



# RAILWAY RECRUITMENT BOARDS

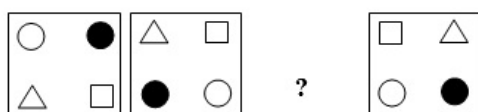
## रेलवे भर्ती बोर्ड

### RRB NTPC 29th March 2016 Shift 3

Roll No:	
Participants Name:	
Test Center Name:	
Test Date:	29/03/2016
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 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 ~~X~~ 1. B  
~~X~~ 2. D  
 3. C  
~~X~~ 4. A

Question ID : 988837400

Status : Not Attempted and Mark ed For Review

Chosen Option : --

Q.2 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

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

Question ID : 988837383

Status : Answered

Chosen Option : 3

Q.3



Question ID : 988837348

Status : Not Attempted

Which of the following statements is true with respect to Glucometer?




Chosen Option : --

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

Q.4 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

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

Question ID : 988837362

Status : Answered

Chosen Option : 1

Q.5 निम्नलिखित में से कौन सी एक गैस रंगहीन एवं गंधहीन नहीं है?

- A. नाइट्रोजन (Nitrogen)
- B. क्लोरीन (Chlorine)
- C. हाइड्रोजन (Hydrogen)
- D. ऑक्सीजन (Oxygen)

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



Question ID : 988837333

Status : Answered

Chosen Option : 2

Q.6 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

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




Question ID : 988837363

Status : Answered

Chosen Option : 1

Q.7 Cricket World Cup 2015 was hosted by

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

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

Question ID : 988837320

Status : Answered

Chosen Option : 3

Q.8





Question ID : 988837330

Status : Answered

The World Heritage Site Bhimbetka in MP is famous for

Chosen Option : 4

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

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




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

Question ID : 988837378

Status : Not Attempted

Chosen Option : --

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

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





Q.10 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

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



Question ID : 988837411

Status : Answered

Chosen Option : 2

Q.11 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. A  
 3. C  
 4. D





Question ID : 988837350

Status : Answered

Chosen Option : 4

Q.12 A body in motion essentially acquires

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

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

Question ID : 988837331

Status : Answered

Chosen Option : 3

Q.13 In a certain code, if LEMON is coded as PWOMA then SHIRT is coded as

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

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

Question ID : 988837380

Status : Answered

Chosen Option : 2

Q.14 यदि ढाई किलो सब्जी का मूल्य 120 रुपये है तो आधा किलो सब्जी का मूल्य कितना होगा?

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

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

Question ID : 988837351

Status : Answered

Chosen Option : 3

Q.15 Select the alternative that shows a similar relationship as the given pair -

**Yarn : Fabric**

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

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

Question ID : 988837389

Status : Answered

Chosen Option : 2

Q.16 In which year, was the Noble Peace Prize jointly given to Kailash Satyarthi and Malala Yousafzai?

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

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

Question ID : 988837327

Status : Answered

Chosen Option : 3

Q.17 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

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

Question ID : 988837346

Status : Not Attempted

Chosen Option : --

Q.18 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

Ans  1. C

Question ID : 988837318

Status : Answered

Chosen Option : 4

~~X~~ 2. A~~X~~ 3. D~~X~~ 4. B

Q.19 Right To Information (RTI) Act came into effect in the year

A. 2004

B. 2005

C. 2006

D. 2007

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

Question ID : 988837326

Status : Answered

Chosen Option : 2

Q.20 The sum of three consecutive even numbers is 42. Find the middle number.

A. 12

B. 18

C. 16

D. 14

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

Question ID : 988837355

Status : Answered

Chosen Option : 3

Q.21 Solve:  $(x + 2y)(2x - y)$ A.  $2x^2 + 5xy + 2y^2$ B.  $2x^2 + 3xy - 2y^2$ C.  $x^2 + 4xy + y^2$ D.  $x^2 + 4xy - y^2$ Ans ~~X~~ 1. A~~X~~ 2. D~~X~~ 3. C 4. B

Question ID : 988837369

Status : Answered

Chosen Option : 4

Q.22 इन आंकड़ों 1, 9, 5, 4, 2, 1, 9, 9, 2, 1, 9, 1, 2, 1 का मध्य (mean) था बहुलक (mode) क्या है?

