# RAILWAY RECRUITMENT BOARDS
## रेलवे भर्ती बोर्ड

## RRB NTPC 29th March 2016 Shift 3

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| | |
| | |
| Test Date: | 29/03/2016 |
| Test Time: | 4:00 PM - 5:30 PM |
| Subject: | RRB NTPC Graduate |

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

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**Q.1** The Mars Orbiter Mission (MOM), Mangalyaan was launched in the year

A. 2012
B. 2013
C. 2014
D. 2015

Question ID : **988837347**
Status : **Answered**
Chosen Option : **1**

**Ans**  ✗ 1. C

✗ 2. A

✔ 3. B

✗ 4. D

---

**Q.2** A body in motion essentially acquires

A. Kinetic energy
B. Potential energy
C. Mechanical energy
D. Heat energy

Question ID : **988837331**
Status : **Answered**
Chosen Option : **1**

**Ans**  ✔ 1. A

✗ 2. B

✗ 3. C

✗ 4. D

---

**Q.3** The disease osteoporosis is related to

A. Bones
B. Heart
C. Kidney
D. Lungs

Question ID : **988837341**
Status : **Not Attempted**
Chosen Option : **--**

**Ans**  ✗ 1. C

✔ 2. A

✗ 3. D

✗ 4. B

**Q.4** Four pairs of words are given. Three pairs are related and one is different in some respect. Identify the different pair.

A. Hydrogen : Sulphuric Acid
B. Chlorine : Salt
C. Oxygen : Water
D. Nitrogen : Hydrochloric Acid

Question ID : 988837390

Status : **Answered**

Chosen Option : **3**

**Ans**  ✗ 1. C

✗ 2. A

✓ 3. D

✗ 4. B

**Q.5** The 103rd Indian Annual Science Congress was held in

A. Bengaluru
B. Mysore
C. New Delhi
D. Lucknow

Question ID : 988837338

Status : **Answered**

Chosen Option : **2**

**Ans**  ✓ 1. B

✗ 2. C

✗ 3. A

✗ 4. D

**Q.6** An 18 feet high lamppost stands 10 feet away from a 6 feet tall tree. How long will be the shadow of the tree?

A. 10 feet
B. 7.5 feet
C. 6 feet
D. 5 feet

Question ID : 988837373

Status : **Answered**

Chosen Option : **3**

**Ans**  ✗ 1. C

✗ 2. A

✗ 3. B

✓ 4. D

**Q.7** Rearrange the following jumbled words and phrases to make a meaningful sentence:

5: and

6: Gopu

7: a famous mathematician

8: is also

9: is a great writer

The proper sequence should be:

A. 68759
B. 69875
C. 69587
D. 68795

Question ID : 988837399

Status : **Answered**

Chosen Option : **2**

**Ans**  ✗ 1. B

✓ 2. C

✗ 3. A

✗ 4. D

**Q.8**

Question ID : 988837319

Status : **Not Attempted**

Chosen Option : **--**

'Bismarck of India' refers to

   A. Jawaharlal Nehru
   B. Vallabhbhai Patel
   C. Sarojini Naidu
   D. Lokmanya Tilak

**Ans**  ✗ 1. C

      ✗ 2. D

      ✗ 3. A

      ✔ 4. B

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**Q.9** Which of the following is not a colourless and odourless gas?

| Question ID : **988837333** |
| Status : **Answered** |
| Chosen Option : **3** |

   A. Nitrogen
   B. Chlorine
   C. Hydrogen
   D. Oxygen

**Ans**  ✗ 1. A

      ✔ 2. B

      ✗ 3. D

      ✗ 4. C

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**Q.10** Select the alternative that shows a similar relationship as the given pair -

| Question ID : **988837389** |
| Status : **Answered** |
| Chosen Option : **3** |

**Yarn : Fabric**

   A. Root : Tree
   B. Heart : Body
   C. Metal : Sword
   D. Ink : Pen

**Ans**  ✗ 1. D

      ✗ 2. A

      ✔ 3. C

      ✗ 4. B

---

**Q.11** What is the area of the square, if the length of its diagonal is $13\sqrt{2}$ units?

| Question ID : **988837372** |
| Status : **Answered** |
| Chosen Option : **2** |

   A. 104 sq. units
   B. 169 sq. units
   C. 338 sq. units
   D. 676 sq. units

**Ans**  ✗ 1. D

      ✔ 2. B

      ✗ 3. A

      ✗ 4. C

---

**Q.12** Pushpa purchased two dozen pens for Rs. 480 and sold a pack of 4 pens for Rs. 100 each. What is her gain?

| Question ID : **988837367** |
| Status : **Answered** |
| Chosen Option : **4** |

   A. 20%
   B. 16%
   C. 18%
   D. 25%

**Ans**  ✗ 1. C

      ✗ 2. A

✗ 3. B

✓ 4. D

**Q.13** Which of the following statements is true with respect to Glucometer?

Question ID :**988837348**

Status : **Answered**

Chosen Option : **3**

A. It is a medical device.
B. It is a non-medical device.
C. It is used to measure oxygen level in the air.
D. It is used to measure nitrogen level in the air.

