1 Rearrange the following jumbled sentences to make a meaningful one:

P: weather conditions across a vast geographic

Q: the climate of India

R: scale and varied topography

S: comprises of a wide range of

The proper sequence should be:

   A. SRQP
   B. QSPR
   C. PQRS
   D. QRPS

Question ID : 988837900
Status : **Answered**
Chosen Option : **2**

Ans ✘ 1. A

   ✔ 2. B

   ✘ 3. C

   ✘ 4. D

Q.2 Choose the pair which is related in the same way as the words in the first pair from the given choices.

SOLDIERS : ARMY :: MUSICIANS : _____

   A. FLOCK
   B. GANG
   C. COLONY
   D. BAND

Question ID : 988837926
Status : **Answered**
Chosen Option : **2**

Ans ✘ 1. C

   ✔ 2. D

   ✘ 3. B

   ✘ 4. A

Q.3 The process when the computer is switched on and the operating system gets loaded from hard disk to main memory is called -

   A. Booting
   B. Fetching
   C. Processing
   D. Multi-Processing

Question ID : 988837858
Status : **Answered**
Chosen Option : **2**

Ans ✘ 1. B

   ✔ 2. A

   ✘ 3. C

   ✘ 4. D

Q.4

Question ID : 988837843
Status : **Answered**

Which Indian won the 2014 Nobel Prize for Peace?

A. Kailash Satyarthi
B. Malala Yosufzai
C. Sanjiv Chaturvedi
D. Anshu Gupta

Ans
✗ 1. C
✗ 2. B
✗ 3. D
✔ 4. A

Q.5 If three numbers are in the ratio 2:3:5 and the twice their sum is 100. Find the square of the largest of the three numbers.

A. 225
B. 625
C. 25
D. 100

Question ID : 988837873

Status : **Answered**

Chosen Option : **3**

Ans
✗ 1. A
✗ 2. C
✔ 3. B
✗ 4. D

Q.6 Who was the first President of the Indian National Congress?

A. Womesh Chunder Bonnerjee
B. Bal Gangadhar Tilak
C. Allan Octavian Hume
D. Dadabhai Naoroji

Question ID : 988837833

Status : **Answered**

Chosen Option : **1**

Ans
✔ 1. A
✗ 2. C
✗ 3. D
✗ 4. B

Q.7 What is the compound interest on Rs. 48,000 for 2 years at 20 % p.a., if interest is compounded annually?

A. Rs. 69,120
B. Rs. 21,120
C. Rs. 76,800
D. Rs. 72,000

Question ID : 988837879

Status : **Answered**

Chosen Option : **1**

Ans
✔ 1. B
✗ 2. D
✗ 3. A
✗ 4. C

Q.8 A ladder 20 m long is leaning against a vertical wall. It makes an angle of 30° with the ground. How high on the wall does the ladder reach?

A. 10 m
B. 17.32 m
C. 34.64 m
D. 30 m

Question ID : 988837893

Status : **Answered**

Chosen Option : **4**

Ans
✗ 1. C
✗ 2. D
✗ 3. B
✔ 4. A

Q.9 Ram said, "Sita is my paternal great grandfather's only son's only daughter-in-law". How is Sita related to Ram?

A. Maternal Aunt
B. Paternal Aunt
C. Mother
D. Sister

Question ID : 988837897

Status : **Answered**

Chosen Option : **2**

Ans
✗ 1. B

✓ 2. C

✗ 3. D

✗ 4. A

Q.10 A piece of cloth costs Rs. 35. If the piece were 4 m longer and each meter were to cost Rs. 1 lesser, then the total cost would remain unchanged. How long is the piece of cloth?

 A. 10 m
 B. 14 m
 C. 12 m
 D. 8 m

Question ID : 988837886

Status : **Answered**

Chosen Option : **4**

Ans ✗ 1. B

✗ 2. D

✗ 3. C

✓ 4. A

Q.11 In 2013, the first woman to be elected as the President of South Korea is -

 A. Park Young-sun
 B. Yuk Young-soo
 C. Park Geun-hye
 D. Sim Sang-jung

Question ID : 988837825

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

Chosen Option : **--**

Ans ✗ 1. A

✗ 2. B

✓ 3. C

✗ 4. D

Q.12 The Mughal empire was founded by -

 A. Babur
 B. Humayun
 C. Akbar
 D. Shah Jahan

Question ID : 988837832

Status : **Answered**

Chosen Option : **1**

Ans ✓ 1. A

✗ 2. D

✗ 3. B

✗ 4. C

Q.13 Two poles of the height 15 m and 20 m stand vertically upright on a plane ground. If the distance between their feet is 12 m, find the distance between their tops.

