



# RAILWAY RECRUITMENT BOARDS

## रेलवे भर्ती बोर्ड

RRB NTPC 12th April 2016 Shift 3

Roll No:	
Participants Name:	
Test Center Name:	
Test Date:	12/04/2016
Test Time:	4:00 PM - 5:30 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 Ritesh sold a pen for Rs. 36 with a profit of 20%. If it were sold for Rs. 33, then what could be the percentage of profit or loss?

- A. 10% Profit
- B. 15% Profit
- C. 12% Loss
- D. 18% Loss

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

Question ID : 9888372126

Status : Answered

Chosen Option : 2

Q.2 Which sport has the highest rank of Yokozuna?

- A. Sumo wrestling
- B. Judo
- C. Jujitsu
- D. Kendo

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

Question ID : 9888372072

Status : Not Attempted

Chosen Option : --

Q.3 Rearrange the jumbled up letters in their natural sequence and find the odd one out.

- A. SAMR
- B. MOETC
- C. USVNE
- D. PUJIERT

Ans  1. B  
 2. C  
 3. D

Question ID : 9888372151

Status : Not Attempted

Chosen Option : --

 4. A

Q.4 What does UFO stand for?

- A. Under Fire Object
- B. Unidentified Flying Object
- C. Unapproved Foreign Object
- D. Unidentified Free Object

Ans  1. A

 2. D

 3. C

 4. B

Question ID : 9888372098

Status : **Not Attempted**

Chosen Option : --

Q.5 The height of a light house is 20 meters above sea level. The angle of depression (from the top of the lighthouse) of a ship in the sea is  $30^\circ$ . What is the distance of the ship from the foot of the light house?

- A. 16 m
- B.  $20\sqrt{3}$  m
- C. 20 m
- D. 30 m

Ans  1. B

 2. D

 3. C

 4. A

Question ID : 9888372113

Status : **Not Attempted**

Chosen Option : --

Q.6 Which queen of Ahmednagar opposed emperor Akbar?

- A. Rani Durgavati
- B. Zeenat Mahal
- C. Chand Bibi
- D. Razia Sultan

Ans  1. D

 2. C

 3. A

 4. B

Question ID : 9888372068

Status : **Answered**

Chosen Option : 4

Q.7 When is International day for Preservation of Ozone layer observed?

- A. September 16
- B. July 4
- C. January 23
- D. May 1

Ans  1. B

 2. C

 3. D

 4. A

Question ID : 9888372075

Status : **Answered**

Chosen Option : 4

Who invented the bifocal glasses?

- A. Thomas Alva Edison
- B. Benjamin franklin
- C. Evangelista
- D. Isaac Newton

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

Question ID : 9888372088

Status : Answered

Chosen Option : 4

Q.9 Identify the odd one from the list below.

- A. Snake
- B. Lizard
- C. Reptiles
- D. Crocodile

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

Question ID : 9888372140

Status : Answered

Chosen Option : 3

Q.10 What denotes learned and shared beliefs and behaviours?

- A. Culture
- B. Ethnicity
- C. Group
- D. Descent

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

Question ID : 9888372091

Status : Answered

Chosen Option : 2

Q.11 Who invented the mobile phone?

- A. Joseph Wilson
- B. Edwin Land
- C. Martin Cooper
- D. John Lloyd Wright

Ans  1. C  
 2. A

Question ID : 9888372090

Status : Answered

Chosen Option : 1

 3. D

 4. B

Q.12 What of the following refers to hypotheses which are confirmed by varied tests?

- A. Assumption
- B. Theory
- C. Answer
- D. Opinion

Ans  1. A

 2. C

 3. D

 4. B

Question ID : 9888372092

Status : Answered

Chosen Option : 4

Q.13 What does PDA stand for?

