# रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

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

| Participant ID | Join YouTube Channel |
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| Participant Name | Join YouTube Channel |
| Test Center Name | Koustav Digital Center |
| Test Date | 15/03/2021 |
| Test Time | 3:00 PM - 4:30 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** Which of the following statements is correct?

**Ans** ✗ 1. The 'Gandhi-Irwin Pact' was signed in 1926.

✔ 2. The Child Marriage Restraint Act was passed in 1929.

✗ 3. The Simon Commission arrived in India in 1932.

✗ 4. The Rowlatt Act was passed in 1909.

Question ID : **94891110520**
Option 1 ID : **94891142078**
Option 2 ID : **94891142080**
Option 3 ID : **94891142077**
Option 4 ID : **94891142079**
Status : **Answered**
Chosen Option : **2**

**Q.2** What will be the simple interest on ₹10,000 at 12% per annum for 5 years?

Ans  ✗ 1. ₹5,000

  ✔ 2. ₹6,000

  ✗ 3. ₹1,700

  ✗ 4. ₹500

Question ID : **94891110855**
Option 1 ID : **94891143417**
Option 2 ID : **94891143419**
Option 3 ID : **94891143420**
Option 4 ID : **94891143418**
Status : **Answered**
Chosen Option : **2**

**Q.3** The Padmanabha Swamy Temple is located in which city?

Ans  ✔ 1. Thiruvananthapuram

  ✗ 2. Madurai

  ✗ 3. Chennai

  ✗ 4. Mysuru

Question ID : **94891110510**
Option 1 ID : **94891142037**
Option 2 ID : **94891142039**
Option 3 ID : **94891142038**
Option 4 ID : **94891142040**
Status : **Answered**
Chosen Option : **1**

**Q.4** What is the value of $\cot(15°) - \tan(15°)$ ?

Ans  ✗ 1. $\dfrac{\sqrt{3}}{2}$

  ✗ 2. 2

  ✔ 3. $2\sqrt{3}$

  ✗ 4. 4

Question ID : **94891110869**
Option 1 ID : **94891143475**
Option 2 ID : **94891143476**
Option 3 ID : **94891143474**
Option 4 ID : **94891143473**
Status : **Answered**
Chosen Option : **3**

**Q.5** India has signed a MoU in 2019 with which country on cooperation in the field of geology and mineral resources and traditional systems of medicine and homeopathy?

Ans ✔ 1. Bolivia

✘ 2. Ireland

✘ 3. Namibia

✘ 4. Sri Lanka

Question ID : **94891110535**
Option 1 ID : **94891142140**
Option 2 ID : **94891142138**
Option 3 ID : **94891142139**
Option 4 ID : **94891142137**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Q.6** Which Indian state has never been slipped to President's rule?

Ans ✘ 1. Uttarakhand

✔ 2. Chattisgarh

✘ 3. Tamilnadu

✘ 4. Jharkhand

Question ID : **94891110527**
Option 1 ID : **94891142105**
Option 2 ID : **94891142107**
Option 3 ID : **94891142108**
Option 4 ID : **94891142106**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Q.7** The Chabahar port is located in:

Ans ✘ 1. Muscat

✘ 2. Afghanistan

✘ 3. Pakistan

✔ 4. Iran

Question ID : **94891110523**
Option 1 ID : **94891142091**
Option 2 ID : **94891142089**
Option 3 ID : **94891142090**
Option 4 ID : **94891142092**
Status : **Answered**
Chosen Option : **4**

**Q.8** Yash faced towards the west and moved 9 meters. Then he turned right and moved 10 meters. He took a left turn and ran 2 meters. Once again he turned left and moved 10 meters. Now in which direction is Yash facing?

Ans ✗ 1. West

✗ 2. North

✔ 3. South

✗ 4. East

Question ID : **94891110383**
Option 1 ID : **94891141531**
Option 2 ID : **94891141532**
Option 3 ID : **94891141530**
Option 4 ID : **94891141529**
Status : **Answered**
Chosen Option : **3**

**Q.9** The speed of a CPU can measured in _____.

Ans ✗ 1. Horsepower

✗ 2. Bits per second (Bps)

✔ 3. Megahertz (MHz)

✗ 4. Lux

Question ID : **94891110536**
Option 1 ID : **94891142144**
Option 2 ID : **94891142143**
Option 3 ID : **94891142142**
Option 4 ID : **94891142141**
Status : **Answered**
Chosen Option : **2**

**Q.10** The Champaran Satyagraha is related to the:

Ans ✗ 1. textile mills' strike

✗ 2. making of salt

✔ 3. indigo cultivation

✗ 4. leather production

Question ID : **94891110518**
Option 1 ID : **94891142071**
Option 2 ID : **94891142070**
Option 3 ID : **94891142072**
Option 4 ID : **94891142069**
Status : **Answered**
Chosen Option : **3**

**Q.11** -273.15°C temperature is equal to:

Ans  ✗ 1. 173 K
    ✗ 2. 23 K
    ✗ 3. 100 K
    ✓ 4. 0 K

Question ID : **94891110514**
Option 1 ID : **94891142056**
Option 2 ID : **94891142054**
Option 3 ID : **94891142055**
Option 4 ID : **94891142053**
Status : **Answered**
Chosen Option : **4**

**Q.12** By how much is $\frac{1}{6}$ th of 432 smaller than $\frac{3}{4}$ th of 216?

Ans  ✗ 1. 162
    ✗ 2. 72
    ✓ 3. 90
    ✗ 4. −90

Question ID : **94891110850**
Option 1 ID : **94891143397**
Option 2 ID : **94891143398**
Option 3 ID : **94891143399**
Option 4 ID : **94891143400**
Status : **Answered**
Chosen Option : **3**

**Q.13** Simplify the following.

$98 \div 7 + 7 \times 3 - 22$

Ans  ✓ 1. 13
    ✗ 2. −1
    ✗ 3. 4.9
    ✗ 4. −17

Question ID : **94891110844**
Option 1 ID : **94891143376**
Option 2 ID : **94891143373**
Option 3 ID : **94891143375**
Option 4 ID : **94891143374**
Status : **Answered**
Chosen Option : **1**

**Q.14** Which one of the following substances undergoes sublimation?

Ans ✗ 1. Nitrogen

✔ 2. Iodine

✗ 3. Sucrose

✗ 4. Calcium

**Q.15** Select the numbers from the given options that will come next in the following series.

2, 3, 5, 7, 11, 13, 17, ?, ?