A. 4 तथा 9

B. 5 तथा 1

C. 4 तथा 1

D. 5 तथा 9

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

Question ID : 988837377

Status : Answered

Chosen Option : 1

Q.23 शब्दों के चार जोड़े दिए गए हैं. तीन जोड़े संबंधित हैं और एक कुछ मुद्दे पर भिन्न है. भिन्न जोड़ा पहचानें.

A. Hydrogen : Sulphuric Acid

B. Chlorine : Salt

C. Oxygen : Water

D. Nitrogen : Hydrochloric Acid

Ans ~~X~~ 1. C~~X~~ 2. B 3. D

Question ID : 988837390

Status : Not Attempted

Chosen Option : --

X 4.A

Q.24 ऑस्टियोपोरोसिस किस रोग से संबंधित है-

- A. हड्डी  
B. दिल  
C. गुर्दा  
D. फेफड़े

Question ID : 988837341

Status : Answered

Chosen Option : 4

Ans X 1.D

X 2.B

X 3.C

✓ 4.A

Q.25 Who among the following is not a Bharat Ratna recipient?

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

Question ID : 988837317

Status : Answered

Chosen Option : 4

Ans ✓ 1.B

X 2.D

X 3.C

X 4.A

Q.26 The UNESCO World Heritage Site, Victoria Memorial Hall is located in which Indian city?

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

Question ID : 988837329

Status : Not Attempted

Chosen Option : --

Ans X 1.A

✓ 2.C

X 3.B

X 4.D

Q.27 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 X 1.A

X 2.C

X 3.B

✓ 4.D

Q.28 'बिस्मार्क ऑफ़ इंडिया' 'Bismarck of India' किसे कहा जाता है?

- A. जवाहर लाल नेहरू  
B. वल्लभभाई पटेल  
C. सरोजिनी नायडू  
D. लोकमान्य तिलक

Question ID : 988837319

Status : Not Attempted

Chosen Option : --


Ans X 1.A



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आज इस गलाकाट प्रतिस्पर्धा के दौर में, हर जगह, हर क्षेत्र में मारामारी है। बात अगर सरकारी नौकरी की हो तो प्रतिस्पर्धा और भी कड़ी हो जाती है। जैसा की आप सभी जानते हैं RRBPORTAL विगत वर्षों से आप सबों को अंग्रेजी माध्यम में एक समग्र पाठ्यक्रम एवं मार्गदर्शन उपलब्ध करा रहा है। हमारे अध्ययन सामग्री की सफलता की दर करीब 70% है। विगत कुछ वर्षों की सरकारी विज्ञप्तियों (VACANCIES) पर नजर डालें तो आप देखेंगे की सर्वाधिक संख्या Railway के विज्ञप्तियों की है, और उसी अनुपात में भीड़ भी।

मित्रों इस परीक्षा में अंग्रेजी एवं हिंदी माध्यम के छात्र लगभग समान संख्या में सम्मिलित होते हैं, लेकिन हिंदी माध्यम से तैयारी करने वाले छात्रों के साथ सबसे बड़ी समस्या विश्वसनीय अध्ययन सामग्री एवं सही मार्गदर्शन की है।

आपकी इन्हीं समस्याओं और मांग को विचार में रखकर हमने नववर्ष में आपको हिंदी माध्यम में रेलवे भर्ती बोर्ड (आरआरबी), अध्ययन सामग्री उपलब्ध कराने का निर्णय लिया है। मित्रों हमने इस बात का पूरा ध्यान रखा है की आपको पाठ्यक्रम के अनुसार सारी चीजें एक जगह मिलें। हमने व्यवस्थित तरीके से लगभग 800पृष्ठों में इस अध्ययन सामग्री को परीक्षोपयोगी बनाया है।

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✗ 2. D

✓ 3. B

✗ 4. C

Q.29 9 औरते एक कार्य को 50 दिनों में पूरा कर सकती हैं, यदि 6 औरते और बढा दी जाएँ तो यह कार्य कितने दिन पहले पूरा हो जायेगा?

