



## RAILWAY RECRUITMENT BOARDS

रेलवे भर्ती बोर्ड

### RRB NTPC 18th April 2016 Shift 1

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

- 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 Which is India's first defense satellite?

- A. INSAT 2B
- B. GSAT-7
- C. GSAT 6
- D. IRS-1A

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

Question ID : 9888372302

Status : **Not Attempted**

Chosen Option : --

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

**Statements:** A: All mothers are aunts.

B: All aunts are ladies.

**Conclusions:** I. All ladies are mothers.

II. All ladies are aunts.

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

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

**Ans**  1. C

 2. B

 3. A

 4. D

Question ID : **9888372356**

Status : **Answered**

Chosen Option : 4

**Q.3** Which of the following ratio is greatest?

A. 7:15

B. 15:23

C. 17:25

D. 21:29

**Ans**  1. C

 2. B

 3. A

 4. D

Question ID : **9888372317**

Status : **Answered**

Chosen Option : 4

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

A. Coffee

B. Rice

C. Tobacco

D. Sugarcane

**Ans**  1. D

 2. B

Question ID : **9888372348**

Status : **Answered**

Chosen Option : 4

 3. A

 4. C

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

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

**Ans**  1. D

 2. A

 3. C

 4. B

Question ID : **9888372268**

Status : **Answered**

Chosen Option : 4

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

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

**Ans**  1. C

 2. A

 3. D

 4. B

Question ID : **9888372290**

Status : **Answered**

Chosen Option : 1

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

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

**Ans**  1. B

 2. A

 3. D

Question ID : **9888372284**

Status : **Answered**

Chosen Option : 4

 4. C

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

A. 51/49

B. 49/53

C. 49/51

D. 53/57

Ans  1. B

 2. C

 3. D

 4. A

Question ID : 9888372324

Status : Answered

Chosen Option : 2

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

A. Protection in respect of conviction for offences

B. Traffic in human beings prohibited

C. Protection of interests of minorities

D. Prohibits taxes on religious grounds

Ans  1. C

 2. B

 3. D

 4. A

Question ID : 9888372282

Status : Not Attempted

Chosen Option : --

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

A. 750

B. 500

C. 1000

D. 1200

Ans  1. B

 2. D

 3. A

 4. C

Question ID : 9888372311

Status : Answered

Chosen Option : 3

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

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

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

Question ID : **9888372308**

Status : **Answered**

Chosen Option : **3**

**Q.12** MATHEMATICS is related to NUMBERS in the same way HISTORY is related to \_\_\_\_\_

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

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

Question ID : **9888372347**

Status : **Answered**

Chosen Option : **1**

**Q.13** In which year was Facebook started?

- A. 2002
- B. 2004
- C. 2008
- D. 2009

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

Question ID : **9888372300**

Status : **Answered**

Chosen Option : **3**

Q.14 What is the chemical formula of Ozone?

- A. O
- B. O<sub>2</sub>
- C. O<sub>3</sub>
- D. O<sub>4</sub>

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

Question ID : 9888372281

Status : Answered

Chosen Option : 4

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

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

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

**Choose the correct option.**

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

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

Question ID : 9888372368

Status : Answered

Chosen Option : 1

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

- A. Bark
- B. Moo
- C. Screech
- D. Growl

Ans  1. A

Question ID : 9888372292

Status : Answered

Chosen Option : 3

- ☒ 2. D
- ☒ 3. B
- ☒ 4. C

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

7528 : 5362 :: 4673 : ?