Ans ✗ 1. 19, 21

✔ 2. 19, 23

✗ 3. 18, 19

✗ 4. 19, 25

**Q.16** If A : B = 2 : 3, B : C = 2 : 3 and C : D = 3 : 4, then A : D = ?

Ans ✗ 1. 3 : 1

✗ 2. 2 : 4

✔ 3. 1 : 3

✗ 4. 1 : 2

**Q.17** The term 'byte' was coined by:

Ans
- ✗ 1. Vint Cerf
- ✗ 2. Steve Jobs
- ✔ 3. Werner Buchholz
- ✗ 4. Larry Page

Question ID : **94891110538**
Option 1 ID : **94891142150**
Option 2 ID : **94891142151**
Option 3 ID : **94891142149**
Option 4 ID : **94891142152**
Status : **Answered**
Chosen Option : **3**

**Q.18** The Yellowstone National Park is located in:

Ans
- ✗ 1. Canada
- ✔ 2. USA
- ✗ 3. France
- ✗ 4. Spain

Question ID : **94891110526**
Option 1 ID : **94891142102**
Option 2 ID : **94891142101**
Option 3 ID : **94891142103**
Option 4 ID : **94891142104**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Q.19** Sunil and Kamal took loan of ₹40,000 each for 1 year 6 months from a moneylender who charged simple interest from Sunil @ 11% per annum and compound interest from Kamal @ 10% per annum compounded semi-annually. Who paid more interest and by what amount?

Ans
- ✗ 1. Kamal paid ₹195 more
- ✔ 2. Sunil paid ₹295 more
- ✗ 3. They paid equal interest
- ✗ 4. Kamal paid ₹305 more

Question ID : **94891110860**
Option 1 ID : **94891143437**
Option 2 ID : **94891143438**
Option 3 ID : **94891143440**
Option 4 ID : **94891143439**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Q.20** The PARAM 8000 supercomputer was released in which year?

Ans
- ✗ 1. 1988
- ✗ 2. 2003
- ✓ 3. 1991
- ✗ 4. 1996

Question ID : **94891110537**
Option 1 ID : **94891142145**
Option 2 ID : **94891142148**
Option 3 ID : **94891142146**
Option 4 ID : **94891142147**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Q.21** Who among the following used the safety valve theory and opined that the Indian National Congress was 'a product of the brain of Lord Dufferin'?

Ans
- ✗ 1. Mahatma Gandhi
- ✓ 2. Lala Lajpat Rai
- ✗ 3. Jawahar Lal Nehru
- ✗ 4. AO Hume

Question ID : **94891110519**
Option 1 ID : **94891142073**
Option 2 ID : **94891142074**
Option 3 ID : **94891142075**
Option 4 ID : **94891142076**
Status : **Answered**
Chosen Option : **4**

**Q.22** A shopkeeper incurred a loss of 10% by selling an item for ₹1,980. At what price (in ₹) should he sell that item to gain 15%?

Ans
- ✗ 1. 2,475
- ✗ 2. 2,193
- ✓ 3. 2,530
- ✗ 4. 2,005

Question ID : **94891110859**
Option 1 ID : **94891143433**
Option 2 ID : **94891143434**
Option 3 ID : **94891143436**
Option 4 ID : **94891143435**
Status : **Answered**
Chosen Option : **3**

**Q.23** The venue of Asian games in 2022 will be :

Ans
- ✗ 1. Suzhou
- ✔ 2. Hangzhou
- ✗ 3. Beijing
- ✗ 4. Guangzhou

Question ID : **94891110504**
Option 1 ID : **94891142016**
Option 2 ID : **94891142015**
Option 3 ID : **94891142013**
Option 4 ID : **94891142014**
Status : **Answered**
Chosen Option : **2**

**Q.24** Which one of the following is NOT correctly matched?

Ans
- ✗ 1. "Inquilab Zindabad"- Bhagat Singh
- ✗ 2.
  "Give me blood and I will give you freedom"- Subhash Chandra Bose
- ✔ 3. " Do or Die" – Lala Lajpat Rai
- ✗ 4. "Swaraj is my birth right" – Bal Gangadhar Tilak

Question ID : **94891110517**
Option 1 ID : **94891142068**
Option 2 ID : **94891142067**
Option 3 ID : **94891142066**
Option 4 ID : **94891142065**
Status : **Answered**
Chosen Option : **3**

**Q.25** Select the term that will come next in the following series.

A4C, D9G, I16M, P25U, ?

Ans
- ✗ 1. Y36Z
- ✗ 2. X36D
- ✔ 3. Y36E
- ✗ 4. W36Z

Question ID : **94891110388**
Option 1 ID : **94891141549**
Option 2 ID : **94891141552**
Option 3 ID : **94891141550**
Option 4 ID : **94891141551**
Status : **Answered**
Chosen Option : **3**

**Q.26** If cos x − 3sin x = $\sqrt{3}$ sin x, then the value of tan x is:

Ans

✔ 1. $\dfrac{3 - \sqrt{3}}{6}$

✘ 2. $3 - \sqrt{3}$

✘ 3. $\sqrt{3}$

✘ 4. $3 + \sqrt{3}$

Question ID : **94891110873**
Option 1 ID : **94891143492**
Option 2 ID : **94891143490**
Option 3 ID : **94891143489**
Option 4 ID : **94891143491**
Status : **Answered**
Chosen Option : **1**