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

Ans ✗ 1. C

✓ 2. B

✗ 3. D

✗ 4. A

Question ID : 988837361

Status : Answered

Chosen Option : 2

Q.30 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  $-2$

Ans ✗ 1. B

✓ 2. D

✗ 3. C

✗ 4. A

Question ID : 988837371

Status : Answered

Chosen Option : 2

Q.31 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

Ans ✗ 1. D

✗ 2. A

✓ 3. B

✗ 4. C

Question ID : 988837357

Status : Not Attempted

Chosen Option : --

Q.32 मंगल आर्बिटर मिशन (MOM), मंगलयान को किस वर्ष में प्रक्षेपित किया गया था?

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

Ans ✗ 1. D

✗ 2. A

✗ 3. C

✓ 4. B

Question ID : 988837347

Status : Answered

Chosen Option : 1

Q.33 निम्नलिखित में से कौन सा कथन असत्य है?

- A. मैन्ग्रोव जैव विविधता को बनाए रखते हैं।  
B. मैन्ग्रोव आम प्रदान करते हैं।  
C. मैन्ग्रोव बाढ़ को रोकते हैं।  
D. शहरीकरण के कारण मैन्ग्रोव नष्ट हो रहे हैं।

Ans ✓ 1. B

✗ 2. A

✗ 3. D

Question ID : 988837323

Status : Answered

Chosen Option : 1



✗ 4. C

Q.34 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. B

✗ 2. C

✗ 3. D

✗ 4. A

Question ID : 988837387

Status : Answered

Chosen Option : 1

Q.35 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

Ans ✗ 1. C

✗ 2. D

✓ 3. B

✗ 4. A

Question ID : 988837358

Status : Not Attempted

Chosen Option : --

Q.36 10 दर्जन सेब, 15 दर्जन आम, 20 दर्जन संतरे बेचने के लिए रखे गये। यदि प्रत्येक में से क्रमशः 1/2, 1/3 तथा 1/4 फल बिक गए, तो कुल कितने फल बाकी रह गए हैं?

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

Ans ✗ 1. B

✗ 2. A

✗ 3. C

✓ 4. D

Question ID : 988837359

Status : Answered

Chosen Option : 4

Q.37 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. C

✗ 2. A

✗ 3. D

✓ 4. B

Question ID : 988837340

Status : Answered

Chosen Option : 4

Q.38 निम्नलिखित में समानता मालूम करें :

गिद्ध, पतंग, चमगादड़, उल्लू

- A. ये सभी रात्रि में उड़नेवाले पक्षी हैं।  
B. ये सभी स्तनधारी हैं।  
C. ये सभी उड़ सकते हैं।  
D. कोई समानता नहीं है।

Ans ✗ 1. B

✓ 2. C

Question ID : 988837391

Status : Answered

Chosen Option : 2

✗ 3.A

✗ 4.D

Q.39 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

Question ID : 988837342

Status : Answered

Chosen Option : 1

Ans ✓ 1.B

✗ 2.C

✗ 3.D

✗ 4.A

Q.40 सामान्यतः निम्नलिखित में से कौन सा कैंसर का कारण नहीं है?

- A. पर्यावरणीय कारक
- B. अनुवांशिक उत्परिवर्तन
- C. अनुवांशिक संशोधन
- D. ट्रांसमिशन

Question ID : 988837335

Status : Answered

Chosen Option : 2

Ans ✓ 1.D

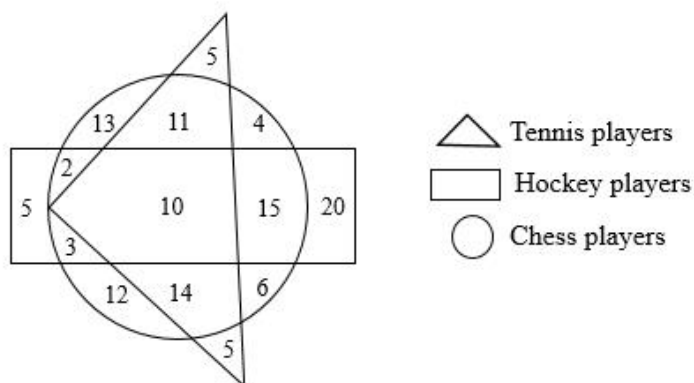
✗ 2.A

✗ 3.C

✗ 4.B

Comprehension:

Study the following diagram and answer questions based on it.



SubQuestion No : 41

Q.4 The number of non-chess players is how much more than the players who play both chess and tennis.