Ans ✗ 1. D

✗ 2. B

✓ 3. A

✗ 4. C

**Q.14** World Environment Day is celebrated on

Question ID :**988837324**

Status : **Answered**

Chosen Option : **1**

A. 5th April
B. 15th May
C. 5th June
D. 15th July

Ans ✓ 1. C

✗ 2. D

✗ 3. B

✗ 4. A

**Q.15** The sum of three consecutive even numbers is 42. Find the middle number.

Question ID :**988837355**

Status : **Answered**

Chosen Option : **1**

A. 12
B. 18
C. 16
D. 14

Ans ✓ 1. D

✗ 2. C

✗ 3. B

✗ 4. A

**Q.16** Women's Doubles World Champions for 2015 announced by International Tennis Federation are

Question ID :**988837322**

Status : **Answered**

Chosen Option : **2**

A. Martina Hingis and Sania Mirza
B. M. Sands and L Safarova
C. Serena Williams and Venus Williams
D. Sara Errani and Roberta Vinci

Ans ✗ 1. D

✓ 2. A

✗ 3. C

✗ 4. B

**Q.17** If **PERK = 5638** and **BLACKEN = 4917862** then **7317896** is

Question ID :**988837381**

Status : **Answered**

Chosen Option : **4**

A. PRICKLE
B. CRANKLE
C. CRIPPLE
D. CRACKLE

**Ans** ✗ 1. C

✗ 2. A

✗ 3. B

✓ 4. D

---

**Q.18** 'Akash' developed by DRDO is

| | |
|---|---|
| Question ID : **988837337** | |
| Status : **Answered** | |
| Chosen Option : **2** | |

A. A surface-to-air missile system.
B. A surface-to-surface missile system.
C. A air-to-surface missile system.
D. Not a missile system.

**Ans** ✗ 1. C

✓ 2. A

✗ 3. B

✗ 4. D

---

**Q.19** Ram lent Rs. 6,000/- to Shiva for 3 years and Rs. 8,000/- to Krishna for 5 years at the same rate of simple interest per annum.
He got a total interest of Rs. 5,220 from both. Find the rate of interest per annum.

A. 6%
B. 7%
C. 8%
D. 9%

| | |
|---|---|
| Question ID : **988837364** | |
| Status : **Answered** | |
| Chosen Option : **1** | |

**Ans** ✓ 1. D

✗ 2. C

✗ 3. A

✗ 4. B

---

**Q.20** How many 7's are there in the following sequence that are immediately followed by 9 but not immediately preceded by 5?

5 1 7 9 9 7 5 7 9 8 7 8 7 9 5 7 9

A. 6
B. 1
C. 2
D. 4

| | |
|---|---|
| Question ID : **988837394** | |
| Status : **Answered** | |
| Chosen Option : **1** | |

**Ans** ✓ 1. C

✗ 2. A

✗ 3. B

✗ 4. D

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**Q.21** Biotechnology means

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|---|---|
| Question ID : **988837336** | |
| Status : **Answered** | |
| Chosen Option : **2** | |

A. Technical study of bacteria.
B. Technical study of chemicals in the body.
C. Infusion of technology in human anatomy.
D. Use of living organisms in industrial processes.

**Ans** ✓ 1. D

✗ 2. C

✗ 3. A

✗ 4. B

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**Q.22**

| | |
|---|---|
| Question ID : **988837365** | |

On a certain principal, simple interest amounts to Rs. 2,000 in two years at the rate of 10% p.a. What will be the difference in the amount of interest if the same is compounded on annual basis?

A. Rs. 200
B. Rs. 220
C. Rs. 100
D. Rs. 120

Status : **Answered**

Chosen Option : **2**

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

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**Q.23** The cost of two and half kilogram of a vegetable is Rs. 120/-. What is the cost of half a kilo?

A. 60
B. 36
C. 24
D. 48

Question ID : **988837351**

Status : **Answered**

Chosen Option : **1**

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

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**Q.24** Cricket World Cup 2015 was hosted by

A. England
B. New Zealand
C. Australia
D. New Zealand & Australia

Question ID : **988837320**

Status : **Answered**

Chosen Option : **1**

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

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**Q.25** Russian Sukhoi 24 (SU-24) flight was shot down in November 2015 by

A. Syria
B. North Korea
C. Afghanistan
D. Turkey

Question ID : **988837310**

Status : **Not Attempted**

Chosen Option : **--**

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

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**Comprehension:**

Consider the following information and answer questions based on it.

Seven students – S, Y, O, R, H, T and I, are standing in a row, in random order.

1. I stands second from the left of T and fifth from the left of Y.

2. R is third from the right of S and O is to the immediate left of R.

3. Y stands at the extreme right.

**SubQuestion No : 26**

Q.2

**6** Who is stands on the extreme left?

A. H

B. T

C. I

D. S

Question ID : **988837396**

Status : **Answered**

Chosen Option : **3**

Ans  ✗ 1. C

✗ 2. B

✔ 3. A

✗ 4. D

**Comprehension:**

Consider the following information and answer questions based on it.

Seven students – S, Y, O, R, H, T and I, are standing in a row, in random order.

1. I stands second from the left of T and fifth from the left of Y.

2. R is third from the right of S and O is to the immediate left of R.

3. Y stands at the extreme right.

**SubQuestion No : 27**

**Q.2 7** Who stands to the immediate right of the person standing in the middle of the row?

A. S

B. R

C. I

D. O

Question ID : **988837397**

Status : **Answered**

Chosen Option : **3**

Ans  ✗ 1. A

✗ 2. B

✔ 3. D

✗ 4. C

**Comprehension:**

Consider the following information and answer questions based on it.

Seven students – S, Y, O, R, H, T and I, are standing in a row, in random order.

1. I stands second from the left of T and fifth from the left of Y.

2. R is third from the right of S and O is to the immediate left of R.

3. Y stands at the extreme right.

**SubQuestion No : 28**

**Q.2 8** There is at the most one person standing in between _____

A. H and R

B. T and Y

C. O and S

D. I and H

Question ID : **988837398**

Status : **Answered**

Chosen Option : **4**

Ans  ✗ 1. B

✗ 2. A

✗ 3. D

✔ 4. C

**Q.29** The pressure inside the cabin of the aircraft flying at an altitude is

    A. The same as that outside.
    B. Less than that outside.
    C. More than that outside.
    D. Normal atmospheric pressure at sea level.