**Q.27** NABARD came into existence in:

Ans ✘ 1. 1990

✔ 2. 1982

✘ 3. 1977

✘ 4. 2001

Question ID : **94891110543**
Option 1 ID : **94891142171**
Option 2 ID : **94891142170**
Option 3 ID : **94891142169**
Option 4 ID : **94891142172**
Status : **Answered**
Chosen Option : **2**

**Q.28** Rashi is the daughter of the mother-in-law of Rahul. How is Rashi related to Rahul?

Ans ✘ 1. Mother

✘ 2. Sister

✔ 3. Wife

✘ 4. Mother's Sister

Question ID : **94891110398**
Option 1 ID : **94891141589**
Option 2 ID : **94891141590**
Option 3 ID : **94891141592**
Option 4 ID : **94891141591**
Status : **Answered**
Chosen Option : **3**

**Q.29** A retailer buys a bag containing 54 kg oranges at ₹25 per kg. Later upon sorting he finds that 4 kg oranges are rotten, he throws them and sells the remaining ones at ₹36 per kg. Find his profit percent.

Ans
✗ 1. 25%

✗ 2. 30%

✔ 3. $33\frac{1}{3}$ %

✗ 4. 40%

Question ID : **94891110858**
Option 1 ID : **94891143432**
Option 2 ID : **94891143431**
Option 3 ID : **94891143430**
Option 4 ID : **94891143429**
Status : **Answered**
Chosen Option : **3**

**Q.30** Which one of the following is a member of BIMSTEC?

Ans
✔ 1. Sri Lanka

✗ 2. Vietnam

✗ 3. Laos

✗ 4. Cambodia

Question ID : **94891110505**
Option 1 ID : **94891142019**
Option 2 ID : **94891142018**
Option 3 ID : **94891142020**
Option 4 ID : **94891142017**
Status : **Answered**
Chosen Option : **1**

**Q.31** Select the number that will come next in the following series.

1, 1, 1, 2, 4, 8, 3, 9, 27, 4, 16, ?

Ans
✗ 1. 49

✗ 2. 54

✔ 3. 64

✗ 4. 32

Question ID : **94891110400**
Option 1 ID : **94891141598**
Option 2 ID : **94891141599**
Option 3 ID : **94891141600**
Option 4 ID : **94891141597**
Status : **Answered**
Chosen Option : **3**

**Q.32** Which one of the following books is authored by Maulana Abul Kalam Azad?

Ans ✔ 1. India Wins Freedom

✘ 2. God of Small Things

✘ 3. Wings of Fire

✘ 4. We the people

Question ID : **94891110509**
Option 1 ID : **94891142036**
Option 2 ID : **94891142034**
Option 3 ID : **94891142035**
Option 4 ID : **94891142033**
Status : **Answered**
Chosen Option : **1**

**Q.33** The descending order of the fractions $\frac{2}{3}, \frac{1}{6}, \frac{1}{5}, \frac{3}{7}$ is:

Ans ✘ 1. $\frac{3}{7}, \frac{2}{3}, \frac{1}{6}, \frac{1}{5}$

✘ 2. $\frac{3}{7}, \frac{1}{6}, \frac{1}{5}, \frac{2}{3}$

✔ 3. $\frac{2}{3}, \frac{3}{7}, \frac{1}{5}, \frac{1}{6}$

✘ 4. $\frac{1}{6}, \frac{1}{5}, \frac{3}{7}, \frac{2}{3}$

Question ID : **94891110846**
Option 1 ID : **94891143383**
Option 2 ID : **94891143384**
Option 3 ID : **94891143382**
Option 4 ID : **94891143381**
Status : **Answered**
Chosen Option : **3**

**Q.34** Which one of the following statements is NOT correct?

Ans ✔ 1. Solar system is 2.3 billion years old.

✘ 2. Planet Jupiter has maximum satellites in the solar system.

✘ 3. Planet Mercury is closest to the Sun.

✘ 4. Planet Venus has no natural satellite.

Question ID : **94891110524**
Option 1 ID : **94891142093**
Option 2 ID : **94891142096**
Option 3 ID : **94891142095**
Option 4 ID : **94891142094**
Status : **Answered**
Chosen Option : **2**

**Q.35** What was the name of the judge who presided over the trial of Mahatma Gandhi after the Non-Cooperation Movement?

Ans
✗ 1. Justice Harold Blacker
✓ 2. Justice CN Broomfield
✗ 3. Justice Adam Bittleston
✗ 4. Justice Abdur Rahim

Question ID : **94891110521**
Option 1 ID : **94891142083**
Option 2 ID : **94891142082**
Option 3 ID : **94891142081**
Option 4 ID : **94891142084**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Q.36** Golconda Fort is situated in which Indian state?

Ans
✗ 1. Karnataka
✗ 2. Maharashtra
✗ 3. Odisha
✓ 4. Telangana

Question ID : **94891110508**
Option 1 ID : **94891142032**
Option 2 ID : **94891142029**
Option 3 ID : **94891142031**
Option 4 ID : **94891142030**
Status : **Answered**
Chosen Option : **4**

**Q.37** Which one of the following is an anti-tank guided missile?

Ans
✗ 1. Akash
✗ 2. Trishul
✗ 3. Prithvi
✓ 4. Nag

Question ID : **94891110532**
Option 1 ID : **94891142126**
Option 2 ID : **94891142127**
Option 3 ID : **94891142128**
Option 4 ID : **94891142125**
Status : **Answered**
Chosen Option : **4**

**Q.38** Anupam and Vineet standing together started running in opposite direction on 2 km long circular racing track. They ran at the speeds of 9 km/h and 11 km/h respectively. After how much time will they meet on the track?