 A. 11 m
 B. 12 m
 C. 13 m
 D. 14 m

Question ID : 988837889

Status : **Answered**

Chosen Option : **3**

Ans ✗ 1. A

✗ 2. D

✗ 3. B

✓ 4. C

Q.14 How is Sameer related to Akbar if Sameer introduced Akbar as his maternal grandmother's only son's son?

 A. Brother
 B. Son
 C. Maternal Uncle
 D. Cousin

Question ID : 988837896

Status : **Answered**

Chosen Option : **3**

Ans ✗ 1. B

✗ 2. C

✓ 3. D

✗ 4. A

Q.15

Question ID : 988837915

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:
According to a recent health survey, people who exercise for at least half an hour every day are less prone to lifestyle diseases.

Conclusions:
I. Moderate exercise is essential to lead a healthy life.
II. Everyone with no exercise on their routine suffer from lifestyle diseases.

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

Ans ✔ 1. A

✘ 2. B

✘ 3. C

✘ 4. D

Q.16 কোন দাবার গুটি সোজা এগিয়ে চলে কিন্তু কোণাকুণি আক্রমণ করে?

A. ঘোড়া (Knight)
B. নৌকো (Rook)
C. হাতি (Bishop)
D. সৈনিক (Pawn)

Ans ✘ 1. C

✔ 2. D

✘ 3. A

✘ 4. B

Q.17 The oldest oil field in Asia is located in -

A. Gujarat
B. Assam
C. Arunachal Pradesh
D. Nagaland

Ans ✘ 1. C

✔ 2. B

✘ 3. A

✘ 4. D

Q.18 The simple interest on a certain sum of money invested at a certain rate for 2 years amounts to Rs. 1200. The compound interest on the same sum of money invested at the same rate of interest for 2 years amounts to Rs. 1290. What was the principal?

A. Rs. 12000
B. Rs. 16000
C. Rs. 6000
D. Rs. 4000

Ans ✘ 1. C

✘ 2. A

✔ 3. D

✘ 4. B

Q.19 Which of the following is false?

Sound waves are _____ waves.

A. Pressure
B. Longitudinal
C. Electromagnetic
D. Mechanical

Ans ✘ 1. B

✔ 2. C

✗ 3. A

✗ 4. D

Q.20 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:
   In some tier 2 cities in India, transportation is one of the major problems.

Conclusions:
   I. All tier 2 cities are not well connected.
   II. Lack of transportation facilities is the only problem in Indian metros.

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

Question ID : 988837916

Status : **Answered**

Chosen Option : **2**

Ans ✗ 1. A

✔ 2. D

✗ 3. B

✗ 4. C

Q.21 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 and then decide which of the given conclusions logically follows from the given statements.

Statements:
   I. All rats are hills.
   II. All hills are rivers.

A. Some rivers are rats
B. No river is a hill
C. All hills are rats
D. No river is a rat

Question ID : 988837898

Status : **Answered**

Chosen Option : **4**

Ans ✗ 1. C

✗ 2. B

✗ 3. D

✔ 4. A

Q.22 How many bones does a new born human baby have?

A. 350
B. 206
C. 211
D. 411

Question ID : 988837850

Status : **Answered**

Chosen Option : **4**

Ans ✗ 1. C

✔ 2. A

✗ 3. D

✗ 4. B

Q.23 Which country built the Bird's Nest Stadium for 2008 Summer Olympics?

A. China
B. Brazil
C. Australia
D. Germany

Question ID : 988837826

Status : **Answered**

Chosen Option : **3**

Ans ✗ 1. B

✗ 2. D

✔ 3. A

✗ 4. C

Q.24 Which of the following coloured light has the lowest frequency?

A. Green
B. Blue
C. Red
D. Violet

Question ID : 988837847

Status : **Answered**

Chosen Option : **4**

Ans ✗ 1. B

✗ 2. A

✓ 3. C

✗ 4. D

Q.25 In 2015, which auto manufacturer manipulated emissions testing data leading to the resignation of its CEO Martin Winterkorn?

A. Volkswagen
B. Ford
C. Toyota
D. General Motors

Question ID : 988837827

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

Chosen Option : --

Ans ✓ 1. A

✗ 2. B

✗ 3. C

✗ 4. D

Q.26 A closed wooden rectangular box made of 1 cm thick wood has the following outer dimensions: length 22 cm, breadth 17 cm, and height 12 cm. It is filled to capacity with cement. What is the volume of the cement in the box?

A. 1488 cu. cm
B. 3000 cu. cm
C. 4488 cu. cm
D. 2880 cu. cm

Question ID : 988837888

Status : **Answered**

Chosen Option : **4**

Ans ✗ 1. D

✗ 2. C

✗ 3. A

✓ 4. B

Q.27 If the code for **MOTHER** is **JRQKBU** then what is the code for **PRINCIPAL**?