**Ans** ✗ 1. D

    ✔ 2. C

    ✗ 3. A

    ✗ 4. B

Question ID : **988837332**
Status : **Not Attempted**
Chosen Option : **--**

**Q.30** Which of the following does computing in a personal computer?

    A. CPU
    B. Motherboard
    C. RAM
    D. BIOS

**Ans** ✗ 1. D

    ✗ 2. B

    ✔ 3. A

    ✗ 4. C

Question ID : **988837344**
Status : **Answered**
Chosen Option : **4**

**Q.31** Who among the following is not a Bharat Ratna recipient?

    A. Bhimsen Joshi
    B. A. R. Rahman
    C. Lata Mangeshkar
    D. M. S. Subbulakshmi

**Ans** ✗ 1. D

    ✗ 2. A

    ✗ 3. C

    ✔ 4. B

Question ID : **988837317**
Status : **Not Attempted**
Chosen Option : **--**

**Q.32** The mean and mode of the data 1, 9, 5, 4, 2, 1, 9, 9, 2, 1, 9, 1, 2, 1 is

    A. 4 and 9
    B. 5 and 1
    C. 4 and 1
    D. 5 and 9

**Ans** ✗ 1. A

    ✗ 2. B

    ✗ 3. D

    ✔ 4. C

Question ID : **988837377**
Status : **Not Attempted**
Chosen Option : **--**

**Q.33** The Rupee sign '₹' was adopted by Government of India in the year

    A. 2009
    B. 2010
    C. 2011
    D. 2012

**Ans** ✗ 1. C

Question ID : **988837311**
Status : **Answered**
Chosen Option : **2**

✗ 2. D

✔ 3. B

✗ 4. A

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**Q.34** Find the missing (?) in the series

BCA, FGE, ?, NOM, RSQ, VWU

    A. IJH
    B. KLJ
    C. KJI
    D. JKI

Ans  ✗ 1. C

    ✗ 2. A

    ✗ 3. B

    ✔ 4. D

| | |
|---|---|
| Question ID : **988837386** | |
| Status : **Answered** | |
| Chosen Option : **4** | |

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**Q.35** When the human body temperature falls by about 2–3.5°F below the normal body temperature, the condition is known as

    A. Fever
    B. Hypothermia
    C. Hyperthermia
    D. Hyperpyrexia

Ans  ✗ 1. A

    ✗ 2. D

    ✔ 3. B

    ✗ 4. C

| | |
|---|---|
| Question ID : **988837340** | |
| Status : **Not Attempted** | |
| Chosen Option : **--** | |

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**Q.36** In a certain town, ST Bazaar is the only option for people to buy groceries. A healthy marketplace is characterized by competition and not monopoly. Which conclusion follows the given statements?

    A. ST Bazaar is a family owned business.
    B. ST Bazaar is a super market.
    C. ST Bazaar has a monopoly in the town.
    D. ST Bazaar is liked by most people of the town.

Ans  ✔ 1. C

    ✗ 2. B

    ✗ 3. D

    ✗ 4. A

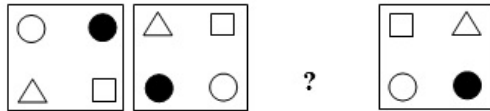| | |
|---|---|
| Question ID : **988837412** | |
| Status : **Not Attempted** | |
| Chosen Option : **--** | |

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**Q.37**

| | |
|---|---|
| Question ID : **988837400** | |
| Status : **Answered** | |
| Chosen Option : **1** | |

Look carefully at the sequence of symbols to find the pattern.



Which of the following will replace the (?) in the sequence?

A. 

B. 

C. 

D. 

**Ans** ✔ 1. C

✘ 2. D

✘ 3. B

✘ 4. A

---

**Q.38** Car B is twice as fast as car A. If car A covers 90 km in 2 hours, what is the speed of car B?

A. 90 kmph
B. 80 kmph
C. 100 kmph
D. 70 kmph

Question ID : 988837362

Status : **Answered**

Chosen Option : **1**

**Ans** ✔ 1. A

✘ 2. B

✘ 3. C

✘ 4. D

---

**Q.39** 2 ½ dozen apples were purchased at a cost of Rs. 300. Each apple was sold at Rs. 15. What is the profit margin in percentage?

A. 30%
B. 50%
C. 40%
D. 25%

Question ID : 988837368

Status : **Answered**

Chosen Option : **2**

**Ans** ✘ 1. D

✔ 2. B

✘ 3. A

✘ 4. C

---

**Q.40** Solve: $(x + 2y)(2x - y)$

A. $2x^2 + 5xy + 2y^2$
B. $2x^2 + 3xy - 2y^2$
C. $x^2 + 4xy + y^2$
D. $x^2 + 4xy - y^2$

Question ID : 988837369

Status : **Answered**

Chosen Option : **1**

**Ans**
✔ 1. B
✘ 2. C
✘ 3. A
✘ 4. D

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**Q.41** Full form of BIOS is

   A. Binary Interchange Operation System
   B. Basic Input Output System
   C. Beginner's Input Operation Symbol
   D. Basic Interface Oriented Service

**Ans**
✔ 1. B
✘ 2. D
✘ 3. C
✘ 4. A

---

**Q.42** Which of the following fractions is the least of all?

   A. 6/5
   B. 4/3
   C. 3/2
   D. 5/4

**Ans**
✘ 1. C
✘ 2. D
✔ 3. A
✘ 4. B

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**Q.43** The standard deviation of the set {10, 11, 9, 11, 9} is