Ans ✔ 1. 6 min

✘ 2. 12 min

✘ 3. 10 min

✘ 4. 20 min

Question ID : **94891110862**
Option 1 ID : **94891143446**
Option 2 ID : **94891143447**
Option 3 ID : **94891143445**
Option 4 ID : **94891143448**
Status : **Answered**
Chosen Option : **1**

**Q.39** Who of the following has won maximum medals in Olympics?

Ans ✔ 1. Michael Phelps

✘ 2. Birgit Fischer

✘ 3. Larisa Latynina

✘ 4. Mark Spitz

Question ID : **94891110507**
Option 1 ID : **94891142026**
Option 2 ID : **94891142027**
Option 3 ID : **94891142028**
Option 4 ID : **94891142025**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Q.40** Simplify the following.

$$\left(\frac{\tan 40°}{\csc 50°}\right)^2 + \left(\frac{\cot 40°}{\sec 50°}\right)^2$$

Ans ✘ 1. 0

✘ 2. 2

✘ 3. 4

✔ 4. 1

Question ID : **94891110870**
Option 1 ID : **94891143477**
Option 2 ID : **94891143479**
Option 3 ID : **94891143480**
Option 4 ID : **94891143478**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Q.41** A man can complete a work in 20 days and a woman can complete the same work in 45 days. In how many days 2 men and 3 women can complete the same work?

Ans
✗ 1. 13 days

✓ 2. 6 days

✗ 3. 5 days

✗ 4. 25 days

Question ID : **94891110861**
Option 1 ID : **94891143444**
Option 2 ID : **94891143443**
Option 3 ID : **94891143441**
Option 4 ID : **94891143442**
Status : **Answered**
Chosen Option : **2**

**Q.42** The SHREYAS programme was launched to speed up the process of _____.

Ans
✓ 1. providing industry-specific apprenticeship opportunities

✗ 2. increasing literacy

✗ 3. providing sports facilities

✗ 4. making students politically active

Question ID : **94891110541**
Option 1 ID : **94891142163**
Option 2 ID : **94891142161**
Option 3 ID : **94891142164**
Option 4 ID : **94891142162**
Status : **Answered**
Chosen Option : **1**

**Q.43** The Kakrapar Atomic Power Station is located in:

Ans
✓ 1. Gujarat

✗ 2. Tamilnadu

✗ 3. Karnataka

✗ 4. Kerala

Question ID : **94891110531**
Option 1 ID : **94891142121**
Option 2 ID : **94891142123**
Option 3 ID : **94891142122**
Option 4 ID : **94891142124**
Status : **Answered**
Chosen Option : **1**

**Q.44** Select the option that is related to the third number in the same way as the second number is related to the first number.

89 : 178 :: 90 : ?

Ans ❌ 1. 270

✅ 2. 180

❌ 3. 45

❌ 4. 170

Question ID : **94891110387**
Option 1 ID : **94891141548**
Option 2 ID : **94891141545**
Option 3 ID : **94891141546**
Option 4 ID : **94891141547**
Status : **Answered**
Chosen Option : **2**

**Q.45** In a certain code language 'X' is written as 7, 'P' is written as 9, 'Z' is written as 6, 'M' is written as 5, 'L' is written as 3 and 'D' is written as 2. How will 'PLDXMZ' be written as in that language?

Ans ❌ 1. 952736

❌ 2. 937526

✅ 3. 932756

❌ 4. 923576

Question ID : **94891110380**
Option 1 ID : **94891141518**
Option 2 ID : **94891141517**
Option 3 ID : **94891141520**
Option 4 ID : **94891141519**
Status : **Answered**
Chosen Option : **3**

**Q.46** Consider the given statement and decide which of the given assumptions is implicit in the statement.

**Statement:**

The fundamental duties in Article 51A of the Indian Constitution obligates all citizens of the country.

**Assumptions:**

1. Without Constitutional obligations no Indian will be a good citizen.

2. Including Fundamental Duties in the Constitution is the only way to ensure that all citizens will fulfil them.

Ans ✅ 1. Neither assumption 1 nor 2 is implicit.

❌ 2. Only assumption 1 is implicit.

❌ 3. Only assumption 2 is implicit.

❌ 4. Either assumption 1 or 2 is implicit.

Question ID : **94891110399**
Option 1 ID : **94891141596**
Option 2 ID : **94891141593**
Option 3 ID : **94891141594**
Option 4 ID : **94891141595**
Status : **Answered**
Chosen Option : **1**

**Q.47** If polynomials $4x^3 + ax^2 - 3x + 1$ and $x^4 + x^3 - x^2 + 6$ leave the same remainder when each is divided by (x+1), then the value of a is:

Ans  ✗ 1. −1

✗ 2. 9

✗ 3. 4

✓ 4. 5

Question ID : **94891110867**
Option 1 ID : **94891143468**
Option 2 ID : **94891143466**
Option 3 ID : **94891143465**
Option 4 ID : **94891143467**
Status : **Answered**
Chosen Option : **2**

**Q.48** Select the number that can replace the question mark (?) in the following series.

5, 7, 11, ?, 35, 67

Ans  ✗ 1. 17

✓ 2. 19

✗ 3. 24

✗ 4. 28

Question ID : **94891110385**
Option 1 ID : **94891141537**
Option 2 ID : **94891141538**
Option 3 ID : **94891141539**
Option 4 ID : **94891141540**
Status : **Answered**
Chosen Option : **2**

**Q.49** 40% of the first number is 12 and 50% of the second number is 24. The ratio of the first number to the second number is:

Ans  ✗ 1. 4 : 5

✗ 2. 8 : 5

✗ 3. 1 : 2

✓ 4. 5 : 8

Question ID : **94891110857**
Option 1 ID : **94891143426**
Option 2 ID : **94891143425**
Option 3 ID : **94891143427**
Option 4 ID : **94891143428**
Status : **Answered**
Chosen Option : **4**

**Q.50** Which Indian actress has been appointed by UN Secretary-General Antonio Guterres as the new advocate for the UN's ambitious Sustainable Development Goals in 2019?