A. MRFKZLMXI
B. SULQFLSDO
C. MUFQZLMDI
D. MRFKZFMXI

Question ID : 988837903

Status : **Answered**

Chosen Option : **4**

Ans ✗ 1. D

✗ 2. A

✗ 3. B

✓ 4. C

Q.28 The only non-metal which is liquid at room temperature is -

A. Mercury
B. Bromine
C. Chlorine
D. Gallium

Question ID : 988837848

Status : **Answered**

Chosen Option : **4**

Ans ✗ 1. D

✗ 2. C

✗ 3. A

✓ 4. B

Q.29 Maanch is a folk dance from -

A. Haryana
B. Kerala
C. Assam
D. Madhya Pradesh

Question ID : 988837831

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

Chosen Option : --

Ans ✗ 1. C

✗ 2. B

✗ 3. A

✓ 4. D

Q.30 Which of the following insecticides' harmful effects came under media attention when health issues in Kerala were publicized?

A. Endosulfan
B. Lethal
C. Thimet
D. Monocil

Question ID : 988837839

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

Chosen Option : --

Ans ✔ 1. A

✘ 2. D

✘ 3. B

✘ 4. C

Q.31 The HCF and LCM of two numbers are 3 and 2730 respectively. If one of the numbers is 78, find the other number.

A. 107
B. 103
C. 105
D. 102

Question ID : 988837871

Status : **Answered**

Chosen Option : **4**

Ans ✘ 1. B

✘ 2. D

✘ 3. A

✔ 4. C

Q.32 If **A = 1** and **OAR = 34**, then **ROAR =**

A. 52
B. 53
C. 51
D. 50

Question ID : 988837901

Status : **Answered**

Chosen Option : **1**

Ans ✘ 1. B

✘ 2. D

✔ 3. A

✘ 4. C

Q.33 Choose the one which is different or odd from the following.

A. Aluminum
B. Iron
C. Copper
D. Brass

Question ID : 988837927

Status : **Answered**

Chosen Option : **3**

Ans ✘ 1. C

✘ 2. B

✔ 3. D

✘ 4. A

Q.34 According to the Constitution, the ratio between the length and breadth of the national tricolor should be -

A. 3 : 2
B. 3 : 1
C. 2 : 1
D. 4 : 3

Question ID : 988837840

Status : **Answered**

Chosen Option : **1**

Ans ✔ 1. A

✘ 2. C

✘ 3. B

✘ 4. D

Q.35 If P travelled the first half of a journey at 40 km/hr and the remaining distance at 50 km/hr, what is the average speed of his travel?

A. 44.44 km/hr
B. 53.33 km/hr
C. 45 km/hr
D. 60 km/hr

Question ID : 988837878

Status : **Answered**

Chosen Option : **2**

Ans ✘ 1. D

✔ 2. A

✘ 3. C

✘ 4. B

Q.36 Find the LCM of 15, 25 and 29.

A. 2335
B. 3337
C. 2175
D. 2375

Question ID : 988837872

Status : **Answered**

Chosen Option : **3**

Ans ✘ 1. A

✘ 2. B

✔ 3. C

✘ 4. D

Q.37 In 1981, ISRO launched India's first geostationary satellite called -

A. Aryabhata
B. APPLE
C. Bhaskara II
D. INSAT 1B

Question ID : 988837861

Status : **Answered**

Chosen Option : **3**

Ans ✘ 1. C

✘ 2. A

✘ 3. D

✔ 4. B

Q.38 Which of the following was the first antibiotic discovered by Alexander Fleming in 1928?

A. Penicillin
B. Prontosil
C. Streptomycin
D. Tetracyline

Question ID : 988837853

Status : **Answered**

Chosen Option : **2**

Ans ✘ 1. D

✔ 2. A

✘ 3. B

✘ 4. C

Q.39 If '+' means ×, '-' means ÷, '×' means + and '÷' means − ; compute the value of the expression:

17 + 6 × 13 ÷ 8

A. 100
B. 107
C. 110
D. 109

Question ID : 988837906

Status : **Answered**

Chosen Option : **4**

Ans ✘ 1. C

✘ 2. A

✘ 3. D

✔ 4. B

Q.40 Which among the following is true for the given numbers?

A. 3/8 < 19/73 < 29/47 < 17/39
B. 19/73 < 3/8 < 17/39 < 29/47
C. 19/73 < 3/8 < 29/47 < 17/39
D. 19/73 < 29/47 < 3/8 < 17/39

Question ID : 988837869

Status : **Answered**

Chosen Option : **2**

Ans ✘ 1. C

✔ 2. B

✘ 3. A

✗ 4. D

Q.41 Divide 3740 in three parts in such a way that half of the first part, one-third of the second part and one-sixth of the third part are equal.