- 1
- A. 5
  - B. 10
  - C. It is the same
  - D. Cannot be determined

Question ID : 988837405

Status : Answered

Chosen Option : 2

Ans ✗ 1.A

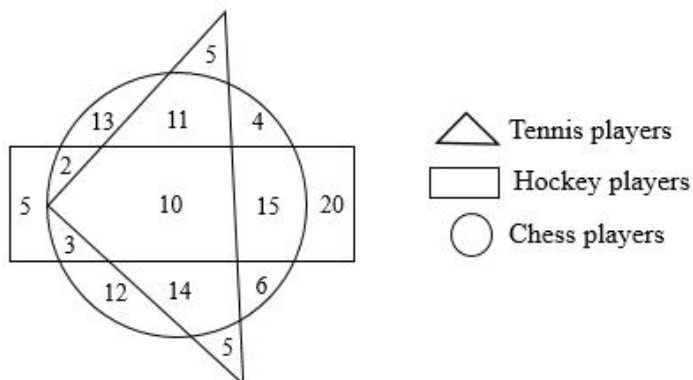
✗ 2.B

✓ 3.C

✗ 4.D

Comprehension:

Study the following diagram and answer questions based on it.



SubQuestion No : 42

Q.4 <sup>2</sup> The number of tennis players who are not hockey players is

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

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

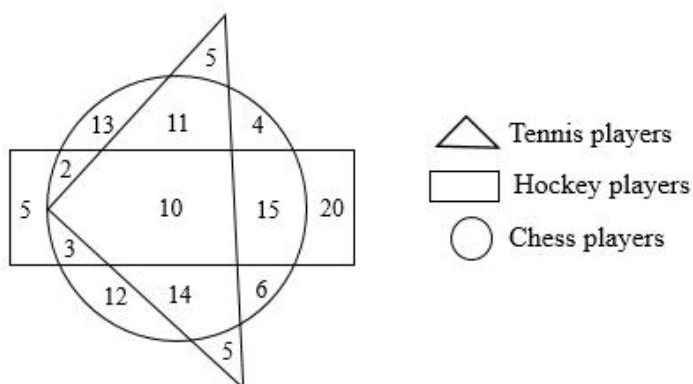
Question ID : 988837404

Status : Answered

Chosen Option : 4

Comprehension:

Study the following diagram and answer questions based on it.



SubQuestion No : 43

Q.4 <sup>3</sup> The ratio of hockey players to chess players is

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

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

Question ID : 988837403

Status : Answered

Chosen Option : 4

Q.44

Question ID : 988837386

Status : Answered

Chosen Option : 1

Find the missing (?) in the series

BCA, FGE, ?, NOM, RSQ, VWU

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

Ans  1. D

2. C

3. B

4. A

Q.45 If the mathematical operator '+' means '\*', '-' means '+', '\*' means '+' and 'x' means '-', then the value of  $17 - 7 + 27 + 3 \times 79$  is

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

Ans  1. B

2. D

3. A

4. C

Question ID : 988837385

Status : Answered

Chosen Option : 4

Q.46 The value of  $\tan(-405^\circ)$  is

- A. 1
- B. -1
- C.  $\infty$
- D. 0

Ans  1. D

2. B

3. A

4. C

Question ID : 988837376

Status : Answered

Chosen Option : 2

Q.47 निम्नलिखित में से कौन सी एक गैस ग्रीनहाउस नहीं है?

- A. ओजोन (Ozone)
- B. नाइट्रस ऑक्साइड (Nitrous oxide)
- C. जलवाष्प (Water vapor)
- D. हाइड्रोजन (Hydrogen)

Ans  1. B

2. C

3. D

4. A

Question ID : 988837334

Status : Answered

Chosen Option : 2

Q.48 भारत-पाकिस्तान कारगिल Kargil युद्ध का कोड नाम ----- था।

- A. ऑपरेशन ब्लू स्टार Operation Blue Star
- B. ऑपरेशन विजय Operation Vijay
- C. ऑपरेशन विराट Operation Viraat
- D. ऑपरेशन कारगिल Operation Kargil

Ans  1. B

Question ID : 988837315

Status : Answered

Chosen Option : 2

2. D

3. C

4. A

Q.49 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. C

3. A

4. D

Question ID : 988837382

Status : Answered

Chosen Option : 1

Q.50 Which of the following does computing in a personal computer?

