# रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

# सी ई एन ०१/२०१९ - एन टी पी सी - CEN 01/2019 - NTPC

| Participant ID | Join YouTube Channel |
|---|---|
| Participant Name | Join YouTube Channel |
| Test Center Name | Sunny Digital |
| Test Date | 28/12/2020 |
| Test Time | 10:30 AM - 12:00 PM |
| Subject | NTPC |

**\* Note**
**Correct Answer will carry 1 mark per Question.**
**Incorrect Answer will carry 1/3 Negative mark.**

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

Section : **NTPC**

**Q.1** What is Sukanya Samriddhi Yojana?

**Ans** ✗ 1.
A scheme to provide bicycles for girls studying in the 10$^{th}$ class.

✗ 2. A scheme to develop self-defence skills in girls.

✗ 3.
A scheme to provide skills that give employability to women.

✔ 4. A small deposit scheme for the girl child.

Question ID : **94891139**
Option 1 ID : **948911156**
Option 2 ID : **948911154**
Option 3 ID : **948911153**
Option 4 ID : **948911155**
Status : **Answered**
Chosen Option : **4**

**Q.2** A group of friends are sitting in an arrangement with one each at the corner of an octagon. All are facing the centre.
Medha is sitting diagonally opposite Radha. Medha is on Seema's left. Raman is next to Seema and opposite to Govind.
Govind is on Chandra's right. Shanti is not on Medha's right but is opposite to Shashi. Who is opposite to Chandra?

Ans ✔ 1. Seema

✘ 2. Radha

✘ 3. Shanti

✘ 4. Raman

Question ID : **948911196**
Option 1 ID : **948911784**
Option 2 ID : **948911783**
Option 3 ID : **948911782**
Option 4 ID : **948911781**
Status : **Answered**
Chosen Option : **3**

**Q.3** Which of the following countries is NOT a member of **BIMSTEC?**

Ans ✔ 1. Maldives

✘ 2. India

✘ 3. Nepal

✘ 4. Bhutan

Question ID : **9489115**
Option 1 ID : **94891120**
Option 2 ID : **94891119**
Option 3 ID : **94891118**
Option 4 ID : **94891117**
Status : **Answered**
Chosen Option : **3**

**Q.4** The cost price of an article is 75% of the marked price. If a discount of 15% is allowed, then the profit or loss
percentage is:

Ans ✘ 1. 15.55% loss

✘ 2. 15% profit

✔ 3. 13.33% profit

✘ 4. 12.44% loss

Question ID : **948911260**
Option 1 ID : **9489111040**
Option 2 ID : **9489111037**
Option 3 ID : **9489111038**
Option 4 ID : **9489111039**
Status : **Answered**
Chosen Option : **3**

**Q.5** Out of Harish's monthly salary of ₹45000, $\frac{1}{3}$ of the expenditures are on education and $\frac{2}{6}$ of the expenditures are on food and other necessities. The rest of the salary goes towards his savings. The amount of savings is:

Ans
✗ 1. ₹22500
✗ 2. ₹11250
✗ 3. ₹12000
✔ 4. ₹15000

Question ID : **948911251**
Option 1 ID : **9489111003**
Option 2 ID : **9489111004**
Option 3 ID : **9489111001**
Option 4 ID : **9489111002**
Status : **Answered**
Chosen Option : **4**

**Q.6** If $\sin\theta = \frac{3}{4}$ and $\cos\theta = \frac{5}{4}$, then the value of $\frac{1+\tan\theta}{1-\cot\theta}$ is:

Ans
✗ 1. $\frac{11}{5}$
✗ 2. $-\frac{8}{5}$
✗ 3. $\frac{2}{5}$
✔ 4. $-\frac{12}{5}$

Question ID : **948911273**
Option 1 ID : **9489111092**
Option 2 ID : **9489111091**
Option 3 ID : **9489111090**
Option 4 ID : **9489111089**
Status : **Answered**
Chosen Option : **4**

**Q.7** Which of the following states is NOT a member of 'Seven Sisters' states of North-East India?

Ans
✗ 1. Tripura
✗ 2. Mizoram
✗ 3. Meghalaya
✔ 4. Sikkim

Question ID : **94891124**
Option 1 ID : **94891193**
Option 2 ID : **94891194**
Option 3 ID : **94891195**
Option 4 ID : **94891196**
Status : **Answered**
Chosen Option : **2**

**Q.8** In which year was The Environment (Protection) Act passed by the Parliament of India?

**Ans**
✔ 1. 1986
✘ 2. 1988
✘ 3. 1990
✘ 4. 1991

Question ID : **94891129**
Option 1 ID : **948911113**
Option 2 ID : **948911114**
Option 3 ID : **948911115**
Option 4 ID : **948911116**
Status : **Answered**
Chosen Option : **4**

**Q.9** Between which two cities does India's first semi high-speed train 'Vande Bharat Express' run?

**Ans**
✘ 1. Puri and Howrah Junction
✘ 2. Ahmedabad and Mumbai Central
✘ 3. Hazrat Nizamuddin and Jhansi Junction
✔ 4. New Delhi and Varanasi Junction

Question ID : **94891141**
Option 1 ID : **948911164**
Option 2 ID : **948911161**
Option 3 ID : **948911163**
Option 4 ID : **948911162**
Status : **Answered**
Chosen Option : **4**

**Q.10** Select the option that is related to the third term in the same way as the second term is related to the first term.

Pediatrics : children : : neurology : ?

**Ans**
✘ 1. heart
✔ 2. brain
✘ 3. eyes
✘ 4. veins

Question ID : **948911174**
Option 1 ID : **948911695**
Option 2 ID : **948911694**
Option 3 ID : **948911693**
Option 4 ID : **948911696**
Status : **Answered**
Chosen Option : **2**

**Q.11** Four words have been given, out of which three are alike in some manner and one is different. Select the odd one.