**Ans**
- ✗ 1. Gauri Khan
- ✗ 2. Aishwarya Rai
- ✓ 3. Dia Mirza
- ✗ 4. Sushmita Sen

Question ID : **94891110534**
Option 1 ID : **94891142136**
Option 2 ID : **94891142134**
Option 3 ID : **94891142133**
Option 4 ID : **94891142135**
Status : **Answered**
Chosen Option : **2**

**Q.51** Simplify the following.

$$\frac{0.0625}{0.05}$$

**Ans**
- ✓ 1. 1.25
- ✗ 2. 125
- ✗ 3. 0.0125
- ✗ 4. 0.125

Question ID : **94891110845**
Option 1 ID : **94891143380**
Option 2 ID : **94891143378**
Option 3 ID : **94891143377**
Option 4 ID : **94891143379**
Status : **Answered**
Chosen Option : **1**

**Q.52** On which date did Jawahar Lal Nehru introduce the 'Objectives Resolution' in the Constituent Assembly?

**Ans**
- ✗ 1. 13$^{th}$ December, 1947
- ✓ 2. 13$^{th}$ December, 1946
- ✗ 3. 13$^{th}$ December, 1949
- ✗ 4. 13$^{th}$ December, 1948

Question ID : **94891110528**
Option 1 ID : **94891142110**
Option 2 ID : **94891142109**
Option 3 ID : **94891142112**
Option 4 ID : **94891142111**
Status : **Answered**
Chosen Option : **2**

**Q.53** If the angles of a triangle are in the ratio 4 : 5 : 6, find the smallest angle (in °).

Ans    ✔ 1. 48

      ✘ 2. 36

      ✘ 3. 24

      ✘ 4. 60

Question ID : **94891110872**
Option 1 ID : **94891143487**
Option 2 ID : **94891143486**
Option 3 ID : **94891143485**
Option 4 ID : **94891143488**
Status : **Answered**
Chosen Option : **1**

**Q.54** What is the SI unit of pressure?

Ans    ✘ 1. Radian

      ✔ 2. Pascal

      ✘ 3. Steradian

      ✘ 4. Ampere

Question ID : **94891110516**
Option 1 ID : **94891142063**
Option 2 ID : **94891142061**
Option 3 ID : **94891142064**
Option 4 ID : **94891142062**
Status : **Answered**
Chosen Option : **2**

**Q.55** A wheel completes 21000 revolutions covering a distance of 66 km. Find the radius of the wheel.

Ans    ✘ 1. 1 m

      ✘ 2. 2 m

      ✘ 3. $\frac{1}{2}$ km

      ✔ 4. $\frac{1}{2}$ m

Question ID : **94891110866**
Option 1 ID : **94891143464**
Option 2 ID : **94891143463**
Option 3 ID : **94891143461**
Option 4 ID : **94891143462**
Status : **Answered**
Chosen Option : **4**

**Q.56** With whom is the Statement of Intent (SOI) signed by NITI Aayog as part of the Atal Innovation Mission to open the Digital Disha Programme?

Ans
✔ 1. Adobe
✘ 2. Google
✘ 3. Microsoft
✘ 4. Facebook

Question ID : **94891110542**
Option 1 ID : **94891142165**
Option 2 ID : **94891142166**
Option 3 ID : **94891142167**
Option 4 ID : **94891142168**
Status : **Answered**
Chosen Option : **2**

**Q.57** The mean of the squares of first ten natural numbers is:

Ans
✔ 1. $\dfrac{77}{2}$
✘ 2. 385
✘ 3. 231
✘ 4. $\dfrac{11}{2}$

Question ID : **94891110871**
Option 1 ID : **94891143481**
Option 2 ID : **94891143482**
Option 3 ID : **94891143484**
Option 4 ID : **94891143483**
Status : **Answered**
Chosen Option : **1**

**Q.58** Which one of the following Indian wrestlers has NOT won an Olympic medal?

Ans
✔ 1. Geeta Phogat
✘ 2. Sakshi Malik
✘ 3. Yogeshwar Dutt
✘ 4. Sushil Kumar

Question ID : **94891110506**
Option 1 ID : **94891142024**
Option 2 ID : **94891142022**
Option 3 ID : **94891142023**
Option 4 ID : **94891142021**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Q.59** If

$190 = 101$

$191 = 122$

$192 = 145$

$193 = 170$

$194 = ?$

Then, what number will replace the question mark?

Ans ✗ 1. 192

✗ 2. 195

✔ 3. 197

✗ 4. 193

**Q.60** Which of the following equations represent a line parallel to y-axis?

Ans ✗ 1. $y = 3$

✔ 2. $x + 3 = 4 - 2x$

✗ 3. $2x + y = 0$

✗ 4. $y - 2 = 1$

**Q.61** If the mean of six observations 5, 7, 9, α, 11 and 12 is 9, then the value of α is :

Ans ✗ 1. 12

✗ 2. 15

✗ 3. 16

✓ 4. 10

Question ID : **94891110868**
Option 1 ID : **94891143470**
Option 2 ID : **94891143471**
Option 3 ID : **94891143472**
Option 4 ID : **94891143469**
Status : **Answered**
Chosen Option : **4**

**Q.62** Fullerene is an allotropic form of:

Ans ✗ 1. Nitrogen

✗ 2. Oxygen

✗ 3. Hydrogen

✓ 4. Carbon

Question ID : **94891110511**
Option 1 ID : **94891142043**
Option 2 ID : **94891142042**
Option 3 ID : **94891142041**
Option 4 ID : **94891142044**
Status : **Answered**
Chosen Option : **4**

**Q.63** Select the combination of letters that when sequentially placed in the blanks will create a repetitive pattern.

pq _ ppq _ ppq _ pp _ pp

Ans ✓ 1. pppq

✗ 2. pqpq

✗ 3. qppp

✗ 4. pqqp

Question ID : **94891110384**
Option 1 ID : **94891141535**
Option 2 ID : **94891141533**
Option 3 ID : **94891141534**
Option 4 ID : **94891141536**
Status : **Answered**
Chosen Option : **1**