   A. $1/\sqrt{5}$
   B. $2/\sqrt{5}$
   C. $3/\sqrt{5}$
   D. 0

**Ans**
✔ 1. B
✘ 2. C
✘ 3. A
✘ 4. D

---

**Comprehension:**

The bar chart represents marks of four students S1, S2, S3 and S4 in Physics and Chemistry. Consider the bar chart and answer questions based on it.
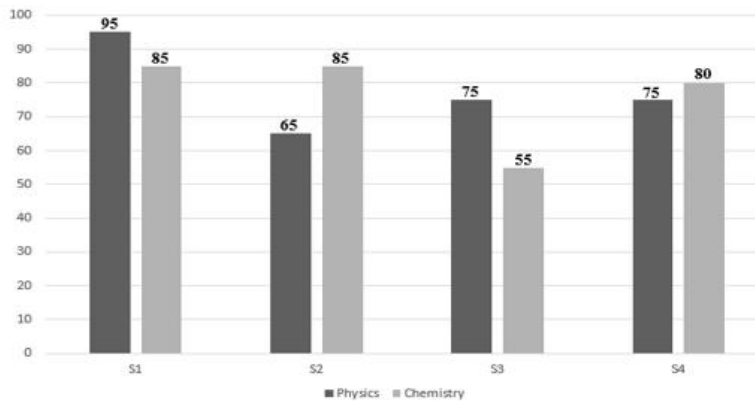


**SubQuestion No : 44**

Q.44 What is the ratio of total marks of all students in Chemistry to that of Physics in percentage?

A. 94%
B. 96%
C. 98%
D. 102%

Question ID : 988837407
Status : **Answered**
Chosen Option : **4**

Ans ✗ 1. A

✗ 2. B

✗ 3. D

✔ 4. C

**Comprehension:**

The bar chart represents marks of four students S1, S2, S3 and S4 in Physics and Chemistry. Consider the bar chart and answer questions based on it.



**SubQuestion No : 45**

Q.45 What is the ratio of marks obtained in Physics of S3 to that of S1?

A. 11/19
B. 15/19
C. 13/19
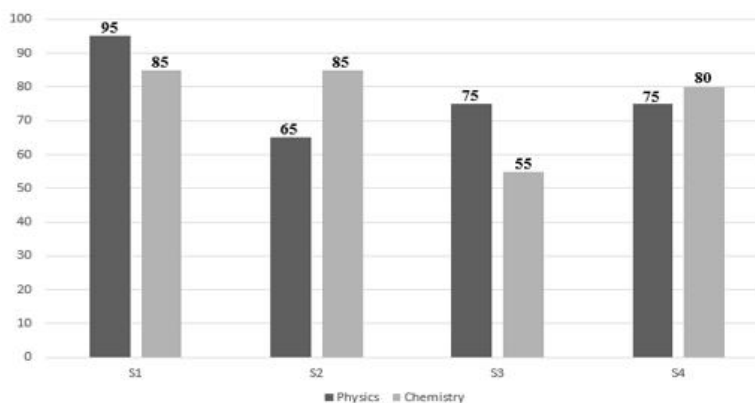D. 17/19

Question ID : 988837409
Status : **Answered**
Chosen Option : **1**
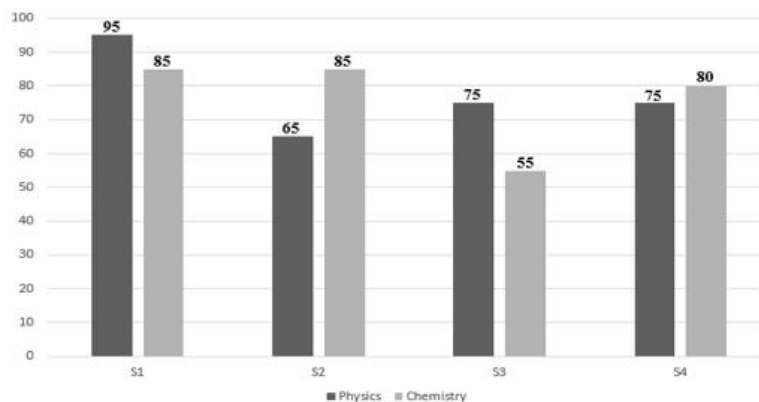
Ans ✔ 1. B

✗ 2. C

✗ 3. D

✗ 4. A

**Comprehension:**

The bar chart represents marks of four students S1, S2, S3 and S4 in Physics and Chemistry. Consider the bar chart and answer questions based on it.



**SubQuestion No : 46**

**Q.46** What is the ratio of total marks in both subjects obtained by S2 to that of S4?

A. 25/31
B. 30/31
C. 36/31
D. 31/25

Question ID : **988837408**

Status : **Answered**

Chosen Option : **2**

**Ans** ✗ 1. C

✔ 2. B

✗ 3. A

✗ 4. D

---

**Q.47** Who was the chief guest on the occasion of 69th Independence Day celebrations in India?

A. President of France
B. President of China
C. Prime Minister of Bhutan
D. President of U.S.A.

Question ID : **988837328**

Status : **Answered**

Chosen Option : **4**

**Ans** ✗ 1. C

✔ 2. D

✗ 3. B

✗ 4. A

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**Q.48** 10 dozen apples, 15 dozen mangoes & 20 dozen oranges are kept for sale. 1/2, 1/3rd & 1/4th of each item respectively have been sold. What is the total number of remaining fruits?