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

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

Question ID : 9888372350

Status : Answered

Chosen Option : 2

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

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

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

Question ID : 9888372338

Status : Answered

Chosen Option : 1

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

12 M 12 D 28 P 7 T 15

- A. -21
- B. 15
- C. 30
- D. -15

**Ans** ☒ 1. D  
☒ 2. C

Question ID : 9888372342

Status : Answered

Chosen Option : 4

 3. B

 4. A

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

- A. John Walker
- B. Gary Crow
- C. Walter Palmer
- D. Rupert Watson

Question ID : 9888372285

Status : **Not Attempted**

Chosen Option : --

Ans  1. D

 2. B

 3. A

 4. C

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

- A. Calories
- B. Kelvin
- C. Fat
- D. Amperes

Question ID : 9888372305

Status : **Answered**

Chosen Option : 4

Ans  1. D

 2. C

 3. B

 4. A

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

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

Question ID : 9888372306

Status : **Answered**

Chosen Option : 4



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

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

- A. Karl Benz
- B. Emile Berliner
- C. Rudolf Diesel
- D. Ralph H. Baer

Question ID : 9888372296

Status : Answered

Chosen Option : 4

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

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

- A. 16%
- B. 14%
- C. 25%
- D. 11%

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

Question ID : 9888372322

Status : Answered

Chosen Option : 1

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

- A. 7:2
- B. 2:3
- C. 7:1
- D. 3:5

- Ans
- ☒ 1. C
  - ☒ 2. A
  - ☒ 3. B

Question ID : 9888372328

Status : Answered

Chosen Option : 2

 4. D

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

- A. Teak
- B. Willow
- C. Bamboo
- D. Rosewood

Question ID : **9888372278**

Status : **Answered**

Chosen Option : 1

**Ans**  1. B

 2. A

 3. D

 4. C

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

- A. Transformer
- B. Battery
- C. Electric Generator
- D. Wheel

Question ID : **9888372288**

Status : **Answered**

Chosen Option : 2

**Ans**  1. C

 2. B

 3. A

 4. D

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

- A.  $10^\circ$
- B.  $20^\circ$
- C.  $30^\circ$
- D.  $25^\circ$

Question ID : **9888372327**

Status : **Answered**

Chosen Option : 4

**Ans**  1. B

 2. C

 3. D

 4. A

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

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

Ans  1. B

 2. A

 3. D

 4. C

Question ID : 9888372309

Status : **Answered**

Chosen Option : 3

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

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

Ans  1. C

 2. D

 3. A

 4. B

Question ID : 9888372274

Status : **Answered**

Chosen Option : 1

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

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

Ans  1. C

 2. A

 3. B

Question ID : 9888372280

Status : **Answered**

Chosen Option : 4

✓ 4. D

Q.32 What are stars primarily made of?

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

Question ID : 9888372304

Status : Answered

Chosen Option : 2

Ans ✗ 1. A

✓ 2. C

✗ 3. B

✗ 4. D

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

- A. 15<sup>th</sup> Aug 1947
- B. 3<sup>rd</sup> June 1947
- C. 17<sup>th</sup> July 1947
- D. 1<sup>st</sup> July 1947

Question ID : 9888372276

Status : Answered

Chosen Option : 4

Ans ✓ 1. B

✗ 2. C

✗ 3. A

✗ 4. D

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

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

Question ID : 9888372313

Status : Answered

Chosen Option : 3

Ans ✗ 1. A

✗ 2. C

✓ 3. D

 4. B

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

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

**Ans**  1. A

 2. C

 3. D

 4. B

Question ID : **9888372316**

Status : **Answered**

Chosen Option : 2

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

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

**Ans**  1. A

 2. D

 3. C

 4. B

Question ID : **9888372343**

Status : **Answered**

Chosen Option : 4

**Q.37** Stainless steel was invented by

- A. William Howard Livens
- B. Joseph Aspdin
- C. Harry Brearley
- D. James Dyson