Ans ✔ 1. Book

✗ 2. Chalk

✗ 3. Pen

✗ 4. Marker

Question ID : **948911180**
Option 1 ID : **948911720**
Option 2 ID : **948911717**
Option 3 ID : **948911718**
Option 4 ID : **948911719**
Status : **Answered**
Chosen Option : **1**

**Q.12** A cylinder has a height of 14 cm and the curved surface area is $528$ cm$^2$. The volume of the cylinder is:

Ans ✗ 1. $1244$ cm$^3$

✗ 2. $792$ cm$^3$

✔ 3. $1584$ cm$^3$

✗ 4. $2538$ cm$^3$

Question ID : **948911265**
Option 1 ID : **9489111058**
Option 2 ID : **9489111060**
Option 3 ID : **9489111059**
Option 4 ID : **9489111057**
Status : **Answered**
Chosen Option : **3**

**Q.13** Which of the following is a multi-barrel rocket system developed by DRDO?

Ans ✗ 1. Trishul

✔ 2. Pinaka

✗ 3. Prithvi

✗ 4. Dhanush

Question ID : **94891130**
Option 1 ID : **948911117**
Option 2 ID : **948911118**
Option 3 ID : **948911119**
Option 4 ID : **948911120**
Status : **Answered**
Chosen Option : **2**

**Q.14** If the mass of a person is 60 kg on the surface of earth then the same person's mass on the surface of the moon will be:

**Ans**
✗ 1. 0 kg

✗ 2. 360 kg

✔ 3. 60 kg

✗ 4. 10 kg

Question ID : **94891113**
Option 1 ID : **94891152**
Option 2 ID : **94891149**
Option 3 ID : **94891150**
Option 4 ID : **94891151**
Status : **Answered**
Chosen Option : **4**

**Q.15** Who was honoured with the 55$^{th}$ Jnanpith Award for the year 2019?

**Ans**
✔ 1. A Achuthan Namboothiri

✗ 2. Krishna Sobti

✗ 3. Shobha Rao

✗ 4. Chitra Mudgal

Question ID : **9489117**
Option 1 ID : **94891125**
Option 2 ID : **94891126**
Option 3 ID : **94891128**
Option 4 ID : **94891127**
Status : **Answered**
Chosen Option : **1**

**Q.16** Mahatma Gandhi started the famous 'Salt March' from Sabarmati to Dandi. In which district of Gujarat is Dandi?

**Ans**
✔ 1. Navsari

✗ 2. Surat

✗ 3. Porbandar

✗ 4. Kutch

Question ID : **94891121**
Option 1 ID : **94891182**
Option 2 ID : **94891184**
Option 3 ID : **94891183**
Option 4 ID : **94891181**
Status : **Answered**
Chosen Option : **1**

**Q.17** Which of the following passes connects Srinagar and Leh?

Ans ✗ 1. Jelep La

✗ 2. Nathu La

✗ 3. Bara La

✔ 4. Zoji La

Question ID : **94891125**
Option 1 ID : **94891198**
Option 2 ID : **94891197**
Option 3 ID : **948911100**
Option 4 ID : **94891199**
Status : **Answered**
Chosen Option : **4**

**Q.18** The value of $\frac{6}{5}$ of $\left(\frac{1}{3}+\frac{2}{4}\right)-\frac{5}{6}$ of $\left(\frac{3}{10}+\frac{12}{20}\right)-\frac{1}{6}$ is:

Ans ✗ 1. $\frac{1}{3}$

✗ 2. $\frac{3}{4}$

✗ 3. $\frac{5}{6}$

✔ 4. $\frac{1}{12}$

Question ID : **948911244**
Option 1 ID : **948911973**
Option 2 ID : **948911975**
Option 3 ID : **948911976**
Option 4 ID : **948911974**
Status : **Answered**
Chosen Option : **4**

**Q.19** If $a^3 - b^3 = 625$, $a^2 - b^2 = 25$ and $a + b = 5$ then the value of $a^2 + ab + b^2$ is:

Ans ✔ 1. 125

✗ 2. 25

✗ 3. 5

✗ 4. 150

Question ID : **948911266**
Option 1 ID : **9489111063**
Option 2 ID : **9489111064**
Option 3 ID : **9489111062**
Option 4 ID : **9489111061**
Status : **Answered**
Chosen Option : **2**

**Q.20** The angles of a triangle are $2x°, (3x° − 8°)$ and $(5x° − 12°)$. The greatest angle of the triangle is:

Ans ✗ 1. $112°$

    ✗ 2. $40°$

    ✗ 3. $118°$

    ✔ 4. $88°$

Question ID : **948911269**
Option 1 ID : **9489111075**
Option 2 ID : **9489111073**
Option 3 ID : **9489111076**
Option 4 ID : **9489111074**
Status : **Answered**
Chosen Option : **4**

**Q.21** Select the option that is related to the third letter cluster in the same way as the second letter cluster is related to the first letter cluster.

RAMO : SCPS :: VXMJ : ?

Ans ✗ 1. WQZN

    ✗ 2. WQPN

    ✔ 3. WZPN

    ✗ 4. WPZN

Question ID : **948911176**
Option 1 ID : **948911702**
Option 2 ID : **948911703**
Option 3 ID : **948911704**
Option 4 ID : **948911701**
Status : **Answered**
Chosen Option : **3**

**Q.22** Which of the following countries is NOT a permanent member of United Nations Security Council?

Ans ✗ 1. France

    ✗ 2. United Kingdom

    ✔ 3. Japan

    ✗ 4. China

Question ID : **94891134**
Option 1 ID : **948911135**
Option 2 ID : **948911136**
Option 3 ID : **948911134**
Option 4 ID : **948911133**
Status : **Answered**
Chosen Option : **2**

**Q.23** In which of the following continents is the Gobi desert located?

Ans
- ✗ 1. Europe
- ✗ 2. North America
- ✓ 3. Asia
- ✗ 4. Africa

Question ID : **94891122**
Option 1 ID : **94891186**
Option 2 ID : **94891188**
Option 3 ID : **94891187**
Option 4 ID : **94891185**
Status : **Answered**
Chosen Option : **3**