- A. Personal Data Assistant
- B. Personal Digital Assistant
- C. Prime Data Assistant
- D. Prime Digital Assistant

Ans  1. B

 2. A

 3. D

 4. C

Question ID : 9888372094

Status : Answered

Chosen Option : 3

Q.14 If the angles of a triangle are in the ratio of 1:4:7, 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. A

 2. C

 3. B

 4. D

Question ID : 9888372122

Status : Answered

Chosen Option : 2

Q.15 Name the architect who designed New Delhi.

- A. Le Corbusier
- B. Sir Edwin Lutyens
- C. Andrew Paul
- D. George Baker

Ans  1. B

 2. C

 3. D

 4. A

Question ID : 9888372064

Status : Answered

Chosen Option : 1

**Q.16** The mean of 10 observations is 17. One more observation is included and the new mean becomes 16. The 11<sup>th</sup> observation is

- A. 16
- B. 8
- C. 6
- D. 12

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

Question ID : **9888372124**

Status : **Answered**

Chosen Option : **3**

**Q.17** Battle of Plassey was fought by the British under the leadership of

- A. Robert Clive
- B. Lord Dalhousie
- C. Warren Hastings
- D. James Heartly

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

Question ID : **9888372069**

Status : **Answered**

Chosen Option : **1**

**Q.18** Arun and Amit can do a piece of work in 9 days and 12 days respectively. If they work for alternate days and Amit starts the work first, then in how many days  $\frac{35}{36}$  parts of whole work will be completed?

- A. 10 days
- B. 12 days
- C. 5 days
- D. 8 days

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

Question ID : **9888372109**

Status : **Answered**

Chosen Option : **1**

**Q.19** Aparna changes the marked price of an item to 50% above its C.P. What % of discount allowed in approximately to gain 10%?

- A. 27%
- B. 25%
- C. 35%
- D. 37%

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




Question ID : **9888372128**

Status : **Answered**

Chosen Option : **3**

**Q.20** A wholesaler purchased 7 hair clips for a rupee. How many for a rupee must he sell to get profit of 40%

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

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

Question ID : **9888372127**

Status : **Answered**

Chosen Option : **3**

 4. D

Q.21 If  $E = 5$ ,  $GUN = 42$  and  $ROSE = 57$ , then what is the value of GATE?

- A. 23
- B. 32
- C. 33
- D. 35

Ans  1. C

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

Question ID : 9888372132

Status : Answered

Chosen Option : 1

Q.22 In which state is the Valley of Flowers National park situated?

- A. Uttarakhand
- B. Himachal Pradesh
- C. Jammu and Kashmir
- D. Assam

Ans  1. C

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

Question ID : 9888372080

Status : Answered

Chosen Option : 3

Q.23 Three numbers are given in which the second is triple the first and is also double the third. If the average of the three numbers is 66, find the first number.

- A. 36
- B. 54
- C. 108
- D. 72

Ans  1. A

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

Question ID : 9888372114

Status : Not Attempted

Chosen Option : --

Q.24 Pihu and Aayu are running on a circular track of diameter 28 m. Speed of Pihu is 48 m/s and that of Aayu is 40 m/s. They start from the same point at the same time in the same direction. When will they meet again for the first time?

- A. 8 seconds
- B. 11 seconds
- C. 13 seconds
- D. 14 seconds

Ans  1. D

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

Question ID : 9888372130

Status : Not Attempted

Chosen Option : --

Q.25

Question ID : 9888372078

Status : Answered

Chosen Option : 3

Who replaced B. S. Bassi as the Delhi Police Commissioner?

- A. Alok Kumar Verma
- B. Rakesh Maria
- C. Dattatray Padsalgikar
- D. Neeraj Kumar

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

Comprehension:

In the following questions are to be based on the details given below:

A salesman visits 274 houses in a town to find out the views about three products X, Y and Z. He found that 157 use X, 98 use only X, 22 use all the three, 14 use X and Z but not Y, 39 use Y and Z, 48 use only Y

SubQuestion No : 26

Q.2  
6 Which product is the most popular one?