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

Ans  1. B

2. A

3. D

4. C

Question ID : 988837344

Status : Answered

Chosen Option : 2

Q.51 What is the highest common factor of 360 and 450?

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

Ans  1. B

2. D

3. A

4. C

Question ID : 988837356

Status : Answered

Chosen Option : 3

Q.52 सलमान ने कहा, "रहीम का पुत्र मेरे पुत्र का मामा है." रहीम का सलमान से क्या रिश्ता है?

- A. साला
- B. ससुर
- C. पिता
- D. दादा

Ans  1. A

2. D

3. B

4. C

Question ID : 988837393

Status : Answered

Chosen Option : 3

Q.53

Question ID : 988837410

Status : Not Attempted

Chosen Option : --

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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.

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

**Q.54** The Rupee sign '₹' was adopted by Government of India in the year

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

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

Question ID : 988837311

Status : Answered

Chosen Option : 4

**Q.55** The second largest river in terms of length in India is

- A. Narmada
- B. Yamuna
- C. Brahmaputra
- D. Godavari

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

Question ID : 988837313

Status : Answered

Chosen Option : 2

**Q.56** 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

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

Question ID : 988837365

Status : Not Attempted

Chosen Option : --

**Q.57** 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.

- Ans
- 1. B
  - 2. D

Question ID : 988837354

Status : Answered

Chosen Option : 4

✗ 3. A

✓ 4. C

Q.58 Russian Sukhoi 24 (SU-24) flight was shot down in November 2015 by

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

Ans ✗ 1. A

✓ 2. D

✗ 3. C

✗ 4. B

Question ID : 988837310

Status : Answered

Chosen Option : 1

Q.59 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%

Ans ✗ 1. A

✓ 2. D

✗ 3. C

✗ 4. B

Question ID : 988837364

Status : Answered

Chosen Option : 2

Q.60 The first Indian to win an Olympic medal in badminton was

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

Ans ✗ 1. B

✓ 2. D

✗ 3. A

✗ 4. C

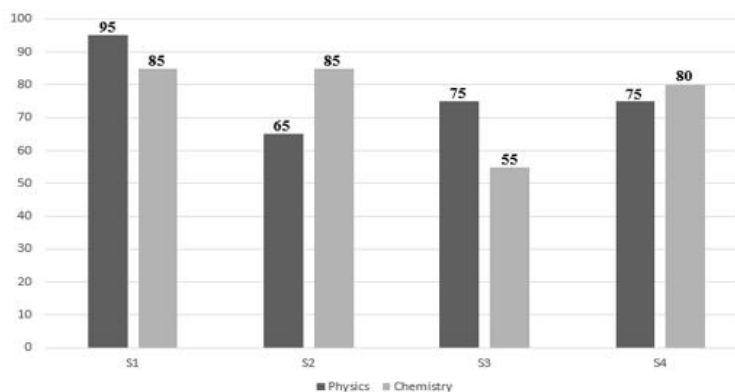
Question ID : 988837321

Status : Answered

Chosen Option : 1

**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 : 61

Q.6 What is the ratio of total marks of all students in Chemistry to that of Physics in percentage?

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

Ans ✗ 1. A

✗ 2. D

Question ID : 988837407

Status : Answered

Chosen Option : 3

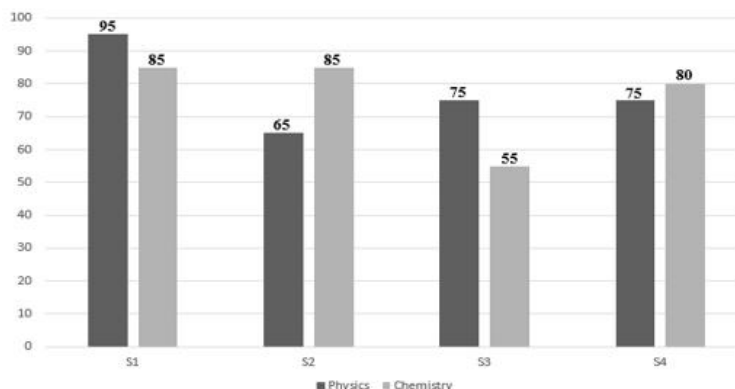


✓ 3. C

✗ 4. B

**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 : 62**

Q.6 What is the ratio of total marks in both subjects obtained by S2 to that of S4?