**Q.24** Which of the following is in the list of Maharatna Central Public Sector Enterprises?

Ans
- ✗ 1. India Tourism Development Corporation
- ✗ 2. Central Coalfields Limited
- ✓ 3. Coal India Limited
- ✗ 4. Cochin Shipyard

Question ID : **94891143**
Option 1 ID : **948911170**
Option 2 ID : **948911172**
Option 3 ID : **948911171**
Option 4 ID : **948911169**
Status : **Answered**
Chosen Option : **3**

**Q.25** What is 'UBUNTU'?

Ans
- ✓ 1. Operating system
- ✗ 2. Malware
- ✗ 3. External hard drive
- ✗ 4. Web Browser

Question ID : **94891137**
Option 1 ID : **948911145**
Option 2 ID : **948911147**
Option 3 ID : **948911148**
Option 4 ID : **948911146**
Status : **Answered**
Chosen Option : **1**

**Q.26** Which two banks were merged with Bank of Baroda with effect from 1<sup>st</sup> April 2019?

Ans  ✗ 1. Allahabad Bank and Canara Bank

✔ 2. Vijaya Bank and Dena Bank

✗ 3. Syndicate Bank and UCO Bank

✗ 4. Union Bank of India and Andhra Bank

Question ID : **94891140**
Option 1 ID : **948911159**
Option 2 ID : **948911158**
Option 3 ID : **948911160**
Option 4 ID : **948911157**
Status : **Answered**
Chosen Option : **2**

**Q.27** In a rectangle, the length is twice the breadth and the perimeter of the rectangle is 48 cm. The area of the rectangle is:

Ans  ✗ 1. $512 \, cm^2$

✔ 2. $128 \, cm^2$

✗ 3. $288 \, cm^2$

✗ 4. $144 \, cm^2$

Question ID : **948911264**
Option 1 ID : **9489111055**
Option 2 ID : **9489111056**
Option 3 ID : **9489111054**
Option 4 ID : **9489111053**
Status : **Answered**
Chosen Option : **2**

**Q.28** Which part of the computer is called its brain?

Ans  ✗ 1. Monitor

✔ 2. CPU

✗ 3. Hard Disc

✗ 4. ROM

Question ID : **94891136**
Option 1 ID : **948911143**
Option 2 ID : **948911142**
Option 3 ID : **948911141**
Option 4 ID : **948911144**
Status : **Answered**
Chosen Option : **2**

**Q.29** In which year did ISRO launch the Mars Orbiter Mission?

Ans
✔ 1. 2013
✘ 2. 2015
✘ 3. 2012
✘ 4. 2014

Question ID : **94891132**
Option 1 ID : **948911126**
Option 2 ID : **948911128**
Option 3 ID : **948911125**
Option 4 ID : **948911127**
Status : **Answered**
Chosen Option : **3**

**Q.30** Shweta and Harish completed a project with an income of ₹28,000. In this project Shweta worked for 20 days and Harish worked for 30 days. If their daily wages are in the ratio of 5 : 6, then Shweta's share is:

Ans
✔ 1. ₹10,000
✘ 2. ₹12,000
✘ 3. ₹18,000
✘ 4. ₹16,000

Question ID : **948911261**
Option 1 ID : **9489111041**
Option 2 ID : **9489111043**
Option 3 ID : **9489111042**
Option 4 ID : **9489111044**
Status : **Answered**
Chosen Option : **3**

**Q.31** A class of 50 girls and 70 boys sponsored a musical programme. If 40% of the girls and 50% of the boys attended, approximately what percentage of the class attended the programme?

Ans
✘ 1. 42%
✘ 2. 48%
✘ 3. 44%
✔ 4. 46%

Question ID : **948911194**
Option 1 ID : **948911774**
Option 2 ID : **948911773**
Option 3 ID : **948911775**
Option 4 ID : **948911776**
Status : **Answered**
Chosen Option : **4**

**Q.32** If all the special characters are dropped from the below arrangement, which of the following will be the 10<sup>th</sup> to the right of X?

3 X ! B 9 # F 4 5 * 1 K 2 S 8 R S % Z

Ans
✔ 1. R
✘ 2. 8
✘ 3. S
✘ 4. 2

Question ID : **948911201**
Option 1 ID : **948911803**
Option 2 ID : **948911802**
Option 3 ID : **948911801**
Option 4 ID : **948911804**
Status : **Answered**
Chosen Option : **1**

**Q.33** Select the number from among the given options that can replace the question mark (?) in the following table.

| 5 | 4 | 3 |
|---|---|---|
| 6 | 5 | 4 |
| 7 | 6 | 5 |
| 384 | 245 | ? |

Ans
✘ 1. 269
✘ 2. 244
✔ 3. 144
✘ 4. 249

Question ID : **948911188**
Option 1 ID : **948911749**
Option 2 ID : **948911752**
Option 3 ID : **948911751**
Option 4 ID : **948911750**
Status : **Answered**
Chosen Option : **4**

**Q.34** Select the option that is related to the third term in the same way as the second term is related to the first term.

Lawyer : court :: beautician :?

