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Railway Recruitment Board

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“held on 2-4-2016”



## RAILWAY RECRUITMENT BOARDS

## रेलवे भर्ती बोर्ड

## RRB NTPC 2nd April 2016 Shift 2

Roll No:	
Participants Name:	
Test Center Name:	
Test Date:	02/04/2016
Test Time:	12:30 PM - 2:00 PM
Subject:	RRB NTPC Graduate

- Options shown in green color with a tick icon are correct
- Chosen option on top right of the question indicates the option selected by the candidate

Q.1 The oldest oil field in Asia is located in -

- Gujarat
- Assam
- Arunachal Pradesh
- Nagaland

Ans  1. B

2. D

3. A

4. C

Q.2 Select the correct set of symbols:

$$27 \ 3 \ 19 \ 10 = 90$$

- $\times, -, \div$
- $+, \div, -$
- $+, -, \div$
- $\times, +, -$

Ans  1. A

2. C

3. B

4. D

Q.3 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?

- 44.44 km/hr
- 53.33 km/hr
- 45 km/hr
- 60 km/hr

Ans  1. B

2. C

3. D

4. A

conclusions logically follow(s) from the given statement.

**Statements:**

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

Ans  1. C

2. B

3. A

4. D

Q.5 Which of the following is false?

Sound waves are \_\_\_\_\_ waves.

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

Ans  1. C

2. B

3. A

4. D

Q.6 Which of the following insecticides' harmful effects came under media attention when health issues in Kerala were publicized?

- A. Endosulfan
- B. Lethal
- C. Thimot
- D. Monosil

Ans  1. B

2. A

3. C

4. D

Q.7 Which of the following popular tourist destinations of India were built in 1911 to commemorate the visit of King George V and Queen Mary?

- 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

Q.8 In which of the following states of India is the White Desert located?

- A. Gujarat
- B. Tamil Nadu
- C. Jammu and Kashmir
- D. Sikkim

Ans  1. C

2. D

3. B

Q.9 Which Indian won the 2014 Nobel Prize for Peace?

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

Ans  1. B

2. D

3. A

4. C

Q.10 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

Ans  1. B

2. D

3. C

4. A

Q.11 In Tennis, hard court is the type of court whose surface is made of -

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

Ans  1. B

2. A

3. C

4. D

Q.12 There are 90 coins, comprising of 5 and 10 paise coins. The value of all the coins is Rs. 7. How many 5 paise coins are there?

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

Ans  1. B

2. C

3. D

4. A

Q.13 How high is the badminton net at the center?

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

Ans  1. B

2. C

3. D

4. A

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

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

Q.15 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

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

Q.16 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

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

Q.17 Which leader adopted Orthodox Christianity as the official religion of Russia?

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

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

Q.18 Which astronomer was placed under house arrest for his support of heliocentrism?

- A. Nicolaus Copernicus
- B. Galileo Galilei
- C. Johannes Kepler
- D. Friedrich Bessel

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

Q.19

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.

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

**Q.20** 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?

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

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

**Q.21** Choose the one which is different or odd from the following.

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

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

**Q.22** If  $RUN = 182114$  and  $BIN = 2914$ , then  $BRING =$

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

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

**Q.23** 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

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

**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

Ans  1. B

2. D

3. C

4. A

Q.25 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. A

2. D

3. B

4. C

Q.26 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

Ans  1. A

2. B

3. D

4. C

Q.27 30 men working 5 hours a day can do a task in 18 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

Ans  1. B

2. A

3. C

4. D

Q.28 Which of the following is NOT an effect of Noise Pollution?

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

Ans  1. D

3. A 4. B

Q.29 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

Ans  1. D

 2. B 3. A 4. C

Q.30 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

Ans  1. D

 2. B 3. A 4. C

Q.31  $5.16 \times 3.2 =$

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

Ans  1. D

 2. A 3. B 4. C

Q.32 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 DECF?

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

Ans  1. C

 2. B 3. D 4. A

#### 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 : 33

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

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

**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 : 34

Q.3 Which of the following combination gets south facing flats?

4

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

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

**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 : 35

Q.3 Which of the following pairs is exactly opposite to each other?

5

- 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

Q.36 The operating system UNIX is the trademark of -

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

- Ans  1. C  
 2. B

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 4. D

Q.37 A ladder 20 m long is leaning against a vertical wall. It makes an angle of  $30^\circ$  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

Ans  1. D

 2. C

 3. B

 4. A

Q.38 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

Ans  1. C

 2. D

 3. A

 4. B

Q.39 Which among the following is true for the given numbers?