2

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

Question ID : 988837408

Status : Answered

Chosen Option : 2

Ans ✗ 1. A

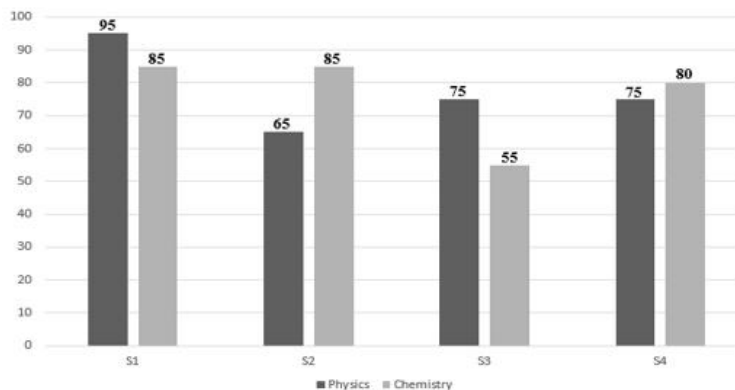
✓ 2. B

✗ 3. C

✗ 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 : 63**

Q.6 What is the ratio of marks obtained in Physics of S3 to that of S1?

3

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

Question ID : 988837409

Status : Answered

Chosen Option : 3

Ans ✗ 1. D

✗ 2. C

✓ 3. B

✗ 4. A

Q.64  $P + Q = 2(P - Q)$  If  $Q=10$ , what is the value of  $P$ ?

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

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

Question ID : 988837352

Status : Answered

Chosen Option : 1

Q.65 उस विकल्प का चयन करें जो दिए गए जोड़े जैसे संबंध दर्शाता हो-  
बाघ: शावक

- A. हाथी: बछड़ा
- B. कुत्ता: शावक
- C. तेंदुआ: बिल्ली का बच्चा
- D. घोड़ा: हिरन का बच्चा

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

Question ID : 988837388

Status : Answered

Chosen Option : 3

Q.66 What is the area of the square, if the length of its diagonal is  $13\sqrt{2}$  units?

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

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

Question ID : 988837372

Status : Answered

Chosen Option : 2

Q.67 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. C  
 2. D  
 3. A  
 4. B

Question ID : 988837332

Status : Answered

Chosen Option : 2

Q.68 2% दर्जन सेबों का क्रय मूल्य रुपये 300 है, प्रत्येक सेब को रुपये 15 में बेचा गया। तो लाभ प्रतिशत कितना है?

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

Ans  1. B  
 2. A  
 3. C

Question ID : 988837368

Status : Answered

Chosen Option : 1

X 4. D

Q.69 'Akash' developed by DRDO is

- 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.

Question ID : 988837337

Status : Not Attempted

Chosen Option : --

Ans ✓ 1. A

X 2. B

X 3. D

X 4. C

Q.70 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.

Question ID : 988837412

Status : Answered

Chosen Option : 3

Ans X 1. A

X 2. B

✓ 3. C

X 4. D

Q.71 Which of the following fractions is the least of all?

- A.  $\frac{6}{5}$   
 B.  $\frac{4}{3}$   
 C.  $\frac{3}{2}$   
 D.  $\frac{5}{4}$

Question ID : 988837353

Status : Answered

Chosen Option : 4

Ans X 1. D

X 2. C

X 3. B

✓ 4. A

Q.72 निम्नलिखित गड़बड़ शब्दों को पुनः इस प्रकार जमाएँ कि उससे एक सार्थक वाक्य बन जाए:

- 5: and  
 6: Gopu  
 7: a famous mathematician  
 8: is also  
 9: is a great writer

उचित क्रमानुसार होना चाहिए:

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

Question ID : 988837399

Status : Answered

Chosen Option : 4

Ans X 1. D

X 2. A

X 3. B

✓ 4. C

Q.73

Question ID : 988837394

Status : Answered

Chosen Option : 4

निम्नलिखित अनुक्रम में कितने 7 हैं, जिनके तुरंत बाद 9 है, और जिनके तुरंत पहले 5 नहीं है?