**Ans** ✗ 1. ship

✓ 2. parlour

✗ 3. class

✗ 4. house

Question ID : **948911175**
Option 1 ID : **948911699**
Option 2 ID : **948911700**
Option 3 ID : **948911697**
Option 4 ID : **948911698**
Status : **Answered**
Chosen Option : **2**

**Q.35** In general, the most appropriate average value in measuring central tendency is:

**Ans** ✗ 1. mode

✓ 2. mean

✗ 3. median

✗ 4. range

Question ID : **948911268**
Option 1 ID : **9489111071**
Option 2 ID : **9489111069**
Option 3 ID : **9489111070**
Option 4 ID : **9489111072**
Status : **Answered**
Chosen Option : **2**

**Q.36** Which of the following units is used for measuring the amount of a substance?

**Ans** ✓ 1. Mole

✗ 2. Tesla

✗ 3. Joule

✗ 4. Lux

Question ID : **94891116**
Option 1 ID : **94891162**
Option 2 ID : **94891161**
Option 3 ID : **94891163**
Option 4 ID : **94891164**
Status : **Answered**
Chosen Option : **1**

**Q.37** The greatest number that will divide 155, 260, 315 and leave the remainders 5, 10 and 15 respectively is:

**Ans**
✗ 1. 10
✗ 2. 75
✗ 3. 25
✓ 4. 50

Question ID : **948911247**
Option 1 ID : **948911988**
Option 2 ID : **948911985**
Option 3 ID : **948911987**
Option 4 ID : **948911986**
Status : **Answered**
Chosen Option : **4**

**Q.38** Who is the author of 'Rajatarangini'?

**Ans**
✗ 1. Kalidasa
✗ 2. Chand Bardai
✓ 3. Kalhana
✗ 4. Jayadeva

Question ID : **9489118**
Option 1 ID : **94891132**
Option 2 ID : **94891130**
Option 3 ID : **94891131**
Option 4 ID : **94891129**
Status : **Answered**
Chosen Option : **1**

**Q.39** The simple interest on an amount of ₹3400 for 4 years is ₹680. The rate of interest is:

**Ans**
✗ 1. 6%
✗ 2. 8%
✓ 3. 5 %
✗ 4. 4%

Question ID : **948911258**
Option 1 ID : **9489111032**
Option 2 ID : **9489111031**
Option 3 ID : **9489111030**
Option 4 ID : **9489111029**
Status : **Answered**
Chosen Option : **3**

**Q.40** The adjacent angles of a rhombus are in the ratio of 3 : 6. The smallest angle of the rhombus is:

Ans  ✗ 1. 40°

✗ 2. 120°

✗ 3. 80°

✔ 4. 60°

Question ID : **948911270**
Option 1 ID : **9489111080**
Option 2 ID : **9489111078**
Option 3 ID : **9489111079**
Option 4 ID : **9489111077**
Status : **Answered**
Chosen Option : **1**

**Q.41** Pattachitra style of painting is one of the oldest and most popular art forms of which of the following states?

Ans  ✗ 1. Bihar

✗ 2. Andhra Pradesh

✔ 3. Odisha

✗ 4. Rajasthan

Question ID : **94891110**
Option 1 ID : **94891139**
Option 2 ID : **94891140**
Option 3 ID : **94891137**
Option 4 ID : **94891138**
Status : **Answered**
Chosen Option : **3**

**Q.42** Which Sikh guru established the Khalsa Panth?

Ans  ✗ 1. Shri Guru Tegh Bahadur ji

✔ 2. Shri Guru Gobind Singh ji

✗ 3. Shri Guru Har Gobind ji

✗ 4. Shri Guru Nanak ji

Question ID : **94891120**
Option 1 ID : **94891179**
Option 2 ID : **94891178**
Option 3 ID : **94891180**
Option 4 ID : **94891177**
Status : **Answered**
Chosen Option : **2**

**Q.43** Which of the following monuments is NOT located in Delhi?

Ans ✔ 1. Buland Darwaza

✗ 2. Alai Darwaza

✗ 3. Humayun's Tomb

✗ 4. India Gate

Question ID : **9489119**
Option 1 ID : **94891135**
Option 2 ID : **94891134**
Option 3 ID : **94891133**
Option 4 ID : **94891136**
Status : **Answered**
Chosen Option : **3**

**Q.44** Which of the following diseases is caused by a virus?

Ans ✗ 1. Cholera

✔ 2. Chicken Pox

✗ 3. Typhoid

✗ 4. Tuberculosis

Question ID : **94891115**
Option 1 ID : **94891158**
Option 2 ID : **94891159**
Option 3 ID : **94891160**
Option 4 ID : **94891157**
Status : **Answered**
Chosen Option : **2**

**Q.45** The value of $180 \div (2^3 + 3^2 + 1) + 37 - 20$ equal to:

Ans ✔ 1. 27

✗ 2. 20

✗ 3. 23

✗ 4. 25

Question ID : **948911245**
Option 1 ID : **948911979**
Option 2 ID : **948911980**
Option 3 ID : **948911977**
Option 4 ID : **948911978**
Status : **Answered**
Chosen Option : **1**

**Q.46** In the domain of computers and the internet, what is the full form of URL?

Ans
✗ 1. Unique Resource Location

✗ 2. Unique Revoked Location

✓ 3. Uniform Resource Locator

✗ 4. Universal Resource Locator

Question ID : **94891138**
Option 1 ID : **948911149**
Option 2 ID : **948911151**
Option 3 ID : **948911152**
Option 4 ID : **948911150**
Status : **Answered**
Chosen Option : **1**

**Q.47** The term 'Sericulture' is related to which of the following?

Ans
✗ 1. Fish farming

✗ 2. Bird farming

✓ 3. Silk farming

✗ 4. Bee farming

Question ID : **94891111**
Option 1 ID : **94891143**
Option 2 ID : **94891141**
Option 3 ID : **94891144**
Option 4 ID : **94891142**
Status : **Answered**
Chosen Option : **3**

**Q.48** A rope is divided in to three different parts. The first part is $\frac{1}{5}$ of the whole length, the second part is $\frac{3}{2}$ of the first. The third part is what fraction of the rope?