- A.  $\frac{3}{8} < \frac{19}{73} < \frac{29}{47} < \frac{17}{39}$
- B.  $\frac{19}{73} < \frac{3}{8} < \frac{17}{39} < \frac{29}{47}$
- C.  $\frac{19}{73} < \frac{3}{8} < \frac{29}{47} < \frac{17}{39}$
- D.  $\frac{19}{73} < \frac{29}{47} < \frac{3}{8} < \frac{17}{39}$

Ans  1. A

 2. C

 3. D

 4. B

Q.40 Select the correct set of symbols:

$$44 \quad 4 \quad 7 \quad 5 = 82$$

- A.  $\times, -, \div$
- B.  $+, \div, -$
- C.  $+, -, \div$
- D.  $\div, \times, +$

Ans  1. C

 2. D

 3. A

 4. B

Q.41 What is  $C_{12}H_{22}O_{11}$  also known as -

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

Ans  1. C

3. A 4. B

**Q.42** 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?

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

**Ans**  1. A 2. D 3. B 4. C

**Q.43** 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. D 2. A 3. C 4. B

**Q.44** Find the LCM of 15, 25 and 29.

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

**Ans**  1. D 2. A 3. B 4. C

**Q.45** If  $^{+}P$  means  $\times$ ,  $^{+}Q$  means  $\div$ ,  $^{+}R$  means  $+$  and  $^{+}S$  means  $-$ , compute the value of the expression:

$$17 + 6 \times 13 + 8$$

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

**Ans**  1. B 2. A 3. C 4. D

**Q.46** 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

**Ans**  1. B 2. A

X 4.D

Q.47 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

Ans X 1.A

X 2.C

X 3.D

✓ 4.B

Q.48 If  $^{+}$  means  $\times$ ,  $^{*}$  means  $\div$ ,  $^{\circ}$  means  $+$  and  $^{\ominus}$  means  $-$ ; compute the value of the expression:

$$36 \div 4 + 7 \times 8$$

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

Ans X 1.D

X 2.C

X 3.A

✓ 4.B

Q.49 Which of the following coloured light has the lowest frequency?

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

Ans X 1.D

X 2.B

✓ 3.C

X 4.A

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

- A. 8.571
- B. 857.1
- C. 85.71
- D. 72.85

Ans X 1.D

✓ 2.C

X 3.A

X 4.B

Q.51 Which of the following is the most common kidney stone-forming compound?

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

Ans ✓ 1.A

X 2.D

 4. C

Q.52 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

Ans  1. B

 2. A

 3. C

 4. D

Q.53 गालिलेो ने कहा, "रोहित शरी गरी की गा का इकलौता बेटा है"। गालिलेो रोहित से कौनो सम्बंधित है?

- A. भौसेरा भाई (Cousin)
- B. भां
- C. बहन
- D. बेटा

Ans  1. D

 2. A

 3. B

 4. C

Q.54 The only non-metal which is liquid at room temperature is -

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

Ans  1. D

 2. B

 3. C

 4. A

Q.55 The filament of a light bulb is made up of -

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

Ans  1. B

 2. C

 3. D

 4. A

Q.56 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. C

 2. B

 3. D

 4. A

- A. 70
- D. 54
- C. 58
- D. 52

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

**Q.58** In 2015, underground glaciers of frozen water were discovered on -

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

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

**Q.59** Which of the following was the first antibiotic discovered by Alexander Fleming in 1928?

- A. Penicillin
- B. Prontosil
- C. Streptomycin
- D. Tetracycline

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

**Q.60** 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

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

**Q.61** 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. B  
 2. C  
 3. D  
 4. A

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

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

Q.63 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

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

Q.64 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. 80
- B. 50
- C. 80
- D. 70

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

Q.65 The earliest hominoids to be classified as homo sapiens were the -

- A. Ergaster line
- B. Cro-magnon
- C. Neanderthal
- D. Proconsul

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

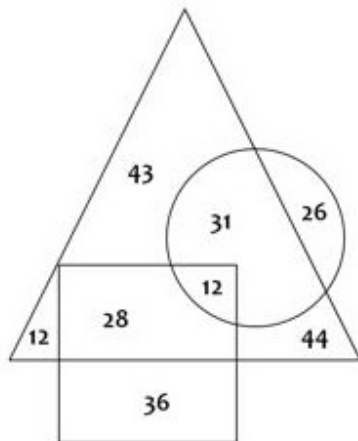
Q.66 A shopkeeper marks the price of an article at Rs. 320. Find the cost price if after allowing a discount of 10%, he still gains 20% on the cost price.

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

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

Comprehension:

- △ represents Persons who like Reading
- represents Persons who like Cycling
- represents Persons who like Trekking



SubQuestion No : 67

Q.6 How many persons like Trekking and Reading but not Cycling?