**Q.64** LCM of 14, 21, 25 and 70 is:

Ans
✗ 1. 105
✗ 2. 75
✗ 3. 210
✓ 4. 1050

Question ID : **94891110847**
Option 1 ID : **94891143388**
Option 2 ID : **94891143385**
Option 3 ID : **94891143386**
Option 4 ID : **94891143387**
Status : **Answered**
Chosen Option : **4**

**Q.65** Simplify the following.

$(225 \div 25 - 10) \times 5 + 2 - 7 \times 3$

Ans
✓ 1. −24
✗ 2. 84
✗ 3. 0
✗ 4. 56

Question ID : **94891110849**
Option 1 ID : **94891143394**
Option 2 ID : **94891143395**
Option 3 ID : **94891143396**
Option 4 ID : **94891143393**
Status : **Answered**
Chosen Option : **1**

**Q.66** Which one of the following statements is NOT correct?

Ans
✗ 1.
The stapes in the middle ear is the smallest bone of the human skeleton.

✓ 2. The human vertebral column has 38 vertebrae.

✗ 3. Bone marrow produces red blood cells in the human body.

✗ 4. Appendix is a vestigial organ in the human body.

Question ID : **94891110513**
Option 1 ID : **94891142049**
Option 2 ID : **94891142051**
Option 3 ID : **94891142052**
Option 4 ID : **94891142050**
Status : **Answered**
Chosen Option : **2**

**Q.67** Which one of the following is NOT correctly matched?

Ans ✗ 1. Smallpox vaccine – Edward Jenner

✗ 2. Penicillin – Alexander Fleming

✔ 3. Telephone – John Logie Baird

✗ 4. Electric bulb – Thomas Alva Edison

Question ID : **94891110530**
Option 1 ID : **94891142117**
Option 2 ID : **94891142120**
Option 3 ID : **94891142118**
Option 4 ID : **94891142119**
Status : **Answered**
Chosen Option : **3**

**Q.68** If $a^{2x} = b, b^{2y} = c, c^{2z} = a$ then the value of xyz is:

Ans ✗ 1. 1

✗ 2. 8

✗ 3. 0

✔ 4. $\dfrac{1}{8}$

Question ID : **94891110853**
Option 1 ID : **94891143412**
Option 2 ID : **94891143411**
Option 3 ID : **94891143409**
Option 4 ID : **94891143410**
Status : **Answered**
Chosen Option : **4**

**Q.69** Solve the following.

$$\frac{\sqrt{196}}{7} \times \frac{\sqrt{441}}{7} \times \frac{120}{\sqrt{225}} = ?$$

Ans ✗ 1. 54

✗ 2. 58

✗ 3. 84

✔ 4. 48

Question ID : **94891110851**
Option 1 ID : **94891143401**
Option 2 ID : **94891143404**
Option 3 ID : **94891143402**
Option 4 ID : **94891143403**
Status : **Answered**
Chosen Option : **4**

**Q.70** A and B together can complete a task in 36 days. If B stops working after 30 days, the task will be completed in total 40 days. A alone can complete the task in:

**Ans**
✔ 1. 60 days

✘ 2. 10 days

✘ 3. 50 days

✘ 4. 66 days

Question ID : **94891110863**
Option 1 ID : **94891143451**
Option 2 ID : **94891143452**
Option 3 ID : **94891143449**
Option 4 ID : **94891143450**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Q.71** Which of the following is the ore of lead?

**Ans**
✘ 1. Bauxite

✘ 2. Pyrolusite

✔ 3. Galena

✘ 4. Lemonite

Question ID : **94891110525**
Option 1 ID : **94891142097**
Option 2 ID : **94891142100**
Option 3 ID : **94891142098**
Option 4 ID : **94891142099**
Status : **Answered**
Chosen Option : **3**

**Q.72** A number when multiplied by $\frac{6}{5}$ gives $\frac{108}{125}$. The number is:

Ans

✔ 1. $\frac{18}{25}$

✘ 2. $\frac{625}{648}$

✘ 3. $\frac{648}{625}$

✘ 4. $\frac{25}{18}$

Question ID : **94891110848**
Option 1 ID : **94891143390**
Option 2 ID : **94891143389**
Option 3 ID : **94891143392**
Option 4 ID : **94891143391**
Status : **Answered**
Chosen Option : **1**

**Q.73** Article 21 of the Constitution of India deals with which of the following options?

Ans

✘ 1. Abolishment of untouchability

✘ 2. Imposition of President's rule in states

✔ 3. Personal liberty

✘ 4. Free and compulsory education

Question ID : **94891110529**
Option 1 ID : **94891142114**
Option 2 ID : **94891142116**
Option 3 ID : **94891142115**
Option 4 ID : **94891142113**
Status : **Answered**
Chosen Option : **4**

**Q.74** Which institute brought out the second edition of the sign language dictionary in India?

Ans

✘ 1. NISHA

✘ 2. IVRI

✔ 3. ISLRTC

✘ 4. AYJNISHD

Question ID : **94891110539**
Option 1 ID : **94891142155**
Option 2 ID : **94891142153**
Option 3 ID : **94891142156**
Option 4 ID : **94891142154**
Status : **Not Attempted and Marked For Review**
Chosen Option : **--**

**Q.75** If the perimeter and area of a square are numerically equal then the side of the square is:

Ans  ✔ 1. 4 units

✘ 2. 2 units

✘ 3. 1 unit

✘ 4. 16 units

Question ID : **94891110864**
Option 1 ID : **94891143454**
Option 2 ID : **94891143456**
Option 3 ID : **94891143455**
Option 4 ID : **94891143453**
Status : **Answered**
Chosen Option : **1**

**Q.76** The headquarters of Bharat Electronics Limited is located at:

Ans  ✘ 1. Chennai

✔ 2. Bengaluru

✘ 3. Mumbai

✘ 4. New Delhi

Question ID : **94891110540**
Option 1 ID : **94891142160**
Option 2 ID : **94891142158**
Option 3 ID : **94891142159**
Option 4 ID : **94891142157**
Status : **Answered**
Chosen Option : **2**