A. 420
B. 380
C. 180
D. 360

Question ID : **988837359**

Status : **Answered**

Chosen Option : **1**

**Ans** ✔ 1. D

✗ 2. B

✗ 3. C

✗ 4. A

---

**Q.49** 9 women can do a work in 50 days. If the number of women is increased by 6, how many days earlier will the work be completed?

A. 30
B. 20
C. 15
D. 25

Question ID : **988837361**

Status : **Answered**

Chosen Option : **2**

**Ans** ✗ 1. C

✔ 2. B

✗ 3. D

✗ 4. A

**Q.50** If the mathematical operator '+' means '÷', '−' means '+','÷' means '×' and '×' means '−', then the value of **17 − 7 ÷ 27 + 3 × 79** is

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

Question ID : 988837385

Status : **Answered**

Chosen Option : **4**

**Ans** ✗ 1. A

✗ 2. B

✗ 3. D

✔ 4. C

**Q.51** Right To Information (RTI) Act came into effect in the year

    A. 2004

    B. 2005

    C. 2006

    D. 2007

Question ID : 988837326

Status : **Not Attempted**

Chosen Option : **--**

**Ans** ✗ 1. C

✗ 2. A

✗ 3. D

✔ 4. B

**Q.52** Expand: $(s + 2)^3$

    A. $s^3 + 3s^2 + 12s + 8$

    B. $s^3 + 3s^2 + 6s + 8$

    C. $s^3 + 6s^2 + 12s + 8$

    D. $s^3 + 6s^2 + 6s + 8$

Question ID : 988837370

Status : **Answered**

Chosen Option : **1**

**Ans** ✔ 1. C

✗ 2. A

✗ 3. D

✗ 4. B

**Q.53** The second largest river in terms of length in India is

    A. Narmada

    B. Yamuna

    C. Brahmaputra

    D. Godavari

Question ID : 988837313

Status : **Answered**

Chosen Option : **2**

**Ans** ✔ 1. D

✗ 2. A

✗ 3. B

✗ 4. C

**Q.54**

Question ID : 988837323

Status : **Not Attempted**

Which of the following is a false statement?

   A. Mangroves sustain biodiversity.
   B. Mangroves provide mangoes.
   C. Mangroves prevent flooding.
   D. Mangroves are destroyed by urbanization.

Chosen Option : --

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

---

**Q.55** 'Cow' has been declared as the personality of the year 2015 by

   A. Microsoft
   B. Google
   C. Yahoo India
   D. Facebook

Question ID : **988837316**

Status : **Not Attempted**

Chosen Option : --

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

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**Q.56** ZIKA virus which causes neurological birth disorders is transmitted by

   A. Rat bites
   B. Mosquito bites
   C. Snake bites
   D. Monkey bites

Question ID : **988837339**

Status : **Not Attempted**

Chosen Option : --

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

---

**Q.57** Statements followed by some conclusions are given below.

**Statements:**
1. Tea is green, Coffee is brown and milk is white.
2. More than half of the town likes tea.
3. People who like white don't like green and some people who like brown don't like white.

**Conclusions:**
I. Green is more popular in the town.
II. There is at least one coffee drinker who does not like tea.

Find which of the given conclusions logically follows from the given statements.

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

Question ID : **988837410**

Status : **Answered**

Chosen Option : **2**

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

---

**Q.58**

Question ID : **988837352**

Status : **Answered**

P + Q = 2(P - Q) If Q=10, what is the value of P?

Chosen Option : **4**

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

**Ans** ✗ 1. B

✗ 2. A

✗ 3. C

✔ 4. D

---

**Q.59** In a certain code, if **LEMON** is coded as **PWOMA** then **SHIRT** is coded as

Question ID : **988837380**

Status : **Answered**

Chosen Option : **4**

    A. ITSJH
    B. GRQHF
    C. HSRIG
    D. TRIHS

**Ans** ✗ 1. D

✗ 2. B

✗ 3. C

✔ 4. A

---

**Q.60** If a person has sold an article for Rs. 1,300 and made a profit of 30%, find the cost price of the article.

Question ID : **988837366**

Status : **Answered**

Chosen Option : **4**

    A. Rs. 1,000
    B. Rs. 1,200
    C. Rs. 1,250
    D. Rs. 1,100

**Ans** ✗ 1. D

✗ 2. C

✗ 3. B

✔ 4. A

---

**Q.61** What is the highest common factor of 360 and 450?

Question ID : **988837356**

Status : **Answered**

Chosen Option : **1**

    A. 90
    B. 45
    C. 10
    D. 9

**Ans** ✔ 1. A

✗ 2. B

✗ 3. D

✗ 4. C

---

**Q.62** The first Indian to win an Olympic medal in badminton was

Question ID : **988837321**

Status : **Answered**

Chosen Option : **3**

    A. Syed Modi
    B. Prakash Padukone
    C. Pullela Gopichand
    D. Saina Nehwal

**Ans** ✗ 1. B

❌ 2. A

✔️ 3. D

❌ 4. C

---

**Q.63** The statement 'That's one small step for man, one giant leap for mankind.' is attributable to

A. Lyndon Johnson
B. Richard Nixon
C. Neil Armstrong
D. John F Kennedy

Question ID : **988837345**

Status : **Answered**

Chosen Option : **2**

**Ans**  ❌ 1. A

✔️ 2. C

❌ 3. B

❌ 4. D

---

**Q.64** What is the name of the spacecraft to be launched in 2019-20 by ISRO to study the sun?

A. Surya
B. Aditya
C. Ravi
D. Bhaskar

Question ID : **988837346**

Status : **Answered**

Chosen Option : **4**

**Ans**  ❌ 1. D

❌ 2. A

❌ 3. C

✔️ 4. B

---

**Q.65** Which of the following is not a greenhouse gas?

A. Ozone
B. Nitrous oxide
C. Water vapor
D. Hydrogen

Question ID : **988837334**

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

Chosen Option : **--**

**Ans**  ❌ 1. A

❌ 2. C

✔️ 3. D

❌ 4. B

---

**Q.66** A prime number

A. Is not a positive integer.
B. Has no divisor at all.
C. Has only 1 and itself as divisors.
D. Has more than two divisors.

