

रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS सी ई एन ०१/२०१९ - एन टी पी सी - CEN 01/2019 - NTPC



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Star Online Solutions
26/07/2021
10:30 AM - 12:00 PM
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 A sum of ₹30,000 is invested on compound interest of $7\frac{1}{2}\%$ p.a. What is the sum at the end of the second year?

Ans

X 1. ₹34,658.75

× 2. ₹34,658

× 3. ₹34,668

√ 4. ₹34,668.75

Question ID : 94891115489 Option 1 ID : 94891161955 Option 2 ID : 94891161953

Option 3 ID : **94891161954** Option 4 ID : **94891161956** Status : **Answered**

The ascending order of the fractions $\frac{2}{3}$, $\frac{1}{2}$ and $\frac{1}{6}$ is:

Ans

- \times 1. $\frac{1}{6}$, $\frac{2}{3}$, $\frac{1}{2}$
- \times 2. $\frac{2}{3}$, $\frac{1}{6}$, $\frac{1}{2}$
- \checkmark 3. $\frac{1}{6}$, $\frac{1}{2}$, $\frac{2}{3}$
- \times 4. $\frac{2}{3}$, $\frac{1}{2}$, $\frac{1}{6}$

Question ID: 94891115482
Option 1 ID: 94891161927
Option 2 ID: 94891161926
Option 3 ID: 94891161925
Option 4 ID: 94891161928
Status: Answered

Chosen Option: 3

Q.3 Study the given pattern carefully and select the number from among the given options that can replace the question mark (?) in it.

2	9	16
3	13	?
8	126	192

Ans

- X 1. 13
- × 2. 12
- **√** 3. 11
- X 4. 14

Question ID: 94891115473

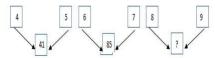
Option 1 ID: 94891161891

Option 2 ID : **94891161890**

Option 3 ID: **94891161889** Option 4 ID: **94891161892**

Status : **Answered**

Q.4 Study the given pattern carefully and select the number from among the given options that can replace the question mark (?) in it.



Ans

- X 1. 148
- **√** 2. 145
- X 3. 150
- X 4. 154

Question ID : **94891115470** Option 1 ID : **94891161877**

Option 2 ID : **94891161878** Option 3 ID : **94891161880**

Option 4 ID : **94891161879** Status : **Answered**

Chosen Option : 2

A train is moving at a speed of 180 km/h. Its speed expressed in m/s is:

Q.5 Ans

- X 1. 5 m/s
- ✓ 2. 50 m/s
- X 3. 30 m/s
- X 4. 40 m/s

Question ID: 94891115492

Option 1 ID: 94891161965

Option 2 ID: 94891161968

Option 3 ID: **94891161966**Option 4 ID: **94891161967**

Status : Answered

Chosen Option: 2

Q.6 A shared network within an organisation that enables all its employees to communicate with one another is called:

Ans

- X 1. internet
- × 2. extranet
- X 3. delnet
- √ 4. intranet

Question ID: 94891115436

Option 1 ID: 94891161741

Option 2 ID: 94891161744

Option 3 ID: 94891161742

Option 4 ID: 94891161743

Status: Answered

Q.7 Which of the following glands is an endocrine gland in the human body?

Ans

- X 1. Salivary
- ✓ 2. Pituitary
- X 3. Prostate
- X 4. Sweat

Question ID: 94891115416

Option 1 ID: 94891161662 Option 2 ID: 94891161661 Option 3 ID: 94891161664

Option 4 ID: 94891161663 Status: Not Answered

Chosen Option: --

Q.8 Find the points of intersection of the line 4x - 3y = 10 and the circle $x^2 + y^2 - 2x + 4y - 20 = 0$.

Ans

- \checkmark 1. (4, 2) and (-2, -6)
- \times 2. (-2, 3) and (4, 2)
- \times 3. (-2, 3) and (4, 3)
- \times 4. (2, -3) and (4, 2)

Question ID: 94891115503

Option 1 ID: 94891162009

Option 2 ID: 94891162010

Option 3 ID: 94891162011

Option 4 ID : **94891162012**Status : **Not Answered**

Chosen Option: --

Q.9 Which of the following is NOT involved in organising the Global Bio India – 2021 event?

Ans

- ★ 1. Ministry of Science and Technology
- ✓ 2. Ministry of Health and Family Welfare
- ✗ 3. Biotechnology Industry Research Assistance Council
- X 4. Department of Biotechnology

Question ID : 94891115430

Option 1 ID: 94891161718

Option 2 ID: 94891161717

Option 3 ID: 94891161720

Option 4 ID: 94891161719

Status: Answered

Q.10 Select the alphanumeric-cluster from among the given options that can replace the question mark (?) in the following series.

E5A, G9C, I17E, K29G, M45I, ?

Ans

X 1. O63K

X 2. O20K

√ 3. O65K

X 4. N65K

Question ID : 94891115449 Option 1 ID : 94891161793 Option 2 ID : 94891161796 Option 3 ID : 94891161795 Option 4 ID : 94891161794

Status: Answered

Chosen Option: 3

Q.11 The radius of a wheel is 70 cm. If the wheel makes 10 revolutions in 5 seconds covering a certain distance, then the speed of the wheel is:

Ans

X 1. 36.25 km/h

X 2 29.46 km/h

X 3. 32.72 km/h

✓ 4. 31.68 km/h

Question ID : 94891115497 Option 1 ID : 94891161987 Option 2 ID : 94891161986 Option 3 ID : 94891161988 Option 4 ID : 94891161985 Status : Answered

Chosen Option: 4

Q.12 P, Q, R, S, T, U and V are students who have exams on different days of the same week, starting on Monday and ending on Sunday. No two students have exams on the same day.

P's exam is on one of the days after Thursday. Q's exam is on the day immediately after P's exam. Three students have exams between Q and V. R has the exam on one of the days before V, but not on Monday. S has the exam immediately before T.

On which day does U have the exam?