Ans
✗ 1. $\frac{3}{4}$

✗ 2. $\frac{2}{3}$

✗ 3. $\frac{1}{3}$

✓ 4. $\frac{1}{2}$

Question ID : **948911250**
Option 1 ID : **948911999**
Option 2 ID : **9489111000**
Option 3 ID : **948911997**
Option 4 ID : **948911998**
Status : **Answered**
Chosen Option : **4**

**Q.49** The value of $5\sin14°\sec76° + 3\cot15° - \cot75° + 2\tan45°$ is:

Ans
- ✗ 1. 1
- ✗ 2. 8
- ✓ 3. 10
- ✗ 4. 0

Question ID : **948911271**
Option 1 ID : **9489111083**
Option 2 ID : **9489111081**
Option 3 ID : **9489111082**
Option 4 ID : **9489111084**
Status : **Answered**
Chosen Option : **3**

**Q.50** Which of the following shows a symbiotic relationship?

Ans
- ✗ 1. Funaria
- ✓ 2. Lichen
- ✗ 3. Marsilea
- ✗ 4. Ulothrix

Question ID : **94891114**
Option 1 ID : **94891153**
Option 2 ID : **94891155**
Option 3 ID : **94891154**
Option 4 ID : **94891156**
Status : **Not Answered**
Chosen Option : **--**

**Q.51** Name the theme declared by United Nations for World Environment Day, 2020.

Ans
- ✗ 1. Beat Plastic Pollution
- ✓ 2. Biodiversity
- ✗ 3. Connecting People to Nature
- ✗ 4. Water pollution

Question ID : **94891135**
Option 1 ID : **948911137**
Option 2 ID : **948911138**
Option 3 ID : **948911140**
Option 4 ID : **948911139**
Status : **Answered**
Chosen Option : **1**

**Q.52** Who was the founder of the Prarthana Samaj?

Ans
✔ 1. Atmaram Pandurang

✘ 2. Swami Vivekananda

✘ 3. Raja Ram Mohan Roy

✘ 4. Swami Dayanand Saraswati

Question ID : **94891118**
Option 1 ID : **94891172**
Option 2 ID : **94891169**
Option 3 ID : **94891170**
Option 4 ID : **94891171**
Status : **Answered**
Chosen Option : **4**

**Q.53** Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the odd one.

Ans
✘ 1. 12 - 96

✘ 2. 15 - 120

✘ 3. 13 - 104

✔ 4. 16 - 118

Question ID : **948911179**
Option 1 ID : **948911713**
Option 2 ID : **948911715**
Option 3 ID : **948911714**
Option 4 ID : **948911716**
Status : **Answered**
Chosen Option : **4**

**Q.54** The smallest 5 digit number that leaves a remainder of 6 when divided by 7 is:

Ans
✔ 1. 10002

✘ 2. 10009

✘ 3. 10007

✘ 4. 10003

Question ID : **948911252**
Option 1 ID : **9489111008**
Option 2 ID : **9489111007**
Option 3 ID : **9489111006**
Option 4 ID : **9489111005**
Status : **Answered**
Chosen Option : **2**

**Q.55** Through which of the following mediums can sound NOT travel?

Ans
- ✗ 1. Steel
- ✔ 2. Vacuum
- ✗ 3. Air
- ✗ 4. Milk

Question ID : **94891112**
Option 1 ID : **94891148**
Option 2 ID : **94891145**
Option 3 ID : **94891146**
Option 4 ID : **94891147**
Status : **Answered**
Chosen Option : **4**

**Q.56** From among the given options, select the word which CANNOT be formed using the letters of the given word.

LAUGHTER

Ans
- ✔ 1. GRUNT
- ✗ 2. RATE
- ✗ 3. HATE
- ✗ 4. GATE

Question ID : **948911198**
Option 1 ID : **948911790**
Option 2 ID : **948911792**
Option 3 ID : **948911791**
Option 4 ID : **948911789**
Status : **Answered**
Chosen Option : **1**

**Q.57** The ratio of two positive numbers is 3 : 7 and their LCM is 231. The smaller number is:

Ans
- ✔ 1. 33
- ✗ 2. 55
- ✗ 3. 44
- ✗ 4. 77

Question ID : **948911254**
Option 1 ID : **9489111014**
Option 2 ID : **9489111016**
Option 3 ID : **9489111015**
Option 4 ID : **9489111013**
Status : **Answered**
Chosen Option : **1**

**Q.58** What is to be added to 12% of 2400, so that the sum will be equal to 18% of 5400?

Ans    ✗ 1. 952

     ✗ 2. 972

     ✔ 3. 684

     ✗ 4. 288

**Q.59** If $\frac{x}{2} + \frac{2}{y} = 1$ and $\frac{y}{2} + \frac{2}{z} = 1$, then the value of $\frac{z}{2} + \frac{2}{x}$ is:

Ans    ✗ 1. $-1$

     ✗ 2. 0

     ✗ 3. 2

     ✔ 4. 1

**Q.60** A train leaves station A towards station B at the speed of 50 km/hr. After half an hour, another train leaves station B towards station A at 150 km/hr. The distance between the stations is 725 km. The distance of the point from station A where the two trains are to meet is:

Ans    ✗ 1. 250 km

     ✗ 2. 150 km

     ✗ 3. 168 km

     ✔ 4. 200 km

**Q.61** Two buses start from opposite points towards each other on a main road, 185 km apart. The first bus runs for 35 km and takes a right turn and runs for 17 km. It then turns left and runs for another 42 km and takes the direction back to reach the main road, in the meantime, due to a minor breakdown, the other bus has run only 36 km along the main road. What would the distance between the two buses be at this point?

Ans
✔ 1. 72 km
✘ 2. 75 km
✘ 3. 80 km
✘ 4. 85 km

Question ID : **948911183**
Option 1 ID : **948911729**
Option 2 ID : **948911731**
Option 3 ID : **948911730**
Option 4 ID : **948911732**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Q.62** In which city was the Khelo India Youth Games, 2020 held?