7

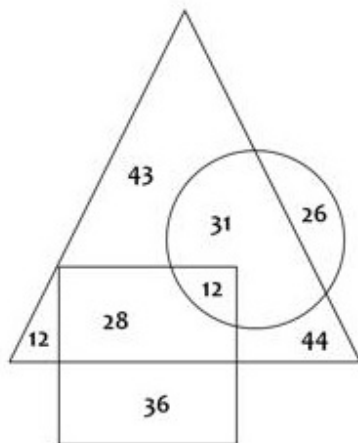
- A. 12
- B. 31
- C. 44
- D. 28

- 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 : 68

Q.6  
8

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

Ans  1. D

2. A

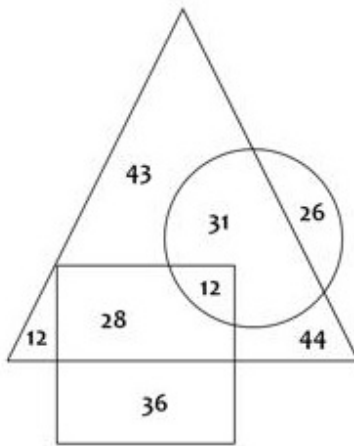
3. C

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 : 69

Q.6 How many persons like Reading and Cycling but not Trekking?

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

Ans  1. C

2. B

3. D

4. A

Q.70 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

Ans  1. B

2. C

3. A

4. D

Q.71

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

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

Q.72 If the code for **MOTHER** is **JRQKBU** then what is the code for **PRINCIPAL**?

- A. MRFKZLMTI
- B. SULQFLSDO
- C. MUFQZLMDI
- D. MRFKZFMXI

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

Q.73 Simplify:  $(\frac{2}{7} + \frac{3}{5}) \div (\frac{2}{5} + \frac{2}{7})$

- A.  $\frac{31}{24}$
- B.  $\frac{24}{31}$
- C.  $\frac{26}{25}$
- D.  $\frac{12}{13}$

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

Q.74 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, 1160, 2040
- C. 680, 1020, 2040
- D. 500, 1200, 2040

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

Q.75 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. D  
 2. A  
 3. B  
 4. C

Q.76

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

Ans  1. C  
 2. D  
 3. B  
 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 : 77**

Q.7 Expenditure on EMI forms what percentage of expenditure on Grocery for the year 2014?

7

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

Ans  1. B  
 2. C  
 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.

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2013	48	16	7.9	6.4	18
2014	52	18	8.5	7.4	19

**SubQuestion No : 78**

Q.7 What is the average spending on Leisure per annum?

8

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

Ans  1. C  
 2. D

X 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
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2013	48	16	7.9	6.4	18
2014	52	18	8.5	7.4	19

## SubQuestion No : 79

Q.7 What is the total Household Expenditure for the year 2012?

9

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

Ans X 1.C

✓ 2.A

X 3.D

X 4.B

Q.80 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

Ans ✓ 1.B

X 2.C

X 3.A

X 4.D

Q.81 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

Ans ✓ 1.A

X 2.C

X 3.B

X 4.D

Q.82 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%

Ans X 1.D

X 2.B

Q.83 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

Ans  1. D

2. A

3. B

4. C

Q.84 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

Ans  1. D

2. A

3. C

4. B

Q.85 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

Ans  1. A

2. C

3. D

4. B

Q.86 Which country built the Bird's Nest Stadium for 2008 Summer Olympics?

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

Ans  1. D

2. C

3. A

4. B

Q.87 Which chess piece moves straight ahead but captures diagonally?

- A. Knight
- B. Rook
- C. Bishop
- D. Pawn

Ans  1. C

2. D

4. B

Q.88 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

Ans  1. D

2. A

3. C

4. B

Q.89 The Mughal empire was founded by -

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

Ans  1. A

2. D

3. C

4. B

Q.90 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. 5000 cu. cm
- C. 4488 cu. cm
- D. 2880 cu. cm

Ans  1. C

2. D

3. B

4. A

Q.91 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. 108
- C. 105
- D. 102

Ans  1. D

2. B

3. C

4. A

Q.92 If  $A = 1$  and  $OAR = 34$ , then  $ROAR =$

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

Ans  1. A

2. C

3. D

4. B

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

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

---

Q.94 Maanch is a folk dance from -

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

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

---

Q.95 If MENTOR = NVMGLI then PROFESSOR =

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

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

---

Q.96 How many bones does a new born human baby have?

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

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

---

Q.97 Which of the following organisms does NOT reproduce by budding?

- A. Coral
- B. Hydra
- C. Sponges
- D. Annelido

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

From memory to source -

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

Ans  1. A

 2. B

 3. C

 4. D

---

Q.99 In 1981, ISRO launched India's first geostationary satellite called -

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

Ans  1. D

 2. B

 3. A

 4. C

---

Q.10 Choose the pair which is related in the same way as the words in the first pair from the given choices.

0 SOLDIERS : ARMY :: MUSICIANS :

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

Ans  1. A

 2. D

 3. B

 4. C



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