Ans

X 1. Tuesday

X 2 Saturday

X 3. Friday

4. Monday

Question ID : 94891115464 Option 1 ID : 94891161853 Option 2 ID : 94891161856 Option 3 ID : 94891161855 Option 4 ID : 94891161854

Status: Not Answered

Q.13 The Non-cooperation Movement was adopted at the Congress session in December 1920 at:

Ans

- X 1. Nashik
- 🗸 2. Nagpur
- X 3. Surat
- X 4. Aurangabad

Question ID: 94891115420

Option 1 ID: 94891161678 Option 2 ID: 94891161677 Option 3 ID: 94891161680

Option 4 ID : **94891161679** Status : **Answered**

Chosen Option: 3

Q.14 The difference between two numbers is 45. When 20% of the larger number is added to 35% of the smaller number, we get a sum of 31. What is the sum of the original numbers?

Ans

- 1. 125
- X 2. 115
- X 3. 135
- X 4. 131

Question ID: 94891115496

Option 1 ID: 94891161981

Option 2 ID: 94891161982

Option 3 ID: **94891161983** Option 4 ID: **94891161984**

Status : Not Answered

Chosen Option: --

Q.15 A alone can complete a task in 30 days, while B alone can complete it in 40 days. A and B, working together, can complete the same task in:

Ans

- ✓ 1. $17\frac{1}{7}$ days
- \times 2. $11\frac{2}{7}$ days
- \times 3. $18\frac{3}{7}$ days
- \times 4. $15\frac{2}{7}$ days

Question ID: 94891115491

Option 1 ID: 94891161962

Option 2 ID: 94891161964

Option 3 ID: 94891161963

Option 4 ID: 94891161961

Status: Answered

Q.16 As of June, 2019, how many zonal cultural centres were established in India by the Government of India to protect, preserve and promote various forms of art and ancient folk cultures?

Ans

- X 1. Four
- X 2. Six
- X 3. Five
- √ 4. Seven

Question ID : 94891115409 Option 1 ID : 94891161633 Option 2 ID : 94891161634 Option 3 ID : 94891161635 Option 4 ID : 94891161636 Status : Not Answered

Chosen Option: --

Q.17 Which of the following sites was submitted to UNESCO for the nomination of World Heritage Site in the 2021-22 cycle?

Ans

- X 1. Santiniketan India
- 2. Sacred ensemble of Hoysalas
- X 3. Rock shelters of Bhimbetka
- 🗡 4. Dholavira, a Harappan City

Question ID: 94891115410
Option 1 ID: 94891161637
Option 2 ID: 94891161638
Option 3 ID: 94891161640
Option 4 ID: 94891161639
Status: Answered

Chosen Option: 3

The value of x in the equation $x + \frac{5}{27} = \frac{12}{27}$ is:

Ans

- **✓** 1. $\frac{7}{27}$
- \times 2. $\frac{10}{27}$
- \times 3. $\frac{9}{27}$
- × 4. $\frac{1}{3}$

Question ID : 94891115477 Option 1 ID : 94891161905 Option 2 ID : 94891161906 Option 3 ID : 94891161907 Option 4 ID : 94891161908 Status : Answered

X 1. 1060 Ans √ 2. 2160 X 3. 1540 X 4. 1640 Question ID: 94891115475 Option 1 ID: 94891161898 Option 2 ID: 94891161897 Option 3 ID: 94891161899 Option 4 ID: 94891161900 Status: Answered Chosen Option: 2 Q.20 Sita, Gita and Rita invested ₹20,000, ₹50,000 and ₹40,000, respectively, in a business. The net profit for the year was ₹12,100, which was divided in proportion to their investments. Find the share of profit earned by Rita. Ans 1. ₹4,400 × 2. ₹4,200 **X** 3. ₹4,100 × 4. ₹4,300 Question ID: 94891115488 Option 1 ID: 94891161949 Option 2 ID: 94891161951 Option 3 ID: 94891161952 Option 4 ID: 94891161950 Status: Answered Chosen Option: 1 Q.21 Which of the following animal species is special to the Western Ghats? Ans X 1. Tiger X 2. Elephant X 3. Hornbill 4. Nilgiri tahr Question ID: 94891115425 Option 1 ID: 94891161700 Option 2 ID: 94891161698 Option 3 ID: 94891161699 Option 4 ID: 94891161697 Status: Answered Chosen Option: 4

Q.19 The smallest number that can be divided exactly by 16, 18, 27 and 45 is:

Q.22 A statement is given followed by two inferences. Decide which of the inferences can be drawn from the given statement.

Statement:

Some students who do not perform well in the written exam still rank high in the merit list for admission to College A.

- 1. Candidates who perform well in the written exam never make it to the merit list for admission to College A.
- 2. Criteria other than written examinations are also considered for admission to College A.

Ans

- √ 1. Only 2 can be inferred.
- X 2. Neither 1 nor 2 can be inferred.
- X 3. Only 1 can be inferred.
- X 4. Both 1 and 2 can be inferred.

Question ID: 94891115453 Option 1 ID: 94891161810 Option 2 ID: 94891161812 Option 3 ID: 94891161809 Option 4 ID: 94891161811 Status: Answered

Chosen Option: 1

Q.23 Which of the following is a property of metalloids?

- Ans X 1. Malleable
 - X 2. Ductile
 - X 3. Sonorous
 - 4. Semiconductor

Question ID: 94891115411 Option 1 ID: 94891161642 Option 2 ID: 94891161644 Option 3 ID: 94891161643 Option 4 ID: 94891161641

Status: Answered Chosen Option: 1

Q.24 When was Mangalyaan, which was launched by Indian Space Research Organization (ISRO), successfully placed into the orbit of Mars?