Ans
✔ 1. Guwahati
✘ 2. Kolkata
✘ 3. Chennai
✘ 4. Bangalore

Question ID : **9489116**
Option 1 ID : **94891122**
Option 2 ID : **94891124**
Option 3 ID : **94891121**
Option 4 ID : **94891123**
Status : **Answered**
Chosen Option : **1**

**Q.63** What is the maximum strength of the members of the Lok Sabha?

Ans
✘ 1. 547
✘ 2. 549
✔ 3. 552
✘ 4. 543

Question ID : **94891128**
Option 1 ID : **948911110**
Option 2 ID : **948911111**
Option 3 ID : **948911112**
Option 4 ID : **948911109**
Status : **Answered**
Chosen Option : **1**

**Q.64** In the following question, select the related words from the given alternatives.

Writer : Pen :: Tailor : ?

Ans   ✔ 1. Needle

    ✘ 2. Scalpel

    ✘ 3. Axe

    ✘ 4. Saw

Question ID : **948911193**
Option 1 ID : **948911770**
Option 2 ID : **948911769**
Option 3 ID : **948911772**
Option 4 ID : **948911771**
Status : **Answered**
Chosen Option : **1**

**Q.65** The ratio of ladies to gents numbers in a club is 3 : 2. Recently, 300 ladies joined the club and the ratio became 5 : 2.
The number of lady members now in the club is:

Ans   ✘ 1. 900

    ✘ 2. 1200

    ✔ 3. 750

    ✘ 4. 600

Question ID : **948911255**
Option 1 ID : **9489111019**
Option 2 ID : **9489111020**
Option 3 ID : **9489111017**
Option 4 ID : **9489111018**
Status : **Answered**
Chosen Option : **3**

**Q.66** In which year was the Second battle of Panipat fought between Akbar and Hemu?

Ans   ✘ 1. 1576

    ✘ 2. 1526

    ✔ 3. 1556

    ✘ 4. 1536

Question ID : **94891119**
Option 1 ID : **94891176**
Option 2 ID : **94891173**
Option 3 ID : **94891175**
Option 4 ID : **94891174**
Status : **Answered**
Chosen Option : **1**

**Q.67** In which state is the Kudanukulam Nuclear Power Station located?

Ans ✔ 1. Tamil Nadu

✘ 2. Gujarat

✘ 3. Rajasthan

✘ 4. Karnataka

**Q.68** If $\frac{1}{\sin^2 65° + \cos^2 65°} + \frac{\sin 15°}{\cos 75°} + \frac{\cos 65°}{\sin 25°} = \sqrt{3}\tan\theta$ , then the value of $\theta$ is:

Ans ✔ 1. $60°$

✘ 2. $45°$

✘ 3. $30°$

✘ 4. $90°$

**Q.69** Who among the following was the youngest President of India?

Ans ✔ 1. Shri Neelam Sanjiva Reddy

✘ 2. Dr. S.Radhakrishnan

✘ 3. Dr. Zakir Hussain

✘ 4. Dr. Rajendra Prasad

**Q.70** The sum of two numbers is 60 and their HCF and LCM are 12 and 72 respectively. The sum of the reciprocal of the two numbers is:

Ans

✗ 1. $\frac{5}{12}$

✗ 2. $\frac{1}{5}$

✓ 3. $\frac{5}{72}$

✗ 4. $\frac{5}{6}$

Question ID : **948911248**
Option 1 ID : **948911989**
Option 2 ID : **948911991**
Option 3 ID : **948911990**
Option 4 ID : **948911992**
Status : **Answered**
Chosen Option : **3**

**Q.71** Which of the following two countries of South America are land locked?

Ans

✓ 1. Paraguay and Bolivia

✗ 2. Brazil and Venezuela

✗ 3. Guyana and Suriname

✗ 4. Chile and Ecuador

Question ID : **94891126**
Option 1 ID : **948911104**
Option 2 ID : **948911101**
Option 3 ID : **948911102**
Option 4 ID : **948911103**
Status : **Answered**
Chosen Option : **4**

**Q.72** The value of $5\frac{2}{3} + 0.73 - 3.123$ is equal to:

Ans

✓ 1. 3.27

✗ 2. 3.12

✗ 3. 2.55

✗ 4. 5.73

Question ID : **948911246**
Option 1 ID : **948911984**
Option 2 ID : **948911981**
Option 3 ID : **948911982**
Option 4 ID : **948911983**
Status : **Marked For Review**
Chosen Option : **1**

**Q.73** Select the combination of letters that when sequentially placed in the blanks will create a repetitive pattern.

c _ bba _ cab _ ac _ ab _ ac

Ans

✗ 1. b; a; b; c; c

✗ 2. b; c; a; c; b

✗ 3. a; b; c; b; c

✓ 4. a; c; b; c; b

Question ID : **948911182**
Option 1 ID : **948911727**
Option 2 ID : **948911728**
Option 3 ID : **948911725**
Option 4 ID : **948911726**
Status : **Answered**
Chosen Option : **4**

**Q.74** The unit digit in $4 \times 38 \times 764 \times 1256$ is:

Ans

✗ 1. 5

✗ 2. 6

✓ 3. 8

✗ 4. 4

Question ID : **948911253**
Option 1 ID : **9489111012**
Option 2 ID : **9489111009**
Option 3 ID : **9489111010**
Option 4 ID : **9489111011**
Status : **Answered**
Chosen Option : **3**

**Q.75** Where is the Central Potato Research Institute of India located?

Ans

✗ 1. Delhi

✗ 2. Lucknow

✗ 3. Ranchi

✓ 4. Shimla

Question ID : **94891142**
Option 1 ID : **948911165**
Option 2 ID : **948911167**
Option 3 ID : **948911168**
Option 4 ID : **948911166**
Status : **Answered**
Chosen Option : **2**

**Q.76** Where is the Head Quarters of the International Court of Justice located?

Ans ✗ 1. Paris

✗ 2. New York

✔ 3. The Hague

✗ 4. Washington D.C.