- A. X
- B. Y
- C. Z
- D. Both X and Z

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

Question ID : 9888372154

Status : Not Attempted

Chosen Option : --

Comprehension:

In the following questions are to be based on the details given below:

A salesman visits 274 houses in a town to find out the views about three products X, Y and Z. He found that 157 use X, 98 use only X, 22 use all the three, 14 use X and Z but not Y, 39 use Y and Z, 48 use only Y

SubQuestion No : 27

Q.2  
7 How many use product Z only?

- A. 10
- B. 50
- C. 52
- D. 25

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

Question ID : 9888372155

Status : Not Attempted

Chosen Option : --





Comprehension:

In the following questions are to be based on the details given below:

A salesman visits 274 houses in a town to find out the views about three products X, Y and Z. He found that 157 use X, 98 use only X, 22 use all the three, 14 use X and Z but not Y, 39 use Y and Z, 48 use only Y

SubQuestion No : 28

Q.2  
8 What fraction used at least two products?

- A.  $67/274$
- B.  $76/274$
- C.  $73/274$
- D.  $37/274$

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

Question ID : 9888372156  
Status : Not Attempted  
Chosen Option : --

Q.29 A superfast Duronto express running at 90 kmph overtakes a bike running at 36 kmph in 25 seconds. What is the length of the train in meters?

- A. 375 m
- B. 225 m
- C. 275 m
- D. 325 m

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

Question ID : 9888372129  
Status : Answered  
Chosen Option : 3

Q.30 If EFMIJ means DELHI, then the last letter of the word got by decoding IQBOS is

- A. R
- B. T
- C. K
- D. M

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

Question ID : 9888372134  
Status : Answered  
Chosen Option : 2

Q.31 An Assertion (A) and Reason (R) are given below.

**Assertion (A):** We prefer to wear white clothes in winter.

**Reason (R):** White clothes are good reflectors of heat.

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 true and R is not the correct explanation of A.

Ans  1. C

Question ID : 9888372162  
Status : Answered  
Chosen Option : 2

2. B

3. A

4. D

**Q.32** Select the pair in which the numbers are similarly related as in the given pair:

9 : 27 :: ----- : -----

A. 5 : 125

B. 8 : 64

C. 15 : 135

D. 81 : 729

**Ans**  1. D

2. C

3. A

4. B

Question ID : 9888372144

Status : Answered

Chosen Option : 1

**Q.33** How many princely states were there in India at the time of Independence?

A. 347

B. 490

C. 565

D. 418

**Ans**  1. A

2. B

3. D

4. C

Question ID : 9888372070

Status : Answered

Chosen Option : 4

**Q.34** Given that  $x + (1/x) = 15$ , then find the value of  $5x \div (5x^2 - 11x + 5)$

A. 1/3

B. 1/4

C. 1/5

D. 1/11

**Ans** 1. A

2. B

3. D

4. C

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

Question ID : 9888372103

Status : Answered

Chosen Option : 2

**Q.35** Who is considered as the Father of Modern Indian Renaissance?

A. Mahatma Gandhi

B. Sardar Vallabhbhai Patel

C. Vinoba Bhave

D. Raja Ram Mohan Roy

**Ans**  1. B

2. A

3. C

4. D



Question ID : 9888372076

Status : Answered

Chosen Option : 4

Q.36 Find the largest number of three digits exactly divisible by 15, 18, 27 and 30.

- A. 870
- B. 900
- C. 810
- D. 780

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



Question ID : 9888372105

Status : Answered

Chosen Option : 4

Q.37 Who invented the Band-aid?

- A. Earle Dickson
- B. Alan Gant
- C. Louis Pasteur
- D. Frank Epperson

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




Question ID : 9888372089

Status : Not Attempted

Chosen Option : --

Q.38 If  $(x+1/x) = 2$  , then find the value of  $(x^3+1/x^3) \div (x^{18}+1/x^{18})$

- A. 2/9
- B. 5
- C. 1
- D. 1/9

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


Question ID : 9888372102

Status : Not Attempted

Chosen Option : --

Q.39 Find the approximate simple interest on Rs.2000 from March 9, 2010 to May 21, 2010 at 8.25% per annum.