Ans

X 1. 24 November 2014

X 2. 5 September 2013

X 4. 5 November 2013

Question ID: 94891115413 Option 1 ID: 94891161652 Option 2 ID: 94891161650 Option 3 ID: 94891161651

Option 4 ID: 94891161649 Status: Answered

Q.25 The number that has factors other than 1 and itself is called a _____ number. Ans X 1. prime √ 2. composite X 3. odd X 4. even Ouestion ID: 94891115474 Option 1 ID: 94891161895 Option 2 ID: 94891161896 Option 3 ID: 94891161894 Option 4 ID: 94891161893 Status: Answered Chosen Option: 1 Q.26 In a certain code language, HRMGL is written as DMGZD. How will NDCKR be written as in that language? Ans X 1. JZVDK √ 2. JYWDJ X 3. JXZDK X 4. JZXCJ Question ID: 94891115467 Option 1 ID: 94891161867 Option 2 ID: 94891161866 Option 3 ID: 94891161868 Option 4 ID: 94891161865 Status: Answered Chosen Option: 2 Q.27 If the numerator of a fraction is strictly less than the denominator, then the fraction is a/an: Ans X 1. Integer ✓ 2. proper fraction X 3. decimal fraction X 4. improper fraction Question ID: 94891115476 Option 1 ID: 94891161903 Option 2 ID: 94891161901 Option 3 ID: 94891161904 Option 4 ID: 94891161902 Status: Answered Chosen Option: 2

Q.28 Study the given pattern carefully and select the letter from among the given options that can replace the question mark (?) in it. $\begin{bmatrix} \mathbf{C} \end{bmatrix} \begin{pmatrix} \mathbf{0} \end{pmatrix} \begin{bmatrix} \mathbf{L} \end{bmatrix}$ D T P F ? I X 1. T Ans X 2. S **X** 3. **P √** 4. **O** Question ID: 94891115469 Option 1 ID: 94891161873 Option 2 ID: 94891161875 Option 3 ID: 94891161876 Option 4 ID: 94891161874 Status: Not Answered Chosen Option: --Q.29 The remainder, when $11^{41} + 3$ is divided by 10, is: X 1. 5 X 2. 3 X 3. 6 **4** 4. 4 Question ID: 94891115483 Option 1 ID: 94891161930 Option 2 ID: 94891161929 Option 3 ID: 94891161932 Option 4 ID: 94891161931 Status: Answered Chosen Option: 4 Q.30 In which of the following years did the new Indian Flag Code become effective? Ans X 1. 1975 **2**. 2002 X 3. 2014 X 4. 1950 Question ID: 94891115434 Option 1 ID: 94891161735 Option 2 ID: 94891161734 Option 3 ID: 94891161736 Option 4 ID: 94891161733 Status: Answered Chosen Option: 4

	Question ID : 94891115481
	Option 1 ID : 0/001161022
	Option 1 ID : 94891161922 Option 2 ID : 94891161924
	Option 3 ID : 94891161923
	Option 4 ID : 94891161921
	Status : Answered
	Chosen Option : 1
The angle of a sector is 30°. If its radius is 42 cm, then the lengt	th of the arc of the sector is:
× 1. 20 cm	
× 2. 22 m	
√ 3. 22 cm	
× 4. 32 cm	
	Question ID : 94891115495
	Option 1 ID : 94891161979
	Option 2 ID : 94891161980
	Option 3 ID : 94891161977
	Option 4 ID: 94891161978
	Status : Answered
	Chosen Option : 3
	iat language?
∧ 3. et	
√ 4. ju	
	Question ID : 94891115450
	Option 1 ID : 94891161800
	·
	Option 2 ID : 94891161797
	Option 2 ID : 94891161797 Option 3 ID : 94891161798
	Option 2 ID : 94891161797
	✓ 2. 22 m✓ 3. 22 cm

Q.34 The national calendar based on the Saka Era, with Chaitra as its first month, was adopted from the year: Ans X 1. 1947 × 2. 1951 **3**. 1957 X 4. 1959 Ouestion ID: 94891115405 Option 1 ID: 94891161617 Option 2 ID: 94891161618 Option 3 ID: 94891161619 Option 4 ID: 94891161620 Status: Not Answered Chosen Option: --The third proportional to 16 and 36 is: X 1. 49 Ans X 2. 64 **3**. 81 X 4. 144 Question ID: 94891115484 Option 1 ID: 94891161936 Option 2 ID: 94891161933 Option 3 ID: 94891161935 Option 4 ID: 94891161934 Status: Answered Chosen Option: 2 Q.36 The number of pairs of twin primes between 1 and 100 are: Ans X 1. 10 **2**. 8 **X** 3. 9 **X** 4. 7 Question ID: 94891115479 Option 1 ID: 94891161916 Option 2 ID: 94891161914 Option 3 ID: 94891161915 Option 4 ID: 94891161913 Status: Answered Chosen Option: 2

Q.37 Who among the following Assamese writers won the 'Sahitya Akademi Award 2020' in the category of short stories?

Ans

- 1. Apurba Kumar Saikia
- X 2. Joyshree Goswami Mahanta
- X 3. Sananta Tanti
- X 4. Jayanta Madhab Bora

Question ID: 94891115406 Option 1 ID: 94891161621 Option 2 ID: 94891161624 Option 3 ID: 94891161623

Option 4 ID: 94891161622 Status: Not Answered

Chosen Option: --

Q.38 Find the value of

cos1° cos2° cos3° ... cos89° cos90°.

- Ans X 1. 1
 - $\begin{array}{c} \times 2. \frac{1}{\sqrt{2}} \\ \checkmark 3. 0 \\ \times 4. \frac{1}{2} \end{array}$

Question ID: 94891115500

Option 1 ID: 94891161998

Option 2 ID: 94891162000 Option 3 ID: 94891161997

Option 4 ID: 94891161999

Status: Answered

Q.39 Select the Venn diagram that best represents the relationship between the given set of classes. Horse, Elephant, Herbivore Ans Question ID: 94891115468 Option 1 ID: 94891161870 Option 2 ID: 94891161869 Option 3 ID: 94891161872 Option 4 ID: 94891161871 Status: Answered Chosen Option: 2 Q.40 What was Akbar's idea of Sulh-i-kul? Ans √ 1. Universal peace X 2. Religious equality X 3. Intolerance towards invaders X 4. Gender justice Question ID: 94891115419 Option 1 ID: 94891161675 Option 2 ID: 94891161674 Option 3 ID: 94891161676 Option 4 ID: 94891161673 Status: Answered Chosen Option: 1

Q.41 Which of the following is NOT a feature of the Non-cooperation Movement?