**Ans**  1. A

 2. D

 3. B

 4. C

Question ID : **9888372295**

Status : **Not Attempted**

Chosen Option : --

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

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

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

Question ID : **9888372337**

Status : **Answered**

Chosen Option : **4**

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

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

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

Question ID : **9888372293**

Status : **Answered**

Chosen Option : **4**

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

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

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

Question ID : **9888372336**

Status : **Answered**

Chosen Option : **3**

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

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

Ans  1. A

 2. B

 3. C

 4. D

Question ID : 9888372283

Status : Answered

Chosen Option : 3

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

- A. Airtel
- B. Vodafone
- C. Verizon
- D. Digicel

Ans  1. B

 2. A

 3. D

 4. C

Question ID : 9888372294

Status : Answered

Chosen Option : 2

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

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

Ans  1. A

 2. B

Question ID : 9888372301

Status : Answered

Chosen Option : 1

☒ 3. C

☒ 4. D

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

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

**Reason (R):** Judiciary favors the government and helps in the implementation of its plans.

**Choose the correct option.**

A. A is true but R is false.

B. A is false but R is true.

C. Both A and R are true and R is the correct explanation of A.

D. Both A and R are false

**Ans** ☒ 1. A

☒ 2. D

☒ 3. B

☒ 4. C

Question ID : 9888372369

Status : **Answered**

Chosen Option : 1

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

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

**Ans** ☒ 1. C

☒ 2. A

☒ 3. D

☒ 4. B

Question ID : 9888372320

Status : **Answered**

Chosen Option : 2

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

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

**Ans** ☒ 1. B

Question ID : 9888372332

Status : **Answered**

Chosen Option : 2



✓ 2. A

✗ 3. C

✗ 4. D

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

A. IKA EY

B. IEKAY

C. IKEAY

D. IAKEY

Ans ✗ 1. B

✓ 2. C

✗ 3. D

✗ 4. A

Question ID : 9888372339

Status : Answered

Chosen Option : 2

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

A. Sania Mirza

B. Leander Paes

C. Mahesh Bhupathi

D. Rohan Bopanna

Ans ✗ 1. B

✓ 2. A

✗ 3. D

✗ 4. C

Question ID : 9888372279

Status : Answered

Chosen Option : 2

Q.49 What does ATM stand for?

A. Any Time Money

B. Automated Teller Machine

C. Automatic Talking Media

D. Analog Time Machine

Ans ✓ 1. B

Question ID : 9888372299

Status : Answered

Chosen Option : 1

- ☒ 2. D
- ☒ 3. A
- ☒ 4. C

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

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

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

Question ID : **9888372334**

Status : **Answered**

Chosen Option : **3**

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

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

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

Question ID : **9888372273**

Status : **Not Attempted**

Chosen Option : **--**

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

**Mother : Child :: Cloud : ?**

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

**Ans** ☒ 1. B  
☒ 2. C  
☒ 3. A

Question ID : **9888372351**

Status : **Answered**

Chosen Option : **3**

 4. D

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

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

Question ID : **9888372331**

Status : **Answered**

Chosen Option : **4**

**Ans**  1. A

 2. D

 3. B

 4. C

**Comprehension:**

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

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

**SubQuestion No : 54**

**Q.5** How many female members in the family?  
4

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

Question ID : **9888372354**

Status : **Answered**

Chosen Option : **2**

**Ans**  1. A

 2. C

 3. D

 4. B

**Comprehension:**

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

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

**SubQuestion No : 55**

**Q.5** Which of the following pairs is the parents of the children?  
5

- A. Raju & Banu
- B. Arjun & Banu
- C. Raju & Rani
- D. Arjun & Rani

Question ID : **9888372353**

Status : **Answered**

Chosen Option : 1

**Ans** ✓ 1. D

✗ 2. B

✗ 3. A

✗ 4. C

**Comprehension:**

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

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

**SubQuestion No : 56**

**Q.5** What relationship to Divya and Elamathi bear to each other respectively?  
6

- A. Sisters
- B. Mother & Daughter
- C. Grandmother & Granddaughter
- D. Cannot be determined