- A. Rs 43
- B. Rs 37
- C. Rs 33
- D. Rs 40

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

Question ID : 9888372107

Status : Not Attempted

Chosen Option : --

Q.40

Question ID : 9888372112

Status : Not Attempted

Chosen Option : --

The angle of elevation of the top of a tower at a distance of 25 m from its foot is  $60^\circ$ .  
The approximate height of the tower is -

- A. 20.3 m
- B. 15.3 m
- C. 36.3 m
- D. 43.3 m

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

Q.41 Which of the following refers to the number of pixels per inch, printed on a page?

- A. Print Margin
- B. Resolution
- C. Filter
- D. Colour mode

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

Question ID : 9888372095

Status : Answered

Chosen Option : 1

Q.42 In which generation of computer was the mechanical language for programming used?

- A. First
- B. Second
- C. Third
- D. Fourth

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

Question ID : 9888372093

Status : Answered

Chosen Option : 4

Q.43 Which is the fastest land animal in the World?

- A. Dog
- B. Cheetah
- C. Tiger
- D. Horse

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

Question ID : 9888372087

Status : Answered

Chosen Option : 2

Q.44 If @ means +, # means -, \$ means x and \* means  $\div$ , then what is the value of  $16 @ 4 \$ 5 \# 72 * 8 =$

- A. 27
- B. 26
- C. 36
- D. 35

Question ID : 9888372137

Status : Answered

Chosen Option : 2

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

**Q.45** 4 years ago, the ratio of Vikah's to Rahul's age was 3: 5. After 6 years, this ratio would become 4: 5. Find present age of Rahul.

- A. 10  
B. 15  
C. 14  
D. 17

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

Question ID : 9888372116  
Status : Answered  
Chosen Option : 1

**Q.46** If in a certain code language, PROMOTION is written as 365458957, how will the word MONITOR be written in that code language?

- A. 4579856  
B. 4578956  
C. 4597866  
D. 4578596

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

Question ID : 9888372131  
Status : Answered  
Chosen Option : 1

**Q.47** If '+' means 'multiplication', '-' means 'division', 'x' means 'subtraction' and '÷' means 'addition', then  $9 + 8 \div 8 - 4 \times 9$  is

- A. 65  
B. 11  
C. 26  
D. 56

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

Question ID : 9888372135  
Status : Answered  
Chosen Option : 1

**Q.48** Who was the American astronaut who returned to Earth after spending 340 days in International Space Station?

- A. Scott Kelly  
B. Mikhail Kormienko  
C. Eric Boe  
D. Douglas Hurley

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

Question ID : 9888372062  
Status : Answered  
Chosen Option : 1

**Q.49**

Question ID : 9888372082

Knife is an example for

- A. Lever
- B. Wedge
- C. Inclined plane
- D. Pulley

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

Status : **Answered**  
Chosen Option : 2

**Q.50** The famous tennis player Steffi Graf belongs to which among the following countries?

- A. USA
- B. England
- C. Germany
- D. Switzerland

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

Question ID : **9888372073**  
Status : **Answered**  
Chosen Option : 1

**Q.51** When two liquids do not mix with each other to form a solution, what is it called?

- A. Solvent
- B. Solute
- C. Immiscible
- D. Decantation

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

Question ID : **9888372085**  
Status : **Answered**  
Chosen Option : 2

**Comprehension:**

**Study the following information carefully and answer the questions given below it.**

- (i) There are six members in a family in which there are two married couples.
- (ii) Sandhya, a lawyer, is married to the engineer and is mother of Charu and Suraj.
- (iii) Bhuvanesh, the teacher, is married Aruna.
- (iv) Aruna has one son and one grandson.
- (v) Of the two married ladies one is a housewife.
- (vi) There is also one student and one male doctor in the family