    A. 700, 1000, 2040
    B. 340, 1360, 2040
    C. 680, 1020, 2040
    D. 500, 1200, 2040

Question ID : 988837874

Status : **Answered**

Chosen Option : **4**

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

Q.42 নিম্নলিখিত ভারতের কোন রাজ্যে সাদা মরুভূমি (White Desert) অবস্থিত?

    A. গুজরাত
    B. তামিলনাড়ু
    C. জম্মু ও কাশ্মীর
    D. সিকিম

Question ID : 988837828

Status : **Answered**

Chosen Option : **3**

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

Q.43 Which of the following Acts under the Indian Constitution is described by Article 21A?

    A. Right to Education
    B. Right to Information
    C. Representation of the People
    D. Right to Freedom of Religion

Question ID : 988837841

Status : **Answered**

Chosen Option : **1**

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

Q.44 Which of the following monuments built by Muhammad Quli Qutb Shah is said to be built to commemorate the eradication of plague?

    A. Alai Minar
    B. Charminar
    C. Fateh Burj
    D. Qutub Minar

Question ID : 988837845

Status : **Answered**

Chosen Option : **3**

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

Q.45 Which of the following is not an example of a Word Processor?

    A. IBM Lotus Symphony
    B. Microsoft Word
    C. Google Docs
    D. Microsoft Excel

Question ID : 988837859

Status : **Answered**

Chosen Option : **2**

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

Comprehension:

Study the diagram given below and answer the questions based on it.

△ represents Persons who like Reading

◯ represents Persons who like Cycling

▢ represents Persons who like Trekking
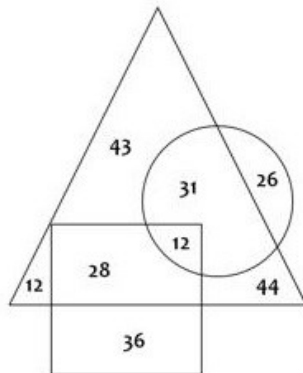
SubQuestion No : 46

Q.46 How many persons like Reading?

A. 170
B. 154
C. 176
D. 117

Ans ✗ 1. B

✔ 2. A

✗ 3. C

✗ 4. D

Comprehension:

Study the diagram given below and answer the questions based on it.

△ represents Persons who like Reading

◯ represents Persons who like Cycling

▢ represents Persons who like Trekking
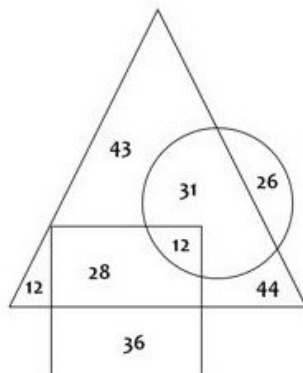
SubQuestion No : 47

Q.47 How many persons like Trekking and Reading but not Cycling?

A. 12
B. 31
C. 44
D. 28

Ans   ✗ 1. B

   ✗ 2. C

   ✗ 3. A

   ✔ 4. D

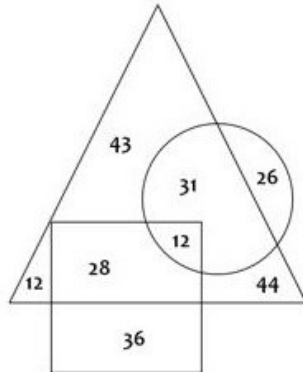**Comprehension:**

Study the diagram given below and answer the questions based on it.

△ represents Persons who like Reading

○ represents Persons who like Cycling

☐ represents Persons who like Trekking

SubQuestion No : 48

Q.48 How many persons like Reading and Cycling but not Trekking?

   A. 31
   B. 12
   C. 26
   D. 28

Question ID : **988837918**	
Status : **Answered**	
Chosen Option : **3**	

Ans   ✗ 1. B

   ✗ 2. D

   ✔ 3. A

   ✗ 4. C

Q.49 There are 90 coins, comprising of 5 and 10 paisa coins. The value of all the coins is Rs. 7. How many 5 paisa coins are there?

   A. 50
   B. 45
   C. 40
   D. 35

Question ID : **988837885**	
Status : **Answered**	
Chosen Option : **1**	

Ans   ✔ 1. C

   ✗ 2. D

   ✗ 3. B

   ✗ 4. A

Q.50 How high is the badminton net at the center?

   A. 5 feet
   B. 5.1 feet
   C. 5.5 feet
   D. 4.8 feet

Question ID : **988837835**	
Status : **Not Attempted and Mark ed For Review**	
Chosen Option : --	

Ans   ✗ 1. D

   ✗ 2. C

   ✗ 3. B

✓ 4. A

Q.51 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:
Success cannot be achieved without hard work.