Question ID : **9888372355**

Status : **Answered**

Chosen Option : 1

**Ans** ✓ 1. A

✗ 2. B

✗ 3. C

✗ 4. D

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

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

**Ans**  1. D

 2. C

 3. B

 4. A

Question ID : **9888372312**

Status : **Answered**

Chosen Option : **2**

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

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

**Ans**  1. C

 2. D

 3. B

 4. A

Question ID : **9888372269**

Status : **Answered**

Chosen Option : **3**

### Comprehension:

**The following questions are based on the information given below:**

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

**SubQuestion No : 59**

**Q.59** How many read only The Hindu?

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

**Ans**  1. D

 2. C

Question ID : **9888372362**

Status : **Answered**

Chosen Option : **3**

✓ 3. B

✗ 4. A

**Comprehension:**

**The following questions are based on the information given below:**

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

**SubQuestion No : 60**

**Q.6** How many read Indian Express and Times of India but not The Hindu?

0

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

**Ans**

✓ 1. C

✗ 2. D

✗ 3. B

✗ 4. A

Question ID : **9888372361**

Status : **Answered**

Chosen Option : 1

**Comprehension:**

**The following questions are based on the information given below:**

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

**SubQuestion No : 61**

**Q.6** How many read only Indian Express?

1

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

**Ans**

✗ 1. A

Question ID : **9888372360**

Status : **Answered**

Chosen Option : 3

 2. D

 3. B

 4. C

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

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

**Ans**  1. A

 2. B

 3. C

 4. D

Question ID : **9888372307**

Status : **Answered**

Chosen Option : 4

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

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

**Ans**  1. D

 2. A

 3. C

 4. B

Question ID : **9888372267**

Status : **Answered**

Chosen Option : 1

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

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

**Ans**  1. D

 2. B

 3. A

 4. C

Question ID : **9888372323**

Status : **Answered**

Chosen Option : 1

**Comprehension:**

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

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

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

**SubQuestion No : 65**

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

- 5**
- A. 76.8 lakhs
  - B. 78.6 lakhs
  - C. 80 lakhs
  - D. 74 lakhs

**Ans**

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

Question ID : **9888372364**

Status : **Answered**

Chosen Option : **3**

**Comprehension:**

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

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

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



**SubQuestion No : 66**

**Q.6** In store T the sales for 2011 amounted to about what percentage of the sales for 2012?

6

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

**Ans**  1. D

 2. A

 3. C

 4. B

Question ID : **9888372366**

Status : **Answered**

Chosen Option : 4

**Comprehension:**

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

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

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

**SubQuestion No : 67**

**Q.6** In 2012 which of the stores had greater sales than any other stores?

7

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

**Ans**  1. D

 2. C

 3. A

 4. B

Question ID : **9888372365**

Status : **Answered**

Chosen Option : 3

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

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

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

Question ID : 9888372321

Status : Answered

Chosen Option : 3

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

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

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

Question ID : 9888372329

Status : Answered

Chosen Option : 1

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

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

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

Question ID : 9888372330

Status : Answered

Chosen Option : 3

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

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

**Ans**  1. D  
 2. B

Question ID : 9888372315

Status : Answered

Chosen Option : 3

✓ 3. A

✗ 4. C

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

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

Question ID : 9888372275

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

Chosen Option : --

**Ans** ✗ 1. B

✗ 2. D

✗ 3. C

✓ 4. A

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

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

Question ID : 9888372340

Status : **Answered**

Chosen Option : 1

**Ans** ✓ 1. D

✗ 2. A

✗ 3. B

✗ 4. C

**Q.74** If  $(\sin A + \cos A) / (\sin A - \cos A) = 5/4$ , the value of  $(\tan 2A + 1) / (\tan 2A - 1) = ?$

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

Question ID : 9888372318

Status : **Answered**

Chosen Option : 4

**Ans** 1. B

2. C

3. D

4. A

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

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

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

**Ans**  1. D

 2. A

 3. B

 4. C

Question ID : **9888372314**

Status : **Answered**

Chosen Option : 1

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

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

**Ans**  1. B

 2. D

 3. C

 4. A

Question ID : **9888372326**

Status : **Answered**

Chosen Option : 2

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

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

**Ans**  1. C

 2. B

 3. A

 4. D

Question ID : **9888372298**

Status : **Answered**

Chosen Option : 2

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

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

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

Question ID : 9888372272

Status : Answered

Chosen Option : 1

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

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

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

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

Question ID : 9888372319

Status : Answered

Chosen Option : 4

Q.80 In the following expression ' $\alpha$ ' stands for '>'; ' $\beta$ ' stands for '<'; ' $\gamma$ ' stands for 'not greater than'; ' $\delta$ ' stands for 'not less than'; and ' $\mu$ ' stands for '='.