SubQuestion No : 52

Q 5

2 How is Aruna related to Charu?

- A. Sister
- B. Mother
- C. Grandfather
- D. Grandmother

Question ID : 9888372147

Status : Not Attempted

Chosen Option : --

Ans  1. A

 2. B

 3. D

 4. C

Comprehension:

**Study the following information carefully and answer the questions given below it.**

- (i) There are six members in a family in which there are two married couples.
- (ii) Sandhya, a lawyer, is married to the engineer and is mother of Charu and Suraj.
- (iii) Bhuvanesh, the teacher, is married Aruna.
- (iv) Aruna has one son and one grandson.
- (v) Of the two married ladies one is a housewife.
- (vi) There is also one student and one male doctor in the family

SubQuestion No : 53

Q.5  
3 Who among the following is the housewife?

- A. Charu
- B. Aruna
- C. Sandhiya
- D. None

Question ID : 9888372149

Status : Not Attempted

Chosen Option : --

Ans  1. C

 2. B

 3. D

 4. A

Comprehension:





Study the following information carefully and answer the questions given below it.

- (i) There are six members in a family in which there are two married couples.
- (ii) Sandhya, a lawyer, is married to the engineer and is mother of Charu and Suraj.
- (iii) Bhuvanesh, the teacher, is married Aruna.
- (iv) Aruna has one son and one grandson.
- (v) Of the two married ladies one is a housewife.
- (vi) There is also one student and one male doctor in the family

SubQuestion No : 54

Q.54 Which of the following is true about the granddaughter in the family?

- A. She is a Doctor
- B. She is a Teacher
- C. She is a Student
- D. Data inadequate

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

Question ID : 9888372148  
Status : Not Attempted  
Chosen Option : --

Q.55 Find the correct option which has a similar relationship.

**Produce : Waste :: Contrast : ?**

- A. Correct
- B. Match
- C. Contradict
- D. Oppose

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

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

Question ID : 9888372145  
Status : Not Attempted  
Chosen Option : --

Q.56 An Assertion (A) and a Reason (R) are given below.

**Assertion (A):** Beri – Beri is a viral infection.

**Reason (R):** Vitamin deficiency causes diseases.

**Choose the correct option.**

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

Question ID : 9888372161  
Status : Answered  
Chosen Option : 1

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

Q.57 Glaciers are formed by

- A. Melting snow
- B. Accumulation of snow
- C. Heavy hail fall
- D. High rainfall

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

Question ID : 9888372074

Status : Answered

Chosen Option : 1

Q.58 12 men and 16 women together can complete a work in 4 days. It takes 80 days for one man alone to complete the same work, then how many days would be required for one woman alone to complete the same work?

- A. 160
- B. 150
- C. 130
- D. 175

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

Question ID : 9888372108

Status : Not Attempted

Chosen Option : --

Q.59 Jalal, Amit and Feroz enter into partnership. Jalal invests 4 times as much as Amit and Amit invests three-fourth of what Feroz invests. At the end of the financial year, the total profit earned is Rs. 19,000. Find the share for Jalal.

- A. Rs.15,000
- B. Rs.12,000
- C. Rs.13,000
- D. Rs.10,000

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




Question ID : 9888372115

Status : Not Attempted

Chosen Option : --

Q.60 How many astronauts have walked on the moon?

- A. 2
- B. 5
- C. 8
- D. 12

- Ans  1. B  
 2. A  
 3. D

Question ID : 9888372097



Status : Answered

Chosen Option : 2

 4. C

Q.61 Identify the odd one from the list below.

- A. Stream
- B. Bridge
- C. Canal
- D. River

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

Question ID : 9888372142  
Status : Answered  
Chosen Option : 1

Q.62 An Assertion (A) and Reason (R) are given below.