Question ID : **94891133**
Option 1 ID : **948911129**
Option 2 ID : **948911132**
Option 3 ID : **948911130**
Option 4 ID : **948911131**
Status : **Answered**
Chosen Option : **3**

**Q.77** In order to qualify in an examination, one has to secure 50% of the overall marks. In the examination consisting of two papers, a student secured 40% in the first paper of 200 marks. Minimum what percentage of marks should be secured in the second paper of 150 marks in order to qualify in the examination?

Ans ✗ 1. 60 %

✗ 2. 68 %

✗ 3. 65 %

✔ 4. 64 %

Question ID : **948911257**
Option 1 ID : **9489111028**
Option 2 ID : **9489111026**
Option 3 ID : **9489111025**
Option 4 ID : **9489111027**
Status : **Answered**
Chosen Option : **4**

**Q.78** The value of $\frac{\sqrt{54} \times \sqrt{125}}{\sqrt{24} \times \sqrt{45}}$ is:

Ans ✗ 1. $4\sqrt{6}$

✗ 2. $4$

✗ 3. $2\sqrt{5}$

✔ 4. $2.5$

Question ID : **948911249**
Option 1 ID : **948911995**
Option 2 ID : **948911994**
Option 3 ID : **948911993**
Option 4 ID : **948911996**
Status : **Answered**
Chosen Option : **4**

**Q.79** Who said, "Freedom is my birth right and I shall have it"?

Ans
  ✘ 1. Bhagat Singh

  ✘ 2. Chandra Sekhar Azad

  ✔ 3. Bal Gangadhar Tilak

  ✘ 4. Gopal Krishna Gokhale

Question ID : **94891117**
Option 1 ID : **94891168**
Option 2 ID : **94891165**
Option 3 ID : **94891166**
Option 4 ID : **94891167**
Status : **Marked For Review**
Chosen Option : **1**

**Q.80** X and Y together can complete a piece of work in 12 days, Y and Z can do it 18 days and X and Z can complete the same work in 15 days. If X, Y and Z can together complete the work, approximately how many days will be required to complete the work?

Ans
  ✘ 1. 18

  ✔ 2. 10

  ✘ 3. 14

  ✘ 4. 12

Question ID : **948911262**
Option 1 ID : **9489111047**
Option 2 ID : **9489111048**
Option 3 ID : **9489111046**
Option 4 ID : **9489111045**
Status : **Answered**
Chosen Option : **2**

**Q.81** Select the letter cluster that can replace the question mark (?) in the following series. BZA, DYC, FXE, HWG, ?

Ans
  ✔ 1. JVI

  ✘ 2. KVI

  ✘ 3. JUH

  ✘ 4. JVH

Question ID : **948911186**
Option 1 ID : **948911741**
Option 2 ID : **948911743**
Option 3 ID : **948911742**
Option 4 ID : **948911744**
Status : **Answered**
Chosen Option : **1**

**Q.82** Which Indian state has the longest mainland coastline?

Ans
- ✗ 1. Maharashtra
- ✗ 2. Kerala
- ✓ 3. Gujarat
- ✗ 4. Odisha

Question ID : **94891123**
Option 1 ID : **94891190**
Option 2 ID : **94891192**
Option 3 ID : **94891189**
Option 4 ID : **94891191**
Status : **Answered**
Chosen Option : **1**

**Q.83** The simple interest on a sum of amount for 2 years at 10% per annum is ₹500. The compound interest on the same sum at the same rate for the same time is:

Ans
- ✗ 1. ₹515
- ✓ 2. ₹525
- ✗ 3. ₹510
- ✗ 4. ₹520

Question ID : **948911259**
Option 1 ID : **9489111033**
Option 2 ID : **9489111036**
Option 3 ID : **9489111034**
Option 4 ID : **9489111035**
Status : **Answered**
Chosen Option : **2**

**Q.84** Where is the Sabarimala temple located?

Ans
- ✗ 1. Maharashtra
- ✗ 2. Odisha
- ✓ 3. Kerala
- ✗ 4. Andhra Pradesh

Question ID : **9489114**
Option 1 ID : **94891115**
Option 2 ID : **94891114**
Option 3 ID : **94891113**
Option 4 ID : **94891116**
Status : **Answered**
Chosen Option : **3**

**Q.85** Mukesh was facing the south. He walked 5 km straight and from there he turned at a 90° angle to his right and walked 5 km. Then he turned at a 45° angle to his left and walked 3 km. Where will he be from his actual position?

Ans
✗ 1. South-east direction

✔ 2. South-west direction

✗ 3. South direction

✗ 4. North-west direction

Question ID : **948911197**
Option 1 ID : **948911786**
Option 2 ID : **948911788**
Option 3 ID : **948911785**
Option 4 ID : **948911787**
Status : **Answered**
Chosen Option : **2**

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**Q.86** Select the option that is related to the third number in the same way as the second number is related to the first number.

21 : 11 :: 31 : ?

Ans
✗ 1. 17

✔ 2. 16

✗ 3. 15

✗ 4. 18

Question ID : **948911177**
Option 1 ID : **948911705**
Option 2 ID : **948911706**
Option 3 ID : **948911708**
Option 4 ID : **948911707**
Status : **Answered**
Chosen Option : **2**

---

**Q.87** Select the number from among the given options that can replace the question mark (?) in the following table.

| 28 | 63 | 94 |
|----|----|----|
| 8  | 18 | ?  |
| 6  | 9  | 13 |

Ans
✗ 1. 69

✔ 2. 75

✗ 3. 76

✗ 4. 48

Question ID : **948911189**
Option 1 ID : **948911756**
Option 2 ID : **948911754**
Option 3 ID : **948911753**
Option 4 ID : **948911755**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Q.88** P is the brother of Q and R. S is R's mother. T is P's father. Which of the following statements CANNOT be definitely true?