If  $3C \delta 2A$  and  $B \alpha C$ , then which of the following statement is true?

- A.  $3B \mu 2A$
- B.  $B \mu A$
- C.  $3B \alpha 2A$
- D.  $2A \alpha 3B$

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

Question ID : 9888372344

Status : Answered

Chosen Option : 1

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

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

**Ans**  1. D

 2. C

 3. A

 4. B

Question ID : 9888372289

Status : **Answered**

Chosen Option : 4

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

Mosquito : Malaria : : \_\_\_\_\_ : \_\_\_\_\_

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

**Ans**  1. D

 2. A

 3. B

 4. C

Question ID : 9888372345

Status : **Answered**

Chosen Option : 1

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

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

**Ans**  1. B

 2. D

 3. C

 4. A

Question ID : 9888372277

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

Chosen Option : --

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

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

**Ans**  1. B

 2. C

 3. D

 4. A

Question ID : **9888372358**

Status : **Answered**

Chosen Option : 3

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

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

**Ans**  1. A

 2. B

 3. D

 4. C

Question ID : **9888372325**

Status : **Answered**

Chosen Option : 2

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

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

**Ans**  1. A

 2. C

 3. D

 4. B

Question ID : **9888372303**

Status : **Answered**

Chosen Option : 1

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

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

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

**Choose the correct option.**

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

**Ans**  1. D

 2. C

 3. B

 4. A

Question ID : **9888372367**

Status : **Answered**

Chosen Option : 1

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

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

**Ans**  1. A

 2. C

 3. B

 4. D

Question ID : **9888372357**

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

Chosen Option : --

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

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

**Ans**  1. C

 2. A

 3. D

Question ID : **9888372297**

Status : **Answered**

Chosen Option : 2



 4. B

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

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

**Ans**  1. D

 2. A

 3. C

 4. B

Question ID : **9888372346**

Status : **Answered**

Chosen Option : **3**

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

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

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

**Ans**  1. D

 2. C

 3. B

 4. A

Question ID : **9888372349**

Status : **Answered**

Chosen Option : **4**

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

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

**Ans**  1. A

 2. C

 3. B

Question ID : **9888372310**

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

Chosen Option : **--**

 4. D

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

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

**Ans**  1. C

 2. A

 3. D

 4. B

Question ID : **9888372270**

Status : **Not Attempted**

Chosen Option : --

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

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

**Ans**  1. B

 2. C

 3. D

 4. A

Question ID : **9888372286**

Status : **Not Attempted**

Chosen Option : --

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

$$5 \quad 0 \quad 3 \quad 5 = 20$$

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

**Ans**  1. B

 2. C

 3. D

 4. A

Question ID : **9888372341**

Status : **Answered**

Chosen Option : 2

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

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

Ans  1. C

 2. B

 3. D

 4. A

Question ID : 9888372291

Status : **Answered**

Chosen Option : 4

Q.97 How do you know Yarlung Tsangpo better?

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

Ans  1. B

 2. D

 3. A

 4. C

Question ID : 9888372271

Status : **Answered**

Chosen Option : 1

Q.98 The famous Sanchi Stupa was commissioned by

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

Ans  1. D

 2. B

Question ID : 9888372287

Status : **Not Attempted**

Chosen Option : --

 3. C

 4. A

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

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

**Ans**  1. A

 2. D

 3. C

 4. B

Question ID : 9888372335

Status : Answered

Chosen Option : 1

**Q.10** Ramesh sold a phone at a loss of 5%. Had he sold it for Rs. 200 more, he would have gained 15%. To gain 25%, he should sell it for :

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

**Ans**  1. B

 2. A

 3. C

 4. D

Question ID : 9888372333

Status : Answered

Chosen Option : 4