**Assertion (A):** Leakages in household gas cylinders can be detected.

**Reason (R):** LPG has a strong smell.

**Choose the correct option.**





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

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

Question ID : 9888372163  
Status : Answered  
Chosen Option : 1

Q.63 Who was sworn in as the Prime Minister of Nepal in 2015?

- A. Sushil Koirala
- B. Bidhya Devi Bhandari
- C. Khadga Prasad Sharma Oli
- D. Kul Bahadur Gurung

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

Question ID : 9888372063  
Status : Answered  
Chosen Option : 2

Q.64 Who is the current FIFA president?

- A. Sepp Blatter
- B. Gianni Infantino
- C. Issa Hayatou
- D. Dunga

Question ID : 9888372079  
Status : Answered  
Chosen Option : 4

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

Q.65 Who won the 2015 Australian Grand Prix?

- A. Louis Hamilton
- B. Kimi Raikkonen
- C. Jenson Button
- D. Sebastian Vettel

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

Question ID : 9888372071  
Status : Answered  
Chosen Option : 1

Q.66 What are the waves that are used to penetrate solids and are used by doctors and at airports?

- A. Sound wave
- B. X-rays
- C. Electro magnetic
- D. Mechanical

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

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

Question ID : 9888372099  
Status : Answered  
Chosen Option : 4

Q.67 If  $(7x+5)^\circ$  and  $(x+5)^\circ$  are complementary angles, then find value of x.




- A. 10
- B. 20
- C. 30
- D. 40

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

Question ID : 9888372120  
Status : Answered  
Chosen Option : 4

Q.68 Rearrange the jumbled up letters in their natural sequence and find the odd one out.

- A. EARSUQ
- B. ONGPOYL
- C. NAEGRCELT
- D. RGETESNH

- Ans  1. B  
 2. D  
 3. C

Question ID : 9888372152  
Status : Not Attempted  
Chosen Option : --

 4. A

**Q.69** Choose the pair which is related in the same way as the words in the first pair from the given choices

Savage : Civilized : ----- : -----

- A. Brutal : Heroic
- B. Wild : Animal
- C. Dark : Light
- D. Illiterate : Book

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

Question ID : 9888372139  
Status : Answered  
Chosen Option : 3

**Q.70** In a college, 25% of male faculties are same in number as  $\frac{1}{3}$ rd of the female faculties. What is the ratio of male faculty to female faculty in that college?

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

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

Question ID : 9888372110  
Status : Answered  
Chosen Option : 2

**Q.71** If A denotes '+', B denotes '-', C denotes '÷', D denotes 'x' then the value of the expression  $9D \ 48 \ C \ 6 \ B \ 16 \ A \ 3$  is

- A. 53
- B. 35
- C. 59
- D. 56

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

Question ID : 9888372136  
Status : Answered  
Chosen Option : 4

**Q.72** What is the process of slow cooling of hot glass called?

- A. Annealing
- B. Humidifying
- C. Condensation
- D. Decantation

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

Question ID : 9888372084  
Status : Answered  
Chosen Option : 4

**Q.73**

Question ID : 9888372118  
Status : Answered  
Chosen Option : 3

Find the products :  $0.5 \times 0.05 \times 0.005 \times 500$

- A. 0.0625
- B. 0.00625
- C. 0.06255
- D. 0.625

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

Q.74 Boxing is related to Ring in the same way as Tennis is related to

- A. Court
- B. Ground
- C. Pool
- D. Arena

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

Question ID : 9888372141

Status : Answered

Chosen Option : 3

Q.75 Find the degree of the polynomial  $8x^4 + 2x^2y^3 + 4$

- A. 4
- B. 5
- C. 0
- D. 1

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

Question ID : 9888372101

Status : Not Attempted

Chosen Option : --

Q.76 In which Schedule to the Constitution of India is the list of States and Union Territories given?