Ans
✗ 1. S is P's mother
✔ 2. T is Q's husband
✗ 3. T is Q's father
✗ 4. T is S's husband

Question ID : **948911195**
Option 1 ID : **948911779**
Option 2 ID : **948911778**
Option 3 ID : **948911777**
Option 4 ID : **948911780**
Status : **Answered**
Chosen Option : **1**

**Q.89** From among the given options, select the word which CANNOT be formed using the letters of the given word.

DAUGHTER

Ans
✗ 1. GET
✔ 2. TOUGH
✗ 3. DATE
✗ 4. HURT

Question ID : **948911199**
Option 1 ID : **948911796**
Option 2 ID : **948911795**
Option 3 ID : **948911793**
Option 4 ID : **948911794**
Status : **Answered**
Chosen Option : **2**

**Q.90** Five girls Beena, Leena, Meena, Reena and Teena are playing game. They are sitting in a row facing towards the north. Meena is sitting at the west end and Teena is sitting at the east end. Leena and Reena are sitting together next to each other. Beena is sitting to the left of Leena and to the right of Meena. Who is sitting second from the east end?

Ans
✗ 1. Beena
✔ 2. Reena
✗ 3. Leena
✗ 4. Teena

Question ID : **948911202**
Option 1 ID : **948911805**
Option 2 ID : **948911806**
Option 3 ID : **948911807**
Option 4 ID : **948911808**
Status : **Answered**
Chosen Option : **2**

**Q.91** Five students are sitting in a row, Sunil is neither a neighbour of Aastha nor Shyam, Aastha is a neighbour of Shyam and she is on the left end of the row. Sunil is a neighbour of Manjeet, Manjeet is exactly in the middle of the row, and is not a neighbour of Amita. Who are the neighbours of Sunil?

Ans

  ✗ 1. Aastha and Manjeet

  ✗ 2. Shyam and Amita

  ✗ 3. Shyam and Manjeet

  ✓ 4. Manjeet and Amita

Question ID : **948911192**
Option 1 ID : **948911767**
Option 2 ID : **948911766**
Option 3 ID : **948911765**
Option 4 ID : **948911768**
Status : **Answered**
Chosen Option : **4**

**Q.92** Select the number from among the given options that can replace the question mark (?) in the following series.

69, 55, 26, 13, ?

Ans

  ✗ 1. 5

  ✗ 2. 2

  ✓ 3. 4

  ✗ 4. 3

Question ID : **948911187**
Option 1 ID : **948911746**
Option 2 ID : **948911747**
Option 3 ID : **948911745**
Option 4 ID : **948911748**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Q.93** Find the number of triangles in the diagram given below:
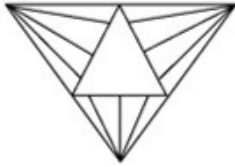


Ans ✔ 1. 32

✘ 2. 30

✘ 3. 29

✘ 4. 31

**Q.94** The positions of Deepti and Mohan in a row are 14$^{th}$ from the left and 9$^{th}$ from the right respectively. If they interchange their places, then Mohan will be 21$^{st}$ from the right, find the position of Deepti from the left now and the total number of persons in the row.

Ans ✔ 1. 26, 34

✘ 2. 24, 38

✘ 3. 33, 27

✘ 4. 34, 26

**Q.95** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All Roses are Red.

Some Red are Colours.

All Colours are Paints.

Conclusions:

I. Some Red are Paints.

II. All Red are Roses.

**Ans**    ✗ 1.  Only conclusion II follows.

✗ 2.  Both conclusion I and II follow.

✔ 3.  Only conclusion I follows.

✗ 4.  Neither conclusion I nor II follows.

**Q.96** Select the number that can replace the question mark (?) in the following series.

5, 10, 17, 26, ?

**Ans**    ✗ 1.  35

✗ 2.  36

✔ 3.  37

✗ 4.  34

**Q.97** Four different positions of a cube are shown in the figure. Which of the following colours is on the face opposite to the face that has black written on it?
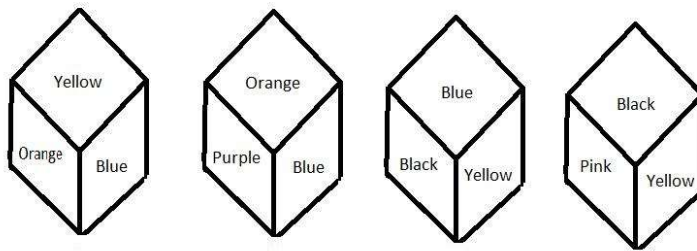


**Ans**

✗ 1. Purple

✓ 2. Orange

✗ 3. Blue

✗ 4. Pink

Question ID : **948911190**
Option 1 ID : **948911757**
Option 2 ID : **948911759**
Option 3 ID : **948911760**
Option 4 ID : **948911758**
Status : **Answered**
Chosen Option : **2**

**Q.98** Select the numbers that can replace the question marks (?) in the following series.

97, 86, 101, 89, 107, ?, ?

**Ans**

✗ 1. 84; 125

✗ 2. 121; 144

✗ 3. 114; 169

✓ 4. 94;115

Question ID : **948911184**
Option 1 ID : **948911733**
Option 2 ID : **948911735**
Option 3 ID : **948911736**
Option 4 ID : **948911734**
Status : **Answered**
Chosen Option : **4**

**Q.99** Four letter clusters have been given, out of which three are alike in some manner and one is different. Select the odd one.

Ans ✔ 1. MNPO

✘ 2. ACBD

✘ 3. IKJL

✘ 4. EGFH

Question ID : **948911181**
Option 1 ID : **948911724**
Option 2 ID : **948911721**
Option 3 ID : **948911723**
Option 4 ID : **948911722**
Status : **Answered**
Chosen Option : **1**

**Q.100** Four word-pairs have been given, out of which three are alike in some manner and one is different. Select the odd one.

Ans ✔ 1. Paper : note

✘ 2. Head : cap

✘ 3. Hand : glove

✘ 4. Gift : gift wrap

Question ID : **948911178**
Option 1 ID : **948911709**
Option 2 ID : **948911710**
Option 3 ID : **948911711**
Option 4 ID : **948911712**
Status : **Answered**
Chosen Option : **1**