Ans

- ✓ 1. Salt March
- X 2. Surrender of titles that government awarded
- X 3. Boycott of foreign goods
- X 4 Boycott of civil services

Question ID : **94891115418** Option 1 ID : **94891161671**

Option 2 ID : **94891161669** Option 3 ID : **94891161672** Option 4 ID : **94891161670**

Status: Answered

Chosen Option: 1

Q.42 Solve the following.

Subtract $\frac{9}{2} + \frac{x}{2} + \frac{3}{5}x^2 + \frac{7}{4}x^3$. from $\frac{7}{2} - \frac{x}{3} - \frac{1}{5}x^2$.

Ans

$$\times$$
 1. $1 - \frac{5}{6}x + \frac{4}{5}x^2 + \frac{7}{4}x^3$

$$\checkmark 2. \quad -1 - \frac{5}{6}x - \frac{4}{5}x^2 - \frac{7}{4}x^3$$

$$\times$$
 3. $1 - \frac{5}{6}x - \frac{4}{5}x^2 + \frac{7}{4}x^3$

$$\times$$
 4. $1 - \frac{5}{6}x + \frac{4}{5}x^2 - \frac{7}{4}x^3$

Question ID: 94891115494

Option 1 ID: 94891161974

Option 2 ID: 94891161973

Option 3 ID: 94891161976

Option 4 ID: 94891161975

 ${\bf Status: {\bf Answered}}$

Q.43 Which of the following Articles of the Constitution of India has Part XX that deals with the powers of the Parliament to amend the Constitution and its procedures?

Ans

X 1. Article 393

X 2. Article 367

X 3. Article 395

4. Article 368

Ouestion ID: 94891115429 Option 1 ID: 94891161713 Option 2 ID: 94891161715 Option 3 ID: 94891161716 Option 4 ID: 94891161714 Status: Not Answered

Chosen Option: --

Q.44 Which of the following group of states falls in the category of 'aspirants' as per the 'Sustainable Development Goals

India Index' released by NITI Aayog in 2019? Ans 1. Uttar Pradesh, Bihar, Assam

- 2. Sikkim, Punjab, Haryana
- 3. Telangana, Karnataka, Goa
- 4. Kerala, Himachal Pradesh, Tamil Nadu

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

> Question ID: 94891115435 Option 1 ID: 94891161738 Option 2 ID: 94891161740 Option 3 ID: 94891161737 Option 4 ID: 94891161739 Status: Answered

Chosen Option: 4

Q.45 Which of the following states became India's prime producer of vanadium?

Ans

X 1. Odisha

X 2. West Bengal

3. Arunachal Pradesh

X 4. Madhya Pradesh

Question ID: 94891115431 Option 1 ID: 94891161721 Option 2 ID: 94891161722 Option 3 ID: 94891161724 Option 4 ID: 94891161723

Status: Answered

Q.46 Who among the following made history by becoming the first Indian fencer to qualify for the women's individual 2021 Tokyo Olympics?

Ans

√ 1. CA Bhavani Devi

X 2. Jagmeet Kaur

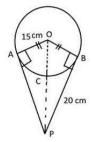
X 3. Harpreet Kaur

X 4. Kabita Devi

Question ID: 94891115404
Option 1 ID: 94891161615
Option 2 ID: 94891161616
Option 3 ID: 94891161614
Option 4 ID: 94891161613
Status: Not Answered

Chosen Option: --

Q.47 In the given figure, if PB = 20 cm and OA = 15 cm, then find the shortest distance between the circle and P.



Ans

X 1. 20 cm

× 2. 25 cm

X 3. 15 cm

√ 4. 10 cm

Question ID: 94891115498 Option 1 ID: 94891161992 Option 2 ID: 94891161989

Option 3 ID : **94891161990** Option 4 ID : **94891161991** Status : **Answered**

Q.48 $\triangle ABC$ is a triangle whose vertices are A(0, 0), B(a, 5) and C(-5, 5). If the triangle is right-angled at A, then find the value of a. Ans X 1. 2 **2**. 5 X 3. 6 X 4. 3 Question ID: 94891115502 Option 1 ID: 94891162005 Option 2 ID: 94891162007 Option 3 ID: 94891162008 Option 4 ID: 94891162006 Status: Not Answered Chosen Option: --Q.49 Ramani started a business with a capital of ₹8,000. Vanita joined the business after 4 months with a capital of ₹6,000. At the end of one year of business if they earned a profit of 3,600, then the share of Vanita is: Ans X 1. ₹1,500 **X** 2. ₹1,800 **√** 3. ₹1,200 × 4. ₹2,400 Question ID: 94891115485 Option 1 ID: 94891161937 Option 2 ID: 94891161939 Option 3 ID: 94891161938 Option 4 ID: 94891161940 Status: Answered Chosen Option: 3

Q.50 In a class of 46 students, 18 play carom; 17 play chess, including 6 who play carom; 16 play cards, including 4 who play chess, but not carom; and 5 play only tennis. Which of the following figures represents these facts? Ans × 2. (c) **X** 3. (b) X 4. (d) Question ID: 94891115465 Option 1 ID: 94891161857 Option 2 ID: 94891161859 Option 3 ID: 94891161858 Option 4 ID: 94891161860 Status: Not Answered Chosen Option: --**Q.51** $\stackrel{?}{=}$ 21,150 is distributed among A, B, and C. The share of A is $\frac{4}{5}$ of the share of B, and the share of B is $\frac{3}{4}$ of the share of C. After receiving their respective sums, C gives some money out of her share to A so that after the transfer, the ratio of the sums A and C have is 7:9. What part of her initial share did C transfer to A? Ans