Conclusions:
I. Every hardworking person is successful.
II. Every successful person is hardworking.

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

Question ID : **988837914**

Status : **Answered**

Chosen Option : **4**

Ans ✗ 1. D

✗ 2. C

✗ 3. A

✓ 4. B

Q.52 নীচের তালিকায় থাকা নম্বরগুলির মোড হবে:

52, 54, 55, 56, 55, 54, 53, 55, 53, 51, ও 57

A. 53
B. 54
C. 55
D. 52

Question ID : **988837892**

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

Chosen Option : **--**

Ans ✗ 1. A

✓ 2. C

✗ 3. D

✗ 4. B

Comprehension:

Use the following passage for the questions based on it.

There are six flats on a floor in two rows. Out of these, three are north facing and the other three are south facing flats. The flats are to be allotted amongst Arun, Biswajyot, Chitra, Derek, Evan and Fatima. Biswajyot gets a north facing flat and is not next to Derek. Derek and Fatima get diagonally opposite flats. Chitra is next to Fatima, and gets a south facing flat. Evan gets a north facing flat.

SubQuestion No : 53

Q.53 Except Derek and Fatima, which other pair is diagonally opposite to each other?

A. Arun and Biswajyot
B. Arun and Chitra
C. Evan and Derek
D. Evan and Chitra

Question ID : **988837911**

Status : **Answered**

Chosen Option : **2**

Ans ✗ 1. C

✓ 2. A

✗ 3. D

✗ 4. B

Comprehension:

Use the following passage for the questions based on it.

There are six flats on a floor in two rows. Out of these, three are north facing and the other three are south facing flats. The flats are to be allotted amongst Arun, Biswajyot, Chitra, Derek, Evan and Fatima. Biswajyot gets a north facing flat and is not next to Derek. Derek and Fatima get diagonally opposite flats. Chitra is next to Fatima, and gets a south facing flat. Evan gets a north facing flat.

SubQuestion No : 54

Q.54

Question ID : **988837913**

Status : **Answered**

Chosen Option : **3**

Which of the following pairs is exactly opposite to each other?

    A. Derek and Evan
    B. Fatima and Chitra
    C. Evan and Chitra
    D. Evan and Arun

Ans ✗ 1. D

    ✗ 2. A

    ✔ 3. C

    ✗ 4. B

Comprehension:

Use the following passage for the questions based on it.

There are six flats on a floor in two rows. Out of these, three are north facing and the other three are south facing flats. The flats are to be allotted amongst Arun, Biswajyot, Chitra, Derek, Evan and Fatima. Biswajyot gets a north facing flat and is not next to Derek. Derek and Fatima get diagonally opposite flats. Chitra is next to Fatima, and gets a south facing flat. Evan gets a north facing flat.

SubQuestion No : 55

Q.55 Which of the following combination gets south facing flats?

    A. Arun, Chitra and Fatima
    B. Chitra, Biswajyot and Derek
    C. Evan, Arun and Fatima
    D. Derek, Arun and Biswajyot

Question ID : 988837912

Status : **Answered**

Chosen Option : **2**

Ans ✗ 1. C

    ✔ 2. A

    ✗ 3. D

    ✗ 4. B

Q.56 30 men working 5 hours a day can do a task in 16 days. In how many days will 40 men working 6 hours a day do the same task?

    A. 12 days
    B. 10 days
    C. 15 days
    D. 18 days

Question ID : 988837875

Status : **Answered**

Chosen Option : **2**

Ans ✗ 1. C

    ✔ 2. B

    ✗ 3. A

    ✗ 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
2010	32	12	5	3.4	9
2011	37	13	6.5	4.5	13
2012	46	14	7.3	5.6	17
2013	48	16	7.9	6.4	18
2014	52	18	8.5	7.4	19

SubQuestion No : 57

Q.57

Question ID : 988837924

Status : **Answered**

Chosen Option : **4**

What is the total Household Expenditure for the year 2012?

    A. Rs. 89,900
    B. Rs. 87,120
    C. Rs. 89,100
    D. Rs. 88,200

Ans ✗ 1. B

    ✗ 2. D

    ✗ 3. C

    ✔ 4. A

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
2010	32	12	5	3.4	9
2011	37	13	6.5	4.5	13
2012	46	14	7.3	5.6	17
2013	48	16	7.9	6.4	18
2014	52	18	8.5	7.4	19

SubQuestion No : 58

Q.58 Expenditure on EMI forms what percentage of expenditure on Grocery for the year 2014?