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

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

Q.74 'Cow' has been declared as the personality of the year 2015 by

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

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

Question ID : 988837316

Status : Answered

Chosen Option : 4

Q.75 ZIKA virus which causes neurological birth disorders is transmitted by

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

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

Question ID : 988837339

Status : Answered

Chosen Option : 2

Q.76 If a person has sold an article for Rs. 1,300 and made a profit of 30%, find the cost price of the article.

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

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

Question ID : 988837366

Status : Answered

Chosen Option : 1

Q.77 यह कथन कि 'मानव के लिए यह छोटा सा कदम, मानवता के लिए एक बड़ी छलांग है।' 'That's one small step for man, one giant leap for mankind.' किसके द्वारा कहा गया है।

- A. लिंडन जॉनसन (Lyndon Johnson)
- B. रिचर्ड निक्सन (Richard Nixon)
- C. नील आर्मस्ट्रॉंग (Neil Armstrong)
- D. जॉन एफ कैनेडी (John F Kennedy)

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

Question ID : 988837345

Status : Answered

Chosen Option : 1

Q.78

Question ID : 988837381

Status : Answered

Chosen Option : 1



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If PERK = 5638 and BLACKEN = 4917862 then 7317896 is

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

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

Q.79 The GST Bill introduced in parliament in 2015 is

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

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

Question ID : 988837325

Status : Answered

Chosen Option : 2

Q.80 निम्नलिखित एजेंटों में से कौन सा पेयजल की शुद्धिकरण (शोधन) के लिए अच्छा है?

- A. उत्प्रेरक (कैटैलिटिक) एजेंट (Catalytic agent)
- B. अपचायक (रिड्यूसिंग) एजेंट (Reducing agent)
- C. स्टरलाइजिंग एजेंट (Sterilizing agent)
- D. ऑक्सीडाइजिंग एजेंट (Oxidizing agent)

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

Question ID : 988837349

Status : Answered

Chosen Option : 3

Q.81 World Environment Day is celebrated on

- A. 5<sup>th</sup> April
- B. 15<sup>th</sup> May
- C. 5<sup>th</sup> June
- D. 15<sup>th</sup> July

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

Question ID : 988837324

Status : Answered

Chosen Option : 3

Comprehension:

निम्नलिखित सूचनाओं पर विचार करें और उन पर आधारित सवालों के जवाब दें.

सात छात्र S, Y, O, R, H, T व I एक कतार में अव्यवस्थित क्रम में खड़े हैं.

1. T के बाएँ से दूसरे और Y से बाएँ से पाँचवें पर I खड़ा है.
2. S के दाएँ से तीसरे पर R है तथा R के तुरंत बाएँ O है.
3. दाएँ सिरे पर Y है.

SubQuestion No : 82

Q.8 कतार के बीच में जो व्यक्ति खड़ा है, उसके तुरंत बाद दाईं ओर कौन खड़ा है?  
2

- A. S
- B. R
- C. I
- D. O

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

Question ID : 988837397

Status : Answered

Chosen Option : 3

Comprehension:

निम्नलिखित सूचनाओं पर विचार करें और उन पर आधारित सवालों के जवाब दें.

सात छात्र S, Y, O, R, H, T व I एक कतार में अव्यवस्थित क्रम में खड़े हैं.

1. T के बाएँ से दूसरे और Y से बाएँ से पाँचवें पर I खड़ा है.
2. S के दाएँ से तीसरे पर R है तथा R के तुरंत बाएँ O है.
3. दाएँ सिरे पर Y है.

SubQuestion No : 83

Q.8 अधिकतम एक व्यक्ति \_\_\_\_\_ के बीच खड़ा है  
3

- A. H और R
- B. T और Y
- C. O और S
- D. I और H

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

Question ID : 988837398

Status : Answered

Chosen Option : 2

Comprehension:

निम्नलिखित सूचनाओं पर विचार करें और उन पर आधारित सवालों के जवाब दें.

सात छात्र S, Y, O, R, H, T व I एक कतार में अव्यवस्थित क्रम में खड़े हैं.

1. T के बाएँ से दूसरे और Y से बाएँ से पाँचवें पर I खड़ा है.
2. S के दाएँ से तीसरे पर R है तथा R के तुरंत बाएँ O है.
3. दाएँ सिरे पर Y है.