 \checkmark 2. $\frac{1}{10}$ \checkmark 3. $\frac{1}{5}$ \checkmark 4. $\frac{1}{12}$

Question ID: 94891115490
Option 1 ID: 94891161960
Option 2 ID: 94891161957
Option 3 ID: 94891161958
Option 4 ID: 94891161959
Status: Not Answered

Q.52 Following a certain logic, 5 is related to 28 in the same way as 7 is related to 52 and 9 is related to 84. Using the same logic, to which of the following is 11 related? Ans X 1. 121 **√** 2. 124 X 3. 126 X 4. 128 Question ID: 94891115448 Option 1 ID: 94891161791 Option 2 ID: 94891161789 Option 3 ID: 94891161790 Option 4 ID: 94891161792 Status: Answered Chosen Option: 2 Which of the following fraction falls between $\frac{3}{4}$ and $\frac{6}{7}$? Ans **√** 1. $\frac{9}{11}$ $\times 2. \frac{9}{10}$ \times 3. $\frac{5}{9}$ \times 4. $\frac{11}{9}$ Question ID: 94891115478 Option 1 ID: 94891161911 Option 2 ID: 94891161909 Option 3 ID: 94891161912 Option 4 ID: 94891161910 Status: Answered Chosen Option: 1 The headquarters of East Central Railway is in . X 1. Kolkata 🗸 2. Hajipur X 3. Malda X 4. Patna Question ID: 94891115443 Option 1 ID: 94891161769 Option 2 ID: 94891161771 Option 3 ID: 94891161770 Option 4 ID: 94891161772 Status: Answered Chosen Option: 4

Q.55 Which of the following cities in Madhya Pradesh was renamed as Narmadapuram?

Ans

- √ 1. Hoshangabad
- X 2. Narsinghpur
- X 3. Jabalpur
- X 4. Mandhata

Question ID: 94891115408
Option 1 ID: 94891161631
Option 2 ID: 94891161630
Option 3 ID: 94891161629
Option 4 ID: 94891161632
Status: Answered

Chosen Option: 1

Q.56 Which of the following statements about the TIFAC (Technology Information, Forecasting and Assessment Council) is INCORRECT?

Ans

- ✓ 1 Recovery in manufacturing and construction
- X 2

The major task of formulating a technology vision for the country in various emerging technology areas

X 3.

Developing a technology-fuelled PDS (public distribution system)

★ 4. Reviving the economy after COVID-19 pandemic

Question ID: 94891115442
Option 1 ID: 94891161767
Option 2 ID: 94891161765
Option 3 ID: 94891161768
Option 4 ID: 94891161766
Status: Answered

Chosen Option: 4

Q.57 In which of the following elections are one-third of the seats reserved for women?

Ans

- X 1. Lok Sabha
- X 2 Rajya Sabha
- 3. Panchayati Raj
- X 4. Legislative Assembly

Question ID : **94891115428**Option 1 ID : **94891161709**Option 2 ID : **94891161710**

Option 3 ID : **94891161711** Option 4 ID : **94891161712** Status : **Answered**

Q.58 In $\triangle ABC$, if $\angle A = 3 \angle B$ and $\angle C = 2 \angle B$ then, what are values of $\angle A$, $\angle B$ and $\angle C$?

Ans X 1. 60°, 30° and 90°

√ 2. 90°, 30° and 60°

X 3. 30°, 90° and 60°

X 4. 90°, 60° and 30°

Question ID: 94891115501 Option 1 ID: 94891162004 Option 2 ID: 94891162001 Option 3 ID: 94891162002 Option 4 ID: 94891162003

Status : **Answered** Chosen Option : **2**

Q.59 Which of the following is NOT a constellation in the sky?

Ans

X 1. Ursa Major

√ 2. Sirius

X 3. Orion

X 4. Cassiopeia

Question ID: 94891115412 Option 1 ID: 94891161648 Option 2 ID: 94891161645 Option 3 ID: 94891161646

Option 4 ID : **94891161647**Status : **Answered**

Chosen Option: 1

Q.60 One of the greatest social reforms of abolition of the 'Sati' system in India was done by Governor-General

Ans X 1. Sir Charles Metcalfe

X 2. Lord Macauley

✓ 3. Lord William Bentinck

X 4. Lord Cornwallis

Question ID: 94891115421

Option 1 ID: 94891161684

Option 2 ID: **94891161681** Option 3 ID: **94891161682**

Option 4 ID : **94891161683**

Status: Not Answered

Q.61 Two trains, 145 m and 155 m in length, run on parallel tracks. One train runs at the speed of 32 km/h and the other at 40 km/h. When both trains run in opposite direction, then the time required for them to cross each other completely from the moment they meet is:

Ans

√ 1. 15 sec

X 2. 10 sec

X 3. 12 sec

X 4. 20 sec

Question ID: 94891115493 Option 1 ID: 94891161969 Option 2 ID: 94891161971 Option 3 ID: 94891161972 Option 4 ID: 94891161970

Status : **Answered**

Chosen Option: 1

Q.62 Which of the following are NOT core elements of environmental sustainability?

Ans

Note that is a second of the second of t

X 2. Sustainable mobility

✓ 3. Development of people, communities and cultures

X 4. Environmental conservation

Question ID : 94891115433 Option 1 ID : 94891161730 Option 2 ID : 94891161731 Option 3 ID : 94891161732

Option 4 ID : 94891161729 Status : Answered

Chosen Option: 3

Q.63 In the given diagram, circle A represents clerks, circle B represents secret agents and circle C represents citizens. Which of the following symbols represent (s) those secret agents who are also clerks?



Ans

X 1. @ and ^

√ 2. ! and S

X 3. ! and &

💢 4. \$ Only

Question ID: 94891115466

Option 1 ID: 94891161861 Option 2 ID: 94891161862 Option 3 ID: 94891161864

Option 4 ID : **94891161863**Status : **Answered**

Q.64 Which of the following is a graphical web browser based on the WebKit browser engine?