- A. First Schedule
- B. Second Schedule
- C. Fourth Schedule
- D. Sixth Schedule

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

Question ID : 9888372077

Status : Answered

Chosen Option : 2

Q.77

Question ID : 9888372133

In a certain code, TABLE is written as GZYOV, then CHAIR can be written as

Status : **Answered**

Chosen Option : 2

- A. XRZSI
- B. XZSRI
- C. XSRZI
- D. XSZRI

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

Q.78 Milk of Magnesia is used as a

Question ID : **9888372100**

Status : **Answered**

Chosen Option : 4

- A. Laxative
- B. Pain killer
- C. Sedative
- D. Antibiotic

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

Q.79 In a number system, on dividing 11509 by a certain number, Mukesh gets 71 as quotient and 7 as remainder. What is the divisor?

Question ID : **9888372119**

Status : **Not Attempted**

Chosen Option : --

- A. 132
- B. 172
- C. 182
- D. 162

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

**Comprehension:**

The table below depicts the Number of Books Sold by 5 cities during 5 months. Study the following table and answer the questions:

Months	City A	City B	City C	City D	City E
June	213	200	195	253	229
July	156	208	216	187	175
August	177	197	185	181	215
September	220	145	235	265	231
October	253	188	278	243	249

SubQuestion No : 80

Q.8 0 If 30% of the total number of books sold by City B, D and E together in July were academic books, how many non – academic books were sold by the same Cities together in the same month?

- A. 379
- B. 389
- C. 399
- D. 309

Ans  1. C

 2. B

 3. D

 4. A

Question ID : 9888372159

Status : Not Attempted

Chosen Option : --

Comprehension:

The table below depicts the Number of Books Sold by 5 cities during 5 months. Study the following table and answer the questions:

Months	City A	City B	City C	City D	City E
June	213	200	195	253	229
July	156	208	216	187	175
August	177	197	185	181	215
September	220	145	235	265	231
October	253	188	278	243	249

SubQuestion No : 81

Q.8 1 What is the respective ratio between the total number of books sold by City A in July and September together and total number of books sold by City E in August and October together?

- A. 57 : 49
- B. 49 : 57
- C. 58 : 47
- D. 47 : 58

Ans  1. A

 2. C

Question ID : 9888372160

Status : Not Attempted

Chosen Option : --





✓ 3. D

✗ 4. B

Comprehension:

**The table below depicts the Number of Books Sold by 5 cities during 5 months. Study the following table and answer the questions:**

Months	City A	City B	City C	City D	City E
June	213	200	195	253	229
July	156	208	216	187	175
August	177	197	185	181	215
September	220	145	235	265	231
October	253	188	278	243	249

SubQuestion No : 82

Q.82 What is the average number of books sold by City C in July, September and October together?

- A. 243
- B. 242
- C. 234
- D. 224

Ans ✗ 1. C  
✓ 2. A  
✗ 3. D  
✗ 4. B

Question ID : 9888372158  
Status : Not Attempted  
Chosen Option : --

Q.83 Find the missing value denoted by ‘?’  
**3 : 243 :: 5 : ?**

- A. 625
- B. 465
- C. 3125
- D. 425

Ans ✗ 1. A  
✗ 2. B  
✗ 3. D  
✓ 4. C

Question ID : 9888372143  
Status : Answered  
Chosen Option : 4

Q.84

Question ID : 9888372125

If the standard deviation of a population is 3, what would be the population variance?

- A. 9
- B. 6
- C. 8
- D. 15

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

Status : **Answered**  
Chosen Option : 2

**Q.85** 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:**

Some buds are flowers.  
All flowers are trees.  
All trees are leaves.

**Conclusions:**

- I. Some leaves are buds.
- II. All flowers are leaves.