Question ID : **988837354**

Status : **Answered**

Chosen Option : **2**

**Ans**  ❌ 1. B

✔️ 2. C

❌ 3. A

❌ 4. D

**Q.67** How many times does the number 5 occur in the range of numbers from 1 to 100?

A. 21
B. 22
C. 20
D. 19

Ans  ✗ 1. B

✓ 2. C

✗ 3. D

✗ 4. A

Question ID : **988837350**

Status : **Answered**

Chosen Option : **2**

---

**Q.68** The UNESCO World Heritage Site, Victoria Memorial Hall is located in which Indian city?

A. Mumbai
B. Chennai
C. Kolkata
D. Delhi

Ans  ✗ 1. A

✗ 2. B

✗ 3. D

✓ 4. C

Question ID : **988837329**

Status : **Answered**

Chosen Option : **4**

---

**Q.69** If P means '÷', Q means '+', R means '−' and S means '×', then the value of

**10 R 192 P 48 S 48 P 96 Q 1** is

A. 10
B. 9
C. 8
D. 7

Ans  ✗ 1. D

✗ 2. C

✓ 3. B

✗ 4. A

Question ID : **988837387**

Status : **Answered**

Chosen Option : **3**

---

**Q.70** Find the value of (?) in the series 3, 4, 6, 8, 12, ? , 18

A. 13
B. 14
C. 15
D. 16

Ans  ✗ 1. A

✗ 2. C

✓ 3. B

✗ 4. D

Question ID : **988837384**

Status : **Not Attempted**

Chosen Option : **--**

---

**Q.71** Find the similarity in the following:

**Vulture, Kite, Bat, Owl**

A. All of them are nocturnal birds.
B. All of them are mammals.
C. All of them can fly.
D. No similarity.

Ans

Question ID : **988837391**

Status : **Answered**

Chosen Option : **2**

✗ 1. B

✔ 2. C

✗ 3. A

✗ 4. D

---

**Q.72** Select the alternative that shows a similar relationship as the given pair -

**Tiger : Cub**

    A. Elephant : Calf
    B. Dog : Cub
    C. Leopard : Kitten
    D. Horse : Fawn

Ans  ✔ 1. A

    ✗ 2. B

    ✗ 3. D

    ✗ 4. C

Question ID : 988837388

Status : **Answered**

Chosen Option : **1**

---

**Q.73** Salman said, "Rahim's son is my son's maternal uncle." How is Rahim related to Salman?

    A. Brother-in-law
    B. Father-in-law
    C. Father
    D. Grandfather

Ans  ✗ 1. A

    ✗ 2. D

    ✔ 3. B

    ✗ 4. C

Question ID : 988837393

Status : **Answered**

Chosen Option : **3**

---

**Q.74** In a certain language, if **PLATE** is written as **CYNGR**, then **SHOCK** will be written as

    A. HSLXP
    B. FUBPX
    C. HUYPX
    D. FSBXP

Ans  ✔ 1. B

    ✗ 2. D

    ✗ 3. A

    ✗ 4. C

Question ID : 988837382

Status : **Answered**

Chosen Option : **1**

---

**Q.75** Vikram and Vivek can finish a work in 50 days. They worked together for 20 days and then left. How much work has been done by them?

    A. 3/5
    B. 1/3
    C. 1/2
    D. 2/5

Ans  ✗ 1. B

    ✗ 2. A

    ✔ 3. D

    ✗ 4. C

Question ID : 988837360

Status : **Answered**

Chosen Option : **3**

---

**Q.76** With which country, does India share the longest border?

    A. Pakistan

    B. Bangladesh

    C. China

    D. Nepal

Question ID : 988837314

Status : **Marked For Review**

Chosen Option : **2**

**Ans**
   ✔ 1. B

   ✘ 2. D

   ✘ 3. C

   ✘ 4. A

---

**Q.77** The ratio of speeds of X and Y is 5:7. Y covers a distance of 420 km in 3 hours. What is the speed of X?

    A. 80 kmph
    B. 90 kmph
    C. 100 kmph
    D. 120 kmph

| Question ID : **988837363** |
|---|
| Status : **Answered** |
| Chosen Option : **1** |

**Ans**
   ✔ 1. C

   ✘ 2. B

   ✘ 3. A

   ✘ 4. D

---

**Q.78** World No-Tobacco Day falls on

    A. 1st May

    B. 31st May

    C. 1st June

    D. 30th June

| Question ID : **988837312** |
|---|
| Status : **Marked For Review** |
| Chosen Option : **4** |

**Ans**
   ✘ 1. D

   ✘ 2. C

   ✘ 3. A

   ✔ 4. B

---

**Q.79** The value of $(\sec^2\theta + 2\tan\theta\cot\theta - \tan^2\theta)$ is

    A. 0

    B. 1

    C. 2

    D. 3

| Question ID : **988837375** |
|---|
| Status : **Not Attempted** |
| Chosen Option : **--** |

**Ans**
   ✔ 1. D

   ✘ 2. C

   ✘ 3. A

   ✘ 4. B

---

**Q.80** In which year, was the Noble Peace Prize jointly given to Kailash Satyarthi and Malala Yousafzai?

    A. 2012
    B. 2013
    C. 2014
    D. 2015

| Question ID : **988837327** |
|---|
| Status : **Answered** |
| Chosen Option : **3** |

**Ans**
   ✘ 1. B

   ✘ 2. A

   ✘ 3. D

   ✔ 4. C

---

**Q.81**

| Question ID : **988837392** |
|---|
| Status : **Answered** |

Karan's number in the queue is twelfth from the counter. There are five people between Karan and Sunil. What is Sunil's number in the queue?