**Q.77** Find the greatest number that divides 58, 75, and 97 leaving 4, 3 and 7 respectively as remainders.

Ans  ✘ 1. 14

✔ 2. 18

✘ 3. 34

✘ 4. 2

Question ID : **94891110852**
Option 1 ID : **94891143405**
Option 2 ID : **94891143406**
Option 3 ID : **94891143408**
Option 4 ID : **94891143407**
Status : **Answered**
Chosen Option : **2**

**Q.78** Umesh and Kapil donated ₹750 and ₹975 respectively. The ratio of the amount of donation by Umesh to that by Kapil is:

**Ans**
   ✗ 1. 1 : 3

   ✔ 2. 10 : 13

   ✗ 3. 13 : 10

   ✗ 4. 3 : 1

**Q.79** 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:**

1. Bird is not fish.

2. All fish are dogs.

**Conclusions:**

1. All dogs are fish.
2. All birds are dogs.

**Ans**
   ✗ 1. Only conclusion 2 follows

   ✔ 2. Neither conclusions 1 nor 2 follows

   ✗ 3. Both conclusions 1 and 2 follow

   ✗ 4. Only conclusion 1 follows

**Q.80** Four ranks have been given, out of which three are alike in some manner and one is different. Select the odd one.

Ans ✗ 1. General

✗ 2. Colonel

✗ 3. Brigadier

✔ 4. Admiral

Question ID : **94891110401**
Option 1 ID : **94891141601**
Option 2 ID : **94891141603**
Option 3 ID : **94891141602**
Option 4 ID : **94891141604**
Status : **Answered**
Chosen Option : **3**

**Q.81** Which one of the following Indian states does NOT share boundary with Maharashtra?

Ans ✔ 1. Odisha

✗ 2. Karnataka

✗ 3. Chhattisgarh

✗ 4. Telangana

Question ID : **94891110522**
Option 1 ID : **94891142086**
Option 2 ID : **94891142088**
Option 3 ID : **94891142085**
Option 4 ID : **94891142087**
Status : **Answered**
Chosen Option : **1**

**Q.82** Asexual reproduction as in the case of amoeba in which an animal reproduces by dividing into two individuals is called:

Ans ✗ 1. transverse fission

✗ 2. longitudinal fission

✗ 3. simple fission

✔ 4. binary fission

Question ID : **94891110512**
Option 1 ID : **94891142046**
Option 2 ID : **94891142045**
Option 3 ID : **94891142047**
Option 4 ID : **94891142048**
Status : **Answered**
Chosen Option : **4**

**Q.83** In which country was the UN Climate Change Conference COP 25 2019 held?

Ans  ✗ 1. Chile

✓ 2. Spain

✗ 3. Austria

✗ 4. Norway

Question ID : **94891110533**
Option 1 ID : **94891142130**
Option 2 ID : **94891142132**
Option 3 ID : **94891142131**
Option 4 ID : **94891142129**
Status : **Answered**
Chosen Option : **4**

**Q.84** Select the letter that will come next in the following series.

A, C, F, J, O, ?

Ans  ✓ 1. U

✗ 2. T

✗ 3. Q

✗ 4. S

Question ID : **94891110386**
Option 1 ID : **94891141543**
Option 2 ID : **94891141544**
Option 3 ID : **94891141541**
Option 4 ID : **94891141542**
Status : **Answered**
Chosen Option : **1**

**Q.85** Select the option that is related to the third term in the same way as the second term is related to the first term.

Doctor : Patient : : Teacher : ?

Ans  ✓ 1. Student

✗ 2. Principal

✗ 3. School

✗ 4. Parents

Question ID : **94891110374**
Option 1 ID : **94891141495**
Option 2 ID : **94891141493**
Option 3 ID : **94891141496**
Option 4 ID : **94891141494**
Status : **Answered**
Chosen Option : **1**

**Q.86** A, B, C, D, E and F are six boys in a class. B is heavier than D but taller than A. A is heavier than B. D and E are shorter than A but heavier than F. C is shorter than B but taller than F.

Who among them is the tallest?

Ans
  ✗ 1. E

  ✗ 2. D

  ✗ 3. F

  ✔ 4. B

Question ID : **94891110389**
Option 1 ID : **94891141554**
Option 2 ID : **94891141553**
Option 3 ID : **94891141555**
Option 4 ID : **94891141556**
Status : **Answered**
Chosen Option : **4**

**Q.87** Arrange the following words in the order in which they appear in an English dictionary.

1. Bird

2. Birth

3. Brow

4. Bat

5. Blow

Ans
  ✗ 1. 41523

  ✗ 2. 45321

  ✗ 3. 43215

  ✔ 4. 41253

Question ID : **94891110390**
Option 1 ID : **94891141557**
Option 2 ID : **94891141559**
Option 3 ID : **94891141560**
Option 4 ID : **94891141558**
Status : **Answered**
Chosen Option : **4**

**Q.88** If B = 6, T = 4, Q = 8 and R = 24, then R × T ÷ Q + T = ?

Ans ✔ 1. 16

✘ 2. 36

✘ 3. 52

✘ 4. 8

Question ID : **94891110391**
Option 1 ID : **94891141562**
Option 2 ID : **94891141561**
Option 3 ID : **94891141564**
Option 4 ID : **94891141563**
Status : **Answered**
Chosen Option : **1**

**Q.89** Read the given information carefully and answer the question that follows.

Seven persons Mohit, Niraj, Jaya, Kavi, Amit, Kirti and Suman, are sitting around a circular table facing away from the centre. Amit is sitting second to the right of Suman. Kavi is sitting to the immediate right of Mohit. Niraj is sitting between Jaya and Amit.

Who is sitting to the immediate right of Suman?