Ans

- X 1. Appy Pie Design
- X 2. Adobe Illustrator
- √ 3. Safari
- X 4. CorelDRAW

Question ID: 94891115438
Option 1 ID: 94891161752
Option 2 ID: 94891161750
Option 3 ID: 94891161749
Option 4 ID: 94891161751
Status: Not Answered

Chosen Option: --

Q.65 Which of the following is an important mountain pass in the Western Ghats mountain range, in southwestern India that connects the Nilgiri Hills to the north and Anaimalai Hills to the south?

Ans

- √ 1. Palakkad Gap
- X 2. Thai Ghat
- X 3. Goran Ghat
- X 4. Bhor Ghat

Question ID: 94891115426
Option 1 ID: 94891161703
Option 2 ID: 94891161702
Option 3 ID: 94891161701
Option 4 ID: 94891161704
Status: Answered

Chosen Option : 2

Q.66 What is a river known as when it enters the plains where it twists and turns forming large bends?

Ans

- X 1. Ox-bow lake
- X 2. Levees
- 3. Meanders
- X 4. Flood plains

Question ID : 94891115422 Option 1 ID : 94891161686 Option 2 ID : 94891161685 Option 3 ID : 94891161687 Option 4 ID : 94891161688

Status : **Answered** Chosen Option : **3**

Q.67 If '-' stands for 'x', '+' stands for '+', 'x' stands for '+', and '+' stands for '-', then find the value of $24 + 6 \div 2 - 9 \times 4$. Ans ✓ 1. –10 X 2. 24 X 3. 8 **X** 4. −8 Question ID: 94891115457 Option 1 ID: 94891161828 Option 2 ID: 94891161825 Option 3 ID: 94891161826 Option 4 ID: 94891161827 Status: Answered Chosen Option: 1 Q.68 King Simhavishnu belonged to the _____ dynasty. Ans X 1. Chola X 2. Pala X 3. Chalukya ✓ 4. Pallava Question ID: 94891115417 Option 1 ID: 94891161666 Option 2 ID: 94891161665 Option 3 ID: 94891161667 Option 4 ID: 94891161668 Status: Answered Chosen Option: 3 Q.69 Which of the following organelles helps to keep the cell clean by digesting any foreign material as well as worn out cell Ans X 1. Endoplasmic reticulum X 2. Mitochondria ✓ 3. Lysosome X 4. Golgi apparatus Question ID: 94891115414 Option 1 ID: 94891161654 Option 2 ID: 94891161656 Option 3 ID: 94891161655 Option 4 ID: 94891161653

Status: Not Answered

Q.70 If 'P + Q' means 'P is the brother of Q', 'P - Q' means 'P is the sister of Q', 'P * Q' means 'P is the husband of Q', and 'P / Q' means 'P is the son of Q', then which of the following shows that 'K is the daughter of M'?

Ans

√ 1. K - L / N * M

 \times 2. K+L/N-M

X 3. K-L/N+M

X 4. L * K - N + M

Ouestion ID: 94891115445

Option 1 ID: 94891161780 Option 2 ID: 94891161778 Option 3 ID: 94891161779 Option 4 ID: 94891161777

Status: Not Answered

Chosen Option: --

Q.71 A group of four bits is called a:

X 1. megabyte

✓ 2. nibble

X 3. byte

X 4. kilobyte

Question ID: 94891115437

Option 1 ID: 94891161747

Option 2 ID: 94891161748

Option 3 ID: 94891161746

Option 4 ID: 94891161745 Status: Answered

Chosen Option: 1

Q.72 'Dollu Kunitha' is a form of folk dance from the state of:

Ans X 1. Assam

√ 2. Karnataka

X 3. Chhattisgarh

X 4. West Bengal

Question ID: 94891115407

Option 1 ID: 94891161625

Option 2 ID: 94891161628

Option 3 ID: 94891161627 Option 4 ID: 94891161626

Status: Answered

Q.73 Which of the following is a renewable source of energy? Ans 🗸 1. Nuclear fission X 2. Petroleum X 3. Wood X 4. Coal Question ID: 94891115415 Option 1 ID: 94891161658 Option 2 ID: 94891161659 Option 3 ID: 94891161657 Option 4 ID: 94891161660 Status: Answered Chosen Option: 3 Q.74 Select the option that is related to the third word in the same way as the second word is related to the first word. Season: Summer:: Month:? X 1. Weather √ 2. December X 3. Year X 4. Day Question ID: 94891115471 Option 1 ID: 94891161881 Option 2 ID: 94891161883 Option 3 ID: 94891161884 Option 4 ID: 94891161882 Status: Answered Chosen Option: 4 Q.75 In the context of provident fund, UAN stands for: Ans X 1. Unified Account Number X 2. Unified Allotted Number √ 3. Universal Account Number X 4. Universal Allotted Number Question ID: 94891115439 Option 1 ID: 94891161754 Option 2 ID: 94891161756 Option 3 ID: 94891161753 Option 4 ID: 94891161755 Status: Answered Chosen Option: 1

Q.76 Find the number of points on the x-axis that are at a distance of 'c' units (c < 3) from the point (2, 3). Ans X 2. 3 X 3. 1 X 4. 2 Question ID: 94891115499 Option 1 ID: 94891161993 Option 2 ID: 94891161996 Option 3 ID: 94891161994 Option 4 ID: 94891161995 Status: Answered Chosen Option: 1 **Q.77** If a, b, c and d are in continued proportion, then $(ma^3 + nb^3 - rc^3)$: $(mb^3 + nc^3 - rd^3) = ?$ Ans X 1. d:a ✓ 2. a:d X 3. b:c X 4. c:b Question ID: 94891115486 Option 1 ID: 94891161941 Option 2 ID: 94891161942 Option 3 ID: 94891161943 Option 4 ID: 94891161944 Status: Answered Chosen Option: 1 Q.78 What is the accuracy level of National Atomic Time Scale dedicated to the nation by Prime Minister Modi in January Ans √ 1. 2.8 nanoseconds X 2. 2.7 nanoseconds X 3. 2.6 nanoseconds X 4. 2.5 nanoseconds Question ID: 94891115432 Option 1 ID: 94891161728 Option 2 ID: 94891161725 Option 3 ID: 94891161726 Option 4 ID: 94891161727 Status: Answered Chosen Option: 3