SubQuestion No : 84

Q.8 बाएँ सिरे पर कौन खड़ा है?  
4

- A. H
- B. T
- C. I
- D. S

Ans  1. B  
 2. A  
 3. D

Question ID : 988837396

Status : Answered

Chosen Option : 2

✗ 4. C

Q.85 भारत की सबसे लंबी सीमा किस देश के साथ है?

- A. पाकिस्तान  
B. बांग्लादेश  
C. चीन  
D. नेपाल

Question ID : 988837314

Status : Answered

Chosen Option : 4

Ans ✗ 1. C

✗ 2. D

✗ 3. A

✓ 4. B

Q.86 Women's Doubles World Champions for 2015 announced by International Tennis Federation are

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

Question ID : 988837322

Status : Answered

Chosen Option : 2

Ans ✗ 1. C

✓ 2. A

✗ 3. B

✗ 4. D

Q.87 पुष्पा ने 2 दर्जन पैन रुपये 480 में खरीदे तथा 4 पैन के पैकेट के हिसाब से रुपये 100 में प्रति पैकेट बेचा। उसका लाभ % कितना होगा?

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

Question ID : 988837367

Status : Answered

Chosen Option : 2

Ans ✗ 1. B

✓ 2. D

✗ 3. A

✗ 4. C

Q.88 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. C

✗ 2. D

✗ 3. A

✓ 4. B

Q.89 Find the value of (?) in the series 3, 4, 6, 8, 12, ?, 18

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

Question ID : 988837384

Status : Not Attempted

Chosen Option : --

Ans ✗ 1. C

✗ 2. A

✗ 3. D



✓ 4. B

Q.90 World No-Tobacco Day falls on

- A. 1<sup>st</sup> May
- B. 31<sup>st</sup> May
- C. 1<sup>st</sup> June
- D. 30<sup>th</sup> June

Ans ✓ 1. B

✗ 2. A

✗ 3. C

✗ 4. D

Question ID : 988837312

Status : Not Attempted

Chosen Option : --

Q.91 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.  $s^3 + 6s^2 + 6s + 8$

Ans ✗ 1. D

✗ 2. B

✓ 3. C

✗ 4. A

Question ID : 988837370

Status : Not Attempted

Chosen Option : --

Q.92 Biotechnology means

- 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. A

✓ 2. D

✗ 3. B

✗ 4. C

Question ID : 988837336

Status : Answered

Chosen Option : 4

Q.93 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

Ans ✗ 1. D

✓ 2. B

✗ 3. C

✗ 4. A

Question ID : 988837392

Status : Answered

Chosen Option : 2

Q.94

Question ID : 988837401

Status : Not Attempted

Chosen Option : --

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.

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

**Q.95** 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.  $2/5$

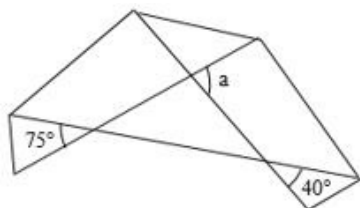
- Ans
- 1. D
  - 2. A
  - 3. B
  - 4. C

Question ID : 988837360

Status : Answered

Chosen Option : 2

**Q.96**



What is the value of a?

- A.  $65^\circ$
- B.  $75^\circ$
- C.  $105^\circ$
- D.  $115^\circ$

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

Question ID : 988837374

Status : Not Attempted

Chosen Option : --

**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.

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

Question ID : 988837343

Status : Answered

Chosen Option : 1

 4. A

Q.98 The 103<sup>rd</sup> Indian Annual Science Congress was held in

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

Question ID : 988837338

Status : Answered

Chosen Option : 1

Ans  1. A

 2. D

 3. B

 4. C

Q.99 एक 18 फीट ऊँचा बिजली का खम्भा 6 फीट ऊँचे पेड़ से 10 फीट की दूरी पर स्थित है। पेड़ की परछाई की लम्बाई कितनी होगी?

- A. 10 फीट
- B. 7.5 फीट
- C. 6 फीट
- D. 5 फीट

Question ID : 988837373

Status : Not Attempted

Chosen Option : --

Ans  1. A

 2. D

 3. B

 4. C

Q.10 Who was the chief guest on the occasion of 69<sup>th</sup> Independence Day celebrations in India?

- 0 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 : 1

Ans  1. A

 2. B

 3. C

 4. D



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