**Decide which of the below options logically follows the given conclusions.**

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

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

Question ID : **9888372150**  
Status : **Answered**  
Chosen Option : 1

**Q.86** Find the LCM of the following fractions:  $\frac{2}{3}$  ,  $\frac{8}{9}$  ,  $\frac{16}{27}$  ,  $\frac{32}{81}$

- A.  $\frac{32}{81}$
- B.  $\frac{81}{32}$
- C.  $\frac{32}{3}$
- D.  $\frac{11}{41}$

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

Question ID : **9888372104**  
Status : **Answered**  
Chosen Option : 1

**Q.87** In which state is Koyna dam located?

- A. Madhya Pradesh
- B. Rajasthan
- C. Maharashtra
- D. Gujarat

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

Question ID : **9888372065**  
Status : **Answered**  
Chosen Option : 1

**Q.88**

Which planet is the nearest in size to Earth?

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

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

Question ID : 9888372096  
Status : Answered  
Chosen Option : 1

Q.89 The mean of a distribution is 15 and the standard deviation is 5. What is the value of the coefficient variation?

- A. 16.66%
- B. 66.66%
- C. 33.33%
- D. 100%

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

Question ID : 9888372123  
Status : Not Attempted  
Chosen Option : --

Q.90 If S is the midpoint of a straight line PQ and R is a point different from S, such that  $PR=RQ$ , then

- A.  $\angle PRS=90^\circ$
- B.  $\angle QRS=90^\circ$
- C.  $\angle PSR=90^\circ$
- D.  $\angle QSR<90^\circ$

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

Question ID : 9888372121  
Status : Answered  
Chosen Option : 2

Q.91 Who constructed the Hawa Mahal?

- A. Maharaja Bhagvat Singh
- B. Maharaja Jagatjit Singh
- C. Maharaja Sawai Pratap Singh
- D. Maharajah Jaswant Singh

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

Question ID : 9888372081  
Status : Answered  
Chosen Option : 4

Q.92

Question ID : 9888372138  
Status : Answered  
Chosen Option : 2

If '>' means 'minus', '<' means 'plus', '\*' means 'multiplied by' and '#' means 'divided by', then what would be the value of

$$27 < 81 \# 9 > 6 =$$

- A. 32
- B. 30
- C. 36
- D. 25

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

Q.93 Which king's story is the subject of the play Mudrarakshasa?

- A. Jaychand
- B. Chandra Gupta II
- C. Chandrapeda
- D. Chandragupta Maurya

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

Question ID : 9888372067

Status : Answered

Chosen Option : 4

Q.94 The amount of alcohol in two different medicines is 1.5% and 2.5% respectively. In what ratio they should be mixed such that amount of alcohol in the new mixture is 3.5%?

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

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

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

Question ID : 9888372111

Status : Not Attempted

Chosen Option : --

Q.95 Who was responsible for building the Great wall of China?

- A. Qin Shi Huang
- B. Fa-Hien
- C. Xuanzang or Hiuen Tsang
- D. Yijing

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

Question ID : 9888372066

Status : Answered

Chosen Option : 3

Q.96

Question ID : 9888372061

Status : Answered

Chosen Option : 2

Martin Crowe who passed away recently was the former cricket captain of which country?

- A. Australia
- B. England
- C. New Zealand
- D. South Africa

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

Q.97 If 70% of  $\frac{5}{7}$ th of a number is 90, find the number.

- A. 150
- B. 180
- C. 160
- D. 190

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

Question ID : 9888372117  
Status : Answered  
Chosen Option : 4

Q.98 Which among the following is called quicksilver?

- A. Titanium
- B. Mercury
- C. Platinum
- D. Radium

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

Question ID : 9888372083  
Status : Answered  
Chosen Option : 3

Q.99 Which of the following is a vertebrate?

- A. Kiwi
- B. Sponges
- C. Star fish
- D. Threadworm

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

Question ID : 9888372086  
Status : Answered  
Chosen Option : 3

**Q.10** Find the total Simple Interest on Rs.500 at 7% per annum, on Rs.700 at 10% per annum and on Rs.1000 at 4% per annum for 3 years.

- A. 435
- B. 500
- C. 700
- D. 1000

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

Question ID : 9888372106

Status : Answered

Chosen Option : 3