Q.79 If Mohan secured 72% marks in physics and 68% in chemistry, what percentage of marks did Mohan get in both subjects together, assuming that the two subjects have equal weightage? Ans **1.** 70% X 2. 55% X 3. 65% X 4. 60% Question ID: 94891115487 Option 1 ID: 94891161945 Option 2 ID: 94891161948 Option 3 ID: 94891161947 Option 4 ID: 94891161946 Status: Answered Chosen Option: 1 Q.80 The cube root of 150 will lie between: Ans X 1. 4 and 5 X 2. 6 and 7 X 3. 7 and 8 √ 4. 5 and 6 Question ID: 94891115480 Option 1 ID: 94891161917 Option 2 ID: 94891161919 Option 3 ID: 94891161920 Option 4 ID: 94891161918 Status: Answered Chosen Option: 4 Q.81 NH 44 is the longest national highway route in India and it runs between Srinagar and Kanyakumari. What is its length? Ans X 1. 2369 km ✓ 2. 3745 km X 3. 2397 km X 4. 2134 km Question ID: 94891115424 Option 1 ID: 94891161695 Option 2 ID: 94891161696 Option 3 ID: 94891161693 Option 4 ID: 94891161694 Status: Not Answered Chosen Option: --

Q.82 Which of the following Articles of the Constitution of India guarantees the protection of certain rights regarding the freedom of speech? Ans X 1. Article 14 X 2. Article 21 ✓ 3. Article 19 X 4. Article 22 Question ID: 94891115427 Option 1 ID: 94891161705 Option 2 ID: 94891161706 Option 3 ID: 94891161707 Option 4 ID: 94891161708 Status: Answered Chosen Option: 4 Q.83 Which of the following places consists of 12 atolls? Ans X 1. Andaman √ 2. Lakshadweep X 3. Seychelles X 4. Maldives Question ID: 94891115423 Option 1 ID: 94891161691 Option 2 ID: 94891161692 Option 3 ID: 94891161689 Option 4 ID: 94891161690 Status: Not Answered Chosen Option: --Q.84 The 'National Pension Scheme' ('NPS') is regulated by: X 1 IRDA Ans ✓ 2. PFRDA X 3. PCRADA X 4. NPDA Question ID: 94891115440 Option 1 ID: 94891161758 Option 2 ID: 94891161757 Option 3 ID: 94891161760 Option 4 ID: 94891161759 Status: Not Answered Chosen Option: --

Q.85 The 'PM SVANidhi' scheme was introduced by the Ministry of Housing and Urban Affairs for street vendors

Ans

1 as a fitting tribute to farmers



for creating employment for nearly 2.5 lakh persons by the year 2026-27



 $for covering \ ready-to-eat, \ ready-to-cook, \ marine \ products, \ processed \ fruits \ and \ vegetables, \ and \ mozzarella \ cheese$



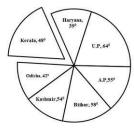
so that they could resume their livelihood activities that were affected largely due to the Covid-19 lockdown

Question ID: 94891115441 Option 1 ID: 94891161761 Option 2 ID: 94891161762 Option 3 ID: 94891161763 Option 4 ID: 94891161764 Status: Answered

Chosen Option: 1

Q.86 Study the given circle graph and answer the question that follows.

The circle graph shows the production of rice by seven different States — U.P, A.P, Bihar, Kashmir, Kerala, Odisha and Haryana — during a particular year.



If the total production of rice by all the given states during the particular year was 20 thousand tonnes, then what was the approximate production of rice (in tonnes) by Kerala?

Ans

X 1. 3525

× 2. 3000

X 3. 9600

4 2667

Question ID: 94891115459

Option 1 ID: 94891161836

Option 2 ID: 94891161834

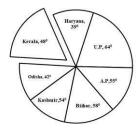
Option 3 ID: 94891161835

Option 4 ID: 94891161833

Status: Answered

Q.87 Study the given circle graph and answer the question that follows.

The circle graph shows the production of rice by seven different States — U.P, A.P, Bihar, Kashmir, Kerala, Odisha and Haryana — during a particular year.



If the total production of rice by all the given states during the year was 18 thousand tonnes, what was the ratio of the production of rice by Odisha to the production of rice by Kashmir?

Ans





X 3. 3:7

X 4. 7:8

Question ID: 94891115460 Option 1 ID: 94891161840 Option 2 ID: 94891161839

Option 3 ID : **94891161838** Option 4 ID : **94891161837**

Status : Answered

Chosen Option: 2

Q.88 Study the given table and answer the question that follows.

The table presents the number of foreigners who arrived in India as tourists from five different countries over five years.

Countries	USA	UK	UAE	China	Iran
Years 2012	300	310	250	280	440
2013	480	420	280	320	400
2014	450	450	240	260	350
2015	320	380	300	400	380
2016	490	430	540	350	420

Based on the given table, which of the following statements is TRUE?

Ans



For all the years together, the total number of tourists from UAE was higher than the total number of tourists from Iran.



The number of tourists from UK has shown an increase every year during the given years.



The percentage increase in the number of tourists from USA from 2012 to 2013 was 60%.



The ratio of the total number of tourists from UK in 2015 and 2016 together to that from China in the same years was 27:13.

Question ID : **94891115461** Option 1 ID : **94891161844**

Option 2 ID : **94891161842** Option 3 ID : **94891161841** Option 4 ID : **94891161843**

Status: Not Answered

Q.89 Study the given table and answer the question that follows.

The table presents the number of foreigners who arrived in India as tourists from five different countries over five years.