    A. 11.34 %
    B. 14.23 %
    C. 13.22 %
    D. 15.55 %

Ans ✗ 1. A

    ✔ 2. B

    ✗ 3. D

    ✗ 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
2010	32	12	5	3.4	9
2011	37	13	6.5	4.5	13
2012	46	14	7.3	5.6	17
2013	48	16	7.9	6.4	18
2014	52	18	8.5	7.4	19

SubQuestion No : 59

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

    A. Rs. 7,040
    B. Rs. 6,500
    C. Rs. 7,100
    D. Rs. 7,400

Ans ✗ 1. B

    ✗ 2. C

✔ 3. A

✘ 4. D

Q.60 A triangle has a perimeter of 200. If two of its sides are equal and the third side is 20 more than the equal sides, what is the length of the third side?

A. 60
B. 50
C. 80
D. 70

Question ID : **988837894**

Status : **Answered**

Chosen Option : **2**

Ans ✘ 1. A

✔ 2. C

✘ 3. D

✘ 4. B

Q.61 The operating system UNIX is the trademark of -

A. Microsoft
B. Bell Laboratories
C. Apple
D. Motorola

Question ID : **988837857**

Status : **Answered**

Chosen Option : **4**

Ans ✔ 1. B

✘ 2. D

✘ 3. C

✘ 4. A

Q.62 The first large scale electrical air conditioning was invented and used in 1902 by -

A. Willis Carrier
B. John Gorrie
C. Stuart Cramer
D. H. H. Schultz

Question ID : **988837854**

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

Chosen Option : **--**

Ans ✔ 1. A

✘ 2. D

✘ 3. B

✘ 4. C

Q.63 The area of a triangle ABC is 63 sq. units. Two parallel lines DE, FG, are drawn such that they divide the line segments AB and AC into three equal parts. What is the area of the quadrilateral DEGF?

A. 28 sq. units
B. 35 sq. units
C. 21 sq. units
D. 48 sq. units

Question ID : **988837887**

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

Chosen Option : **--**

Ans ✘ 1. A

✔ 2. C

✘ 3. D

✘ 4. B

Q.64 Which of the following is the most common kidney stone-forming compound?

A. Calcium oxalate
B. Magnesium oxide
C. Sodium bicarbonate
D. Magnesium citrate

Question ID : **988837864**

Status : **Answered**

Chosen Option : **4**

Ans ✘ 1. B

✘ 2. C

✘ 3. D

✔ 4. A

Q.65

Question ID : **988837868**

Status : **Answered**

Compute: $(50 + 0.5 \times 20) \div 0.7$

A. 8.571

B. 857.1

C. 85.71

D. 72.85

Chosen Option : **2**

Ans ✗ 1. D

✔ 2. C

✗ 3. B

✗ 4. A

Q.66 Working together, P, Q and R reap a field in 6 days. If P can do it alone in 10 days and Q in 24 days, in how many days will R alone be able to reap the field?

A. 32 days
B. 40 days
C. 45 days
D. 60 days

Question ID : **988837876**

Status : **Answered**

Chosen Option : **4**

Ans ✗ 1. A

✗ 2. D

✗ 3. C

✔ 4. B

Q.67 In 2015, underground glaciers of frozen water were discovered on -

A. Mars
B. Venus
C. Jupiter
D. Saturn

Question ID : **988837852**

Status : **Answered**

Chosen Option : **4**

Ans ✗ 1. C

✗ 2. D

✗ 3. B

✔ 4. A

Q.68 A shopkeeper marks the price of an article at Rs. 320. Find the cost price if after allowing a discount of 10%, he still gains 20% on the cost price.

A. Rs. 240
B. Rs. 280
C. Rs. 300
D. Rs. 264

Question ID : **988837882**

Status : **Answered**

Chosen Option : **1**

Ans ✔ 1. A

✗ 2. C

✗ 3. B

✗ 4. D

Q.69 Which leader adopted Orthodox Christianity as the official religion of Russia?

A. Vladimir the Great
B. Michael Romanov
C. Ivan IV
D. Boris Godunov

Question ID : **988837830**

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

Chosen Option : **--**

Ans ✗ 1. D

✗ 2. C

✔ 3. A

✗ 4. B

Q.70

Question ID : **988837902**

Status : **Answered**

Chosen Option : **2**

If **RUN = 182114** and **BIN = 2914**, then **BRING =**

    A. 2189147
    B. 1178136
    C. 31910158
    D. 21910158

Ans ✘ 1. B

     ✔ 2. A

     ✘ 3. C

     ✘ 4. D

Q.71 On an average, how many taste buds are present in a human tongue?