Ans ✘ 1. Amit

✔ 2. Kirti

✘ 3. Kavi

✘ 4. Mohit

Question ID : **94891110392**
Option 1 ID : **94891141565**
Option 2 ID : **94891141568**
Option 3 ID : **94891141566**
Option 4 ID : **94891141567**
Status : **Answered**
Chosen Option : **2**

**Q.90** Read the given information carefully and answer the question that follows.

Akash and Puru are good in English and Hindi. Sumit and Akash are good in Hindi and Economics. Sumit, Aryan and Mayank are good in Economics and Botany. Mayank and Sumit are good in Economics and Zoology. Aryan and Puru are good in Botany and English.

Who is good in English, Hindi and Botany?

Ans ✔ 1. Puru

✘ 2. Sumit

✘ 3. Aryan

✘ 4. Akash

Question ID : **94891110397**
Option 1 ID : **94891141586**
Option 2 ID : **94891141588**
Option 3 ID : **94891141587**
Option 4 ID : **94891141585**
Status : **Not Answered**
Chosen Option : **--**

**Q.91** Select the option that is related to the first term in the same way as the fourth term is related to the third term.

Warrior : ? : : Sculptor : Chisel

Ans
✗ 1. King
✗ 2. Horse
✔ 3. Sword
✗ 4. War

Question ID : **94891110378**
Option 1 ID : **94891141511**
Option 2 ID : **94891141510**
Option 3 ID : **94891141509**
Option 4 ID : **94891141512**
Status : **Answered**
Chosen Option : **4**

**Q.92** In a certain code language FORMATION is written as ZPXTJOBPL and RACIAL is written as XJNBJQ. How will RATIONAL be written as in that language?

Ans
✔ 1. XJOBPLJQ
✗ 2. JXOBPLJQ
✗ 3. XJOBPJLQ
✗ 4. JXOBPJLQ

Question ID : **94891110379**
Option 1 ID : **94891141514**
Option 2 ID : **94891141515**
Option 3 ID : **94891141516**
Option 4 ID : **94891141513**
Status : **Answered**
Chosen Option : **1**

**Q.93** Select the option that is related to the third term in the same way as the second term is related to the first term.

Flying : Bird : : Creeping : ?

Ans
✗ 1. Fruit
✗ 2. Aeroplane
✔ 3. Snail
✗ 4. Ground

Question ID : **94891110377**
Option 1 ID : **94891141505**
Option 2 ID : **94891141508**
Option 3 ID : **94891141506**
Option 4 ID : **94891141507**
Status : **Answered**
Chosen Option : **3**

**Q.94** Select the option that is related to the third term in the same way as the second term is related to the first term.

Wallet : Money : : Pendrive : ?

**Ans**
&#10007; 1. Pocket

&#10007; 2. Computer

&#10004; 3. Data

&#10007; 4. Storage

Question ID : **94891110376**
Option 1 ID : **94891141504**
Option 2 ID : **94891141501**
Option 3 ID : **94891141503**
Option 4 ID : **94891141502**
Status : **Answered**
Chosen Option : **3**

**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:**

1. All teachers are philosophers.

2. All philosophers are mathematicians.

**Conclusions:**

1. All philosophers are teachers.

2. Some mathematicians are philosophers.

**Ans**
&#10004; 1. Only conclusion 2 follows

&#10007; 2. Only conclusion 1 follows

&#10007; 3. Neither conclusions 1 nor 2 follows

&#10007; 4. Both conclusions 1 and 2 follow

Question ID : **94891110382**
Option 1 ID : **94891141526**
Option 2 ID : **94891141525**
Option 3 ID : **94891141527**
Option 4 ID : **94891141528**
Status : **Answered**
Chosen Option : **1**

**Q.96** Four names have been given, out of which three are alike in some manner and one is different. Select the odd one.

**Ans**

✗ 1. Rajdhani Express

✔ 2. Milan Rath Express

✗ 3. Shatabdi Express

✗ 4. Garib Rath Express

Question ID : **94891110393**
Option 1 ID : **94891141571**
Option 2 ID : **94891141570**
Option 3 ID : **94891141569**
Option 4 ID : **94891141572**
Status : **Answered**
Chosen Option : **2**

**Q.97** In a certain code language, 'Teachers and Students' is written as 'ANB', 'Principal live in School' is written as 'CLD', 'Students go School' is written as 'CRB' and 'Teachers live in Community' is written as LAF. How will 'Principal' be written as in that language?

**Ans**

✗ 1. C

✗ 2. R

✔ 3. D

✗ 4. N

Question ID : **94891110375**
Option 1 ID : **94891141499**
Option 2 ID : **94891141500**
Option 3 ID : **94891141498**
Option 4 ID : **94891141497**
Status : **Answered**
Chosen Option : **3**

**Q.98** Six friends - A, B, C, D, E, F - sit in a circle facing the centre. A sits beside B and faces C. B is between A and D. D is facing F. Who is sitting between F and C?

**Ans**

✗ 1. A

✗ 2. B

✔ 3. E

✗ 4. D

Question ID : **94891110396**
Option 1 ID : **94891141583**
Option 2 ID : **94891141582**
Option 3 ID : **94891141581**
Option 4 ID : **94891141584**
Status : **Answered**
Chosen Option : **3**

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

Ans
✔ 1. Degree
✘ 2. College
✘ 3. Polytechnic
✘ 4. School

Question ID : **94891110395**
Option 1 ID : **94891141577**
Option 2 ID : **94891141579**
Option 3 ID : **94891141580**
Option 4 ID : **94891141578**
Status : **Answered**
Chosen Option : **1**

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

Ans
✘ 1. CRPF
✘ 2. BSF
✔ 3. NDA
✘ 4. ITBP

Question ID : **94891110394**
Option 1 ID : **94891141574**
Option 2 ID : **94891141573**
Option 3 ID : **94891141575**
Option 4 ID : **94891141576**
Status : **Answered**
Chosen Option : **3**