Countries	USA	UK	UAE	China	Iran
Years					
2012	300	310	250	280	440
2013	480	420	280	320	400
2014	450	450	240	260	350
2015	320	380	300	400	380
2016	490	430	540	350	420

There was a 40% increase in the total number of tourists from all the countries together in 2017 as compared to 2016. If $1/7^{th}$ of the total number of tourists in 2017 were from USA, how many tourists from USA visited India in 2017?

Ans

X 1. 516

X 2. 562

3. 446

X 4. 664

Question ID: 94891115462
Option 1 ID: 94891161847
Option 2 ID: 94891161848
Option 3 ID: 94891161845
Option 4 ID: 94891161846

Status: Not Answered

Chosen Option: --

Q.90 RYG is related to YRT by a certain logic. Following the same logic, EPB is related to PEY. Which of the given options follows the same logic?

Ans

X 1. ASJ-SAR

X 2. ASI-SAP

✓ 3. ASI-SAR

X 4. ASJ-SAP

Question ID: 94891115446

Option 1 ID: 94891161783

Option 2 ID: 94891161781

Option 3 ID : 94891161782

Option 4 ID: 94891161784

Status: Answered

Q.91 If 'S' denotes '×', 'B' denotes '-', 'R' denotes '+', and 'V' denotes '+', then what will be the value of the following expression?

14S63V21R19B22

Ans

X 1. 37

X 2. 0

3. 39

X 4. 14

Question ID: 94891115447

Option 1 ID: 94891161788 Option 2 ID: 94891161787 Option 3 ID: 94891161786

Option 4 ID : **94891161785** Status : **Answered**

Chosen Option: 3

Q.92 Four terms have been given, out of which three are alike in some manner and one is different. Select the one that is

Ans

X 1 Metre

× 2. Kilogram

X 3. Second

4. Volume

Question ID: 94891115472

Option 1 ID : 94891161886 Option 2 ID : 94891161885 Option 3 ID : 94891161888

Option 4 ID : **94891161887** Status : **Answered**

Chosen Option: 4

Q.93 Ali drives 12 km to the west from point P. He then takes a right turn, drives 6 km and reaches point Q. From there, he takes a right turn, drives 5 km and reaches point S. He then takes a final right turn, drives 10 km and stops at point T.

Which of the following will take him to point P from point T?

Ans

1. Drive 4 km to the north, take a left turn and drive 7 km.

× 2. Drive 4 km to the west, take a right turn and drive 10 km.

X 3. Drive 5 km to the east, take a right turn and drive 4 km.

✓ 4. Drive 7 km to the east, take a left turn and drive 4 km.

Question ID: 94891115463

Option 1 ID : **94891161852** Option 2 ID : **94891161851**

Option 3 ID : **94891161850**

Option 4 ID : **94891161849**Status : **Not Answered**

Q.94 W and T are married to each other and have only two children. K and M are married to each other and have only three children. R is the only sister of S and Y. N's mother is T. M's brother is N, who is a bachelor. K is the father of R.

How is T related to Y?

Ans

X 1. Father's mother

X 2. Sister's husband

X 3. Mother's brother

4. Mother's mother

Question ID: 94891115444
Option 1 ID: 94891161775
Option 2 ID: 94891161773
Option 3 ID: 94891161774
Option 4 ID: 94891161776
Status: Answered

Chosen Option: 3

Q.95 P, Q, R, S, T, U, V and W are sitting around a circular table facing the centre. P sits third to the right of U. One person sits between P and T. S sits second to the left of Q. Q is neither an immediate neighbour of P nor U. V is an immediate neighbour of R. V is not an immediate neighbour of U.

Which of the following pairs represents the immediate neighbours of W?

Ans

X 1. S, U

X 2. S, T

√ 3. **Q**, **U**

X 4. V, U

Question ID : 94891115458 Option 1 ID : 94891161832 Option 2 ID : 94891161831 Option 3 ID : 94891161829 Option 4 ID : 94891161830 Status : Not Answered

Q.96 Select the box that can be formed by folding the given sheet along the lines. Question ID: 94891115456 Option 1 ID: 94891161823 Option 2 ID: 94891161821 Option 3 ID: 94891161822 Option 4 ID: 94891161824 Status: Not Answered Chosen Option: --Q.97 Select the option in which the two numbers share a different relationship from that shared by the two numbers in the rest of the options. Ans X 1. 5, 42 × 2. 9, 110 X 3. 13, 210 **√** 4. 8, 72 Question ID: 94891115454 Option 1 ID: 94891161813 Option 2 ID: 94891161816 Option 3 ID: 94891161814 Option 4 ID: 94891161815 Status: Answered Chosen Option: 4

Q.98 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 poems are stories.
- 2. All articles are poems.

Conclusions:

- 1. All articles are stories.
- 2. No story is an article

Ans

- X 1. Both conclusions 1 and 2 follow.
- X 2. Neither conclusion 1 nor 2 follows.
- 3. Only conclusion 2 follows.
- 4. Only conclusion 1 follows.

Question ID : 94891115452 Option 1 ID : 94891161808 Option 2 ID : 94891161807 Option 3 ID : 94891161806

Option 4 ID : **94891161805** Status : **Answered**

Chosen Option: 4

Q.99 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. Some fruits are flowers.
- 2. All herbs are flowers.

Conclusions:

- 1. All flowers are herbs.
- 2. No herb is a fruit.

Ans

- ★ 1. Only conclusion 1 follows.
- × 2. Only conclusion 2 follows.
- 3. Both conclusions 1 and 2 follow.
- 4. Neither conclusion 1 nor 2 follows.

Question ID: 94891115451

Option 1 ID: 94891161801 Option 2 ID: 94891161802

Option 3 ID: 94891161804 Option 4 ID: 94891161803

Status: Answered

Q.100 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

ACE, HJL, OQS, ?

Ans

✔1. VXZ

× 2. ZXV

X 3. VWX

X 4. UWY

Question ID: 94891115455

Option 1 ID : **94891161820** Option 2 ID : **94891161817**

Option 3 ID : **94891161818**

Option 4 ID : **94891161819**Status : **Not Answered**

Chosen Option : --

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