A. 19
B. 18
C. 20
D. 17

Chosen Option : **1**

Ans ✔ 1. B

✘ 2. D

✘ 3. A

✘ 4. C

---

**Q.82** If $4x + 5y = 14$ and $x - 5y = 16$ then the value of x and y are

A. 10 and −6/5
B. 6 and 2
C. 10 and 6/5
D. 6 and −2

Question ID : **988837371**

Status : **Answered**

Chosen Option : **1**

Ans ✔ 1. D

✘ 2. A

✘ 3. C

✘ 4. B

---

**Q.83** The World Heritage Site Bhimbetka in MP is famous for

A. Forests
B. Mountain ranges
C. Rock shelters
D. Waterfalls

Question ID : **988837330**

Status : **Answered**

Chosen Option : **3**

Ans ✘ 1. D

✘ 2. B

✔ 3. C

✘ 4. A

---

**Q.84** Who was the first woman president of Indian National Congress in pre-Independent India?

A. Vijayalakshmi Pandit
B. Sarojini Naidu
C. Annie Besant
D. Madam Cama

Question ID : **988837318**

Status : **Answered**

Chosen Option : **2**

Ans ✘ 1. B

✔ 2. C

✘ 3. D

✘ 4. A

---

**Q.85** Find the range of the data: 11, 13, 9, 17, 13, 19, 10, 11

A. 9
B. 10
C. 11
D. 13

Question ID : **988837379**

Status : **Not Attempted**

Chosen Option : **--**

Ans ✘ 1. D

✔ 2. B

✘ 3. C

✗ 4. A

---

**Q.86** If L:M = 3:5 and M:N = 2:3, then N:L = ?

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

| Question ID : **988837358** |
| Status : **Answered** |
| Chosen Option : **1** |

**Ans** ✔ 1. B

✗ 2. A

✗ 3. D

✗ 4. C

---

**Q.87** In a certain code, 592 means 'grapes are sweet', 374 means 'I like oranges' and 267 means 'oranges are sour'. Which digit represents sour?

   A. 9
   B. 5
   C. 6
   D. Cannot be determined

| Question ID : **988837383** |
| Status : **Answered** |
| Chosen Option : **2** |

**Ans** ✗ 1. B

✔ 2. C

✗ 3. A

✗ 4. D

---

**Q.88** Which of the following agents is good for purifying drinking water?

   A. Catalytic agent
   B. Reducing agent
   C. Sterilizing agent
   D. Oxidizing agent

| Question ID : **988837349** |
| Status : **Answered** |
| Chosen Option : **1** |

**Ans** ✔ 1. D

✗ 2. C

✗ 3. A

✗ 4. B

---

**Q.89** Which of the following is generally not the cause of cancer?

   A. Environmental factors
   B. Genetic mutation
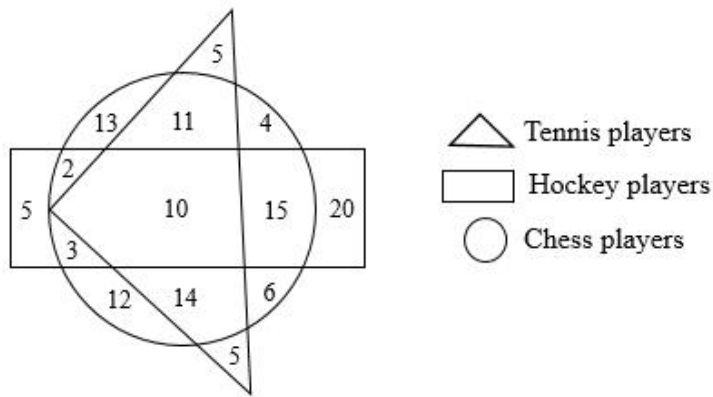   C. Genetic modification
   D. Transmission

| Question ID : **988837335** |
| Status : **Answered** |
| Chosen Option : **2** |

**Ans** ✗ 1. C

✔ 2. D

✗ 3. A

✗ 4. B

---

**Comprehension:**

Study the following diagram and answer questions based on it.



△ Tennis players
▭ Hockey players
◯ Chess players

**SubQuestion No : 90**

Q.9
0

The number of non-chess players is how much more than the players who play both chess and tennis.

A. 5
B. 10
C. It is the same
D. Cannot be determined

Question ID : **988837405**

Status : **Answered**

Chosen Option : **4**

Ans   ✗ 1. B

      ✗ 2. D

      ✗ 3. A

      ✔ 4. C

**Comprehension:**

Study the following diagram and answer questions based on it.