    A. 2000 to 8000
    B. 50000 to 100000
    C. 1 million to 10 million
    D. More than 10 million

Question ID : 988837856

Status : **Answered**

Chosen Option : **2**

Ans ✘ 1. C

     ✔ 2. A

     ✘ 3. D

     ✘ 4. B

Q.72 $5.16 \times 3.2 =$

    A. 15.502
    B. 16.512
    C. 17.772
    D. 17.52

Question ID : 988837870

Status : **Answered**

Chosen Option : **2**

Ans ✘ 1. C

     ✔ 2. B

     ✘ 3. D

     ✘ 4. A

Q.73 Choose the pair which is related in the same way as the words in the first pair from the given choices.

DOG : KENNEL :: BEE : _____

    A. HIVE
    B. BARN
    C. HOLE
    D. NEST

Question ID : 988837909

Status : **Answered**

Chosen Option : **4**

Ans ✘ 1. B

     ✘ 2. D

     ✘ 3. C

     ✔ 4. A

Q.74 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 and then decide which of the given conclusions logically follow(s) from the given statements.

Statements:
    A. Some fruits are vegetables.
    B. All vegetables are plants.

Conclusions:
    I. Some plants are vegetables.
    II. Some fruits are plants.

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

Question ID : 988837899

Status : **Answered**

Chosen Option : **1**

Ans ✘ 1. A

     ✘ 2. B

     ✔ 3. C

     ✘ 4. D

Q.75 A table was sold at a profit of 10%. If its cost price was 5% less and it was sold for Rs. 7 more, the gain would have been 20%. Find the cost price of the table.

    A. Rs. 175
    B. Rs. 200
    C. Rs. 250
    D. Rs. 150

Question ID : 988837881

Status : **Answered**

Chosen Option : **3**

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

Q.76 নিম্নলিখিত কোন জীবটি অযৌন জনন প্রক্রিয়া দ্বারা বংশবৃদ্ধি করে না?

    A. প্রবাল (Coral)
    B. হাইড্রা (Hydra)
    C. স্পঞ্জ (Sponges)
    D. অ্যানিলিডো (Annelido)

Question ID : 988837851

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

Chosen Option : --

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

Q.77 কোন নক্ষত্রবিজ্ঞানীকে হিলিওসেন্ট্রিজমের (heliocentrism) সমর্থন করার জন্য গৃহবন্দি করা হয়েছিল?

    A. নিকোলাস কোপারনিকাস (Nicolaus Copernicus)
    B. গ্যালিলিও গ্যালিলি (Galileo Galilei)
    C. জোহানেস কেপলার (Johannes Kepler)
    D. ফ্রেডরিক বেসেল (Friedrich Bessel)

Question ID : 988837862

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

Chosen Option : --

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

Q.78 The 'Father of Indian Space Program' is -

    A. Dr. A. P. J. Abdul Kalam
    B. Dr. Vikram A. Sarabhai
    C. Dr. K. Kasturirangan
    D. Prof. Satish Dhawan

Question ID : 988837860

Status : **Answered**

Chosen Option : **3**

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

Q.79 The filament of a light bulb is made up of -

    A. Platinum
    B. Tantalum
    C. Tungsten
    D. Antimony

Question ID : 988837863

Status : **Answered**

Chosen Option : **3**

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

Q.80

Question ID : 988837842

Who among the following became the first tourist to space by spending $20 million for 8 days in orbit?

A. Greg Olsen
B. Charles Simonyi
C. Dennis Tito
D. Mark Shuttleworth

Status : Answered

Chosen Option : 4

Ans ✗ 1. A

✗ 2. B

✗ 3. D

✔ 4. C

Q.81 P bought an article for Rs. 1600 and sold it at a profit of 10%. What would have been the increase in the profit percent if it was sold for Rs. 1840?

A. 5%
B. 10%
C. 12%
D. 15%

Question ID : 988837883

Status : Answered

Chosen Option : 2

Ans ✗ 1. D

✔ 2. A

✗ 3. B

✗ 4. C

Q.82 প্রাচীন হোমিনয়েড যাদের হোমো সেপিয়েন্সের শ্রেণীতে রাখা হয়েছে, তারা ছিল –

A. এর্গাস্টার লাইন (Ergaster line)
B. ক্রো-ম্যাগনন (Cro-magnon)
C. নিয়ান্ডারথাল (Neanderthal)
D. প্রোকান্সাল (Proconsul)

Question ID : 988837855

Status : Not Attempted and Marked For Review

Chosen Option : --

Ans ✗ 1. D

✔ 2. B

✗ 3. C

✗ 4. A

Q.83 What is $C_{12}H_{22}O_{11}$ also known as -

A. Sand
B. Sugar
C. Salt
D. Clay

Question ID : 988837849

Status : Answered

Chosen Option : 1

Ans ✔ 1. B

✗ 2. C

✗ 3. D

✗ 4. A

Q.84 Select the correct set of symbols:

27 3 19 10 = 90

A. ×, -, ÷
B. +, ÷, -
C. +, -, ÷
D. ×, +, -

Question ID : 988837908

Status : Answered

Chosen Option : 4

Ans ✗ 1. B

✗ 2. A

✗ 3. C

✔ 4. D

Q.85

Question ID : 988837865

Status : Answered

Simplify: $(2/7 + 3/5) \div (2/5 + 2/7)$

A. 31/24
B. 24/31
C. 26/25
D. 12/13

Ans

✗ 1. C

✗ 2. D

✗ 3. B

✔ 4. A

Q.86 Select the correct set of symbols:

44 4 7 5 = 82

A. ×, -, ÷
B. +, ÷, -
C. +, -, ÷
D. ÷, ×, +

Ans

✗ 1. B

✔ 2. D

✗ 3. C

✗ 4. A

Q.87 If $R019$ is divisible by 11, find the value of the smallest natural number R?

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

Ans

✗ 1. B

✗ 2. A

✗ 3. C

✔ 4. D

Q.88 Malini said, "Rohit is my maternal aunt's mother's only son's son". How is Malini related to Rohit?

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

Ans

✗ 1. C

✔ 2. A

✗ 3. B

✗ 4. D

Q.89 In Tennis, hard court is the type of court whose surface is made of -

A. Concrete
B. Clay
C. Grass
D. Carpet

Ans

✔ 1. A

✗ 2. D

✗ 3. B

✗ 4. C

Q.90

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

36 – 4 + 7 × 8

A. 72
B. 71
C. 74
D. 75

Ans ✗ 1. C

✗ 2. A

✗ 3. D

✔ 4. B

Q.91 The average of first 20 multiples of 12 is:

A. 124
B. 120
C. 126
D. 130

Ans ✗ 1. A

✗ 2. B

✔ 3. C

✗ 4. D

Q.92 What is the median of the following list of numbers: 55, 53, 56, 59, 61, 69, and 31?

A. 55
B. 56
C. 59
D. 61

Ans ✔ 1. B

✗ 2. A

✗ 3. D

✗ 4. C

Q.93 The sum of digits of a two-digit number is 9. When the digits are reversed, the number decreases by 45. Find the changed number.

A. 45
B. 72
C. 63
D. 27

Ans ✗ 1. B

✗ 2. A

✗ 3. C

✔ 4. D

Q.94 If **MENTOR = NVMGLI** then **PROFESSOR =**

A. QSPGFTTPS
B. KILUVHHLI
C. KSLGVTHMI
D. KILGFHHLI

Ans ✔ 1. B

✗ 2. C

✗ 3. A

✗ 4. D

Q.95

The national song of India was composed by -

A. Rabindranath Tagore
B. Bankim Chandra Chatterjee
C. Pydimarri Venkata Subba Rao
D. Pingali Venkayya

Ans ✗ 1. C

✗ 2. A

✗ 3. D

✓ 4. B

Q.96 Which of the following is NOT an effect of Noise Pollution?

Question ID : 988837838
Status : **Answered**
Chosen Option : **1**

A. Death of Animals
B. Tinnitus
C. Hypertension
D. Ozone Depletion

Ans ✓ 1. D

✗ 2. C

✗ 3. B

✗ 4. A

Q.97 The upstream speed of the boat is 40 km/hr and the speed of the boat in still water is 55 km/hr. What is the downstream speed of the boat?

Question ID : 988837877
Status : **Answered**
Chosen Option : **4**

A. 75 km/hr
B. 70 km/hr
C. 60 km/hr
D. 65 km/hr

Ans ✗ 1. C

✓ 2. B

✗ 3. A

✗ 4. D

Q.98 Choose the pair which is related in the same way as the words in the first pair from the given choices.
TENNIS : COURT :: BOXING : _____

Question ID : 988837925
Status : **Answered**
Chosen Option : **4**

A. STADIUM
B. RING
C. PITCH
D. GROUND

Ans ✗ 1. C

✗ 2. A

✗ 3. D

✓ 4. B

Q.99 Six years ago, the ratio of the ages of the two persons P and Q was 3:2. Four years hence the ratio of their ages will be 8:7. What is P's age?

Question ID : 988837884
Status : **Answered**
Chosen Option : **2**

A. 10 years
B. 12 years
C. 14 years
D. 8 years

Ans ✗ 1. C

✓ 2. B

✗ 3. D

✗ 4. A

Q.10 0 Which of the following popular tourist destinations of India were built in 1911 to commemorate the visit of King George V and Queen Mary?

Question ID : 988837844
Status : **Answered**
Chosen Option : **2**

A. India Gate
B. Gateway of India
C. The Prince of Wales Museum
D. Victoria Terminus

Ans

1. B ✓

2. D ✗

3. C ✗

4. A ✗