△ Tennis players
▭ Hockey players
◯ Chess players
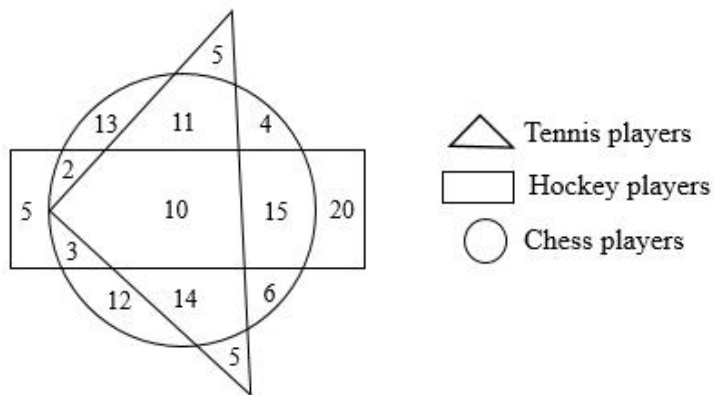
**SubQuestion No : 91**

Q.9
1

The number of tennis players who are not hockey players is

A. 10
B. 50
C. 55
D. 35

Question ID : **988837404**

Status : **Answered**

Chosen Option : **1**

Ans   ✔ 1. D

      ✗ 2. A

      ✗ 3. C

      ✗ 4. B

**Comprehension:**

Study the following diagram and answer questions based on it.



△ Tennis players

▭ Hockey players
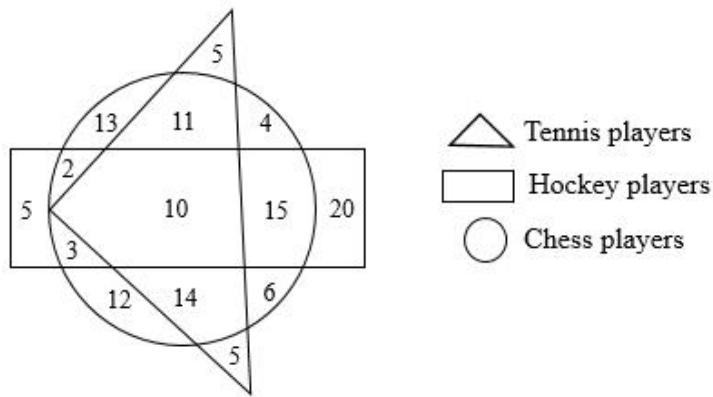
◯ Chess players

**SubQuestion No : 92**

Q.92 The ratio of hockey players to chess players is

A. 9/18
B. 10/18
C. 11/18
D. 15/18

Question ID : 988837403

Status : **Answered**

Chosen Option : **2**

Ans ✗ 1. B

✔ 2. C

✗ 3. A

✗ 4. D

**Q.93**
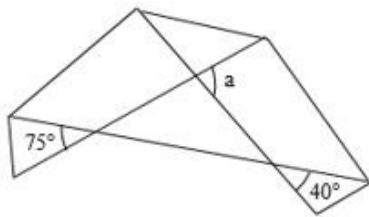


What is the value of a?

A. 65°
B. 75°
C. 105°
D. 115°

Question ID : 988837374

Status : **Answered**

Chosen Option : **2**

Ans ✔ 1. D

✗ 2. A

✗ 3. B

✗ 4. C

**Q.94** Indo-Pakistan Kargil war was code named as

A. Operation Blue Star
B. Operation Vijay
C. Operation Viraat
D. Operation Kargil

Question ID : 988837315

Status : **Marked For Review**

Chosen Option : **1**

**Ans**  ✔ 1. B

      ✘ 2. A

      ✘ 3. C

      ✘ 4. D

---

**Q.95** An assertion (A) and a reason (R) are given below.

**Assertion (A)**: Plants convert light energy into chemical energy during the process of photosynthesis.
**Reason (R)**: Sugar produced from photosynthesis by plants is used by human beings as a source of energy.

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, but R is not the correct explanation of A
C. A is true, but R is false
D. A is false, but R is true

Question ID : **988837411**

Status : **Not Attempted**

Chosen Option : **--**

**Ans**  ✘ 1. C

      ✘ 2. D

      ✘ 3. A

      ✔ 4. B

---

**Q.96** Statements followed by some conclusions are given below.

**Statements:**

1. A bag has 2 white, 3 black, 4 red and 6 green balls.
2. 2 balls are selected at random from the bag.

**Conclusions:**

I.   The probability that a black ball is selected is 1/5.
II.  The probability that a red ball is selected is 6/15

Find which of the conclusions logically follows from the given statements.

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

Question ID : **988837401**

Status : **Not Attempted**

Chosen Option : **--**

**Ans**  ✘ 1. D

      ✔ 2. A

      ✘ 3. C

      ✘ 4. B

---

**Q.97** Debugging is the process of

A. Rolling out a software program.
B. Modifying a software program.
C. Checking errors in a software program.
D. Changing the design structure of a program.

Question ID : **988837343**

Status : **Answered**

Chosen Option : **4**

**Ans**  ✘ 1. D

      ✘ 2. A

      ✘ 3. B

      ✔ 4. C

---

**Q.98** You have 20 big and 16 small diaries and want to make gift packs containing both in each pack. What is the maximum number of gift packs you can make without any left over?

A. 5
B. 4
C. 3
D. 2

Question ID : **988837357**

Status : **Answered**

Chosen Option : **2**

**Ans**  ✘ 1. C

✗ 2. A

✔ 3. B

✗ 4. D

---

**Q.99** The GST Bill introduced in parliament in 2015 is

Question ID : **988837325**

Status : **Not Attempted**

Chosen Option : **--**

    A. A financial bill.
    B. Not a money bill.
    C. A constitutional amendment bill.
    D. An ordinary bill.

**Ans** ✗ 1. B

✗ 2. D

✗ 3. A

✔ 4. C

---

**Q.100** The value of tan(- 405°) is

Question ID : **988837376**

Status : **Answered**

Chosen Option : **3**

    A. 1
    B. -1
    C. ∞
    D. 0

**Ans** ✗ 1. D

✗ 2. C

✗ 3. A

✔ 4. B