

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



	Jo in YouTube C hann el
Participant Name	Jo in YouTube C hann el
Test Center Name	Bhartiyam Digital Academy
Test Date	20/01/2021
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 Consider the given statements and decide which of the given assumptions is/are implicit in the statement.

Statement:

To expand their business, a budding company now requires more staff.

Assumptions

- I: The current staff is incompetent.
- II: Business can only be expanded by always hiring new staff.

Ans

- √ ¹. Neither assumption I nor II is implicit.
- 2. Both the assumptions are implicit.
- 3. Only assumption I is implicit.
- Only assumption II is implicit.

Question ID: 9489113481

Option 1 ID: 94891113924

Option 2 ID: 94891113923

Option 3 ID: 94891113921

Option 4 ID: 94891113922

Status: Answered

If $\sin 3\theta = \cos (\theta - 6^{\circ})$, then θ is:

- Ans 🗸 1. 24°
 - X 2. 26°
 - X 3. 12°
 - X 4. 3°

Question ID: 9489113470

Option 1 ID: 94891113877

Option 2 ID: 94891113878 Option 3 ID: 94891113879

Option 4 ID: 94891113880

Status: Answered

Chosen Option: 1

When was the first Indian Cricket Club -the Calcutta Cricket Club established?

Ans

- √ 1. 1792
- X 2. 1790
- X 3. 1791
- X 4. 1793

Question ID: 9489113119

Option 1 ID: 94891112475

Option 2 ID: 94891112473

Option 3 ID: 94891112474 Option 4 ID: 94891112476

Status: Not Answered

Chosen Option: --

x% of y is y% of:

- Ans 🗸 1. X
 - \times 2. $\frac{y}{10}$

 - X 4. 100x

Question ID: 9489113456

Option 1 ID: 94891113821

Option 2 ID: 94891113824

Option 3 ID: 94891113823 Option 4 ID: 94891113822

Status: Answered

Q.5 Name the creation of Devaki Nandan Khatri which is considered to be the first authentic work of prose in Hindi.

Ans

- X 1. Ratnavali
- √ 2. Chandrakanta
- × 3. Gitanjali
- X 4. Gita Govinda

Question ID: 9489113108

Option 1 ID: 94891112429 Option 2 ID: 94891112431

Option 3 ID: 94891112430

Option 4 ID: 94891112432 Status: Answered

Chosen Option: 3

The International Criminal Police Commission (ICPC), predecessor to INTERPOL was founded at ______ in 1923.

- X 1. Washington
- X 2. Geneva
- X 3. New York
- √ ⁴ Vienna

Question ID: 9489113134

Option 1 ID: 94891112535

Option 2 ID: 94891112536 Option 3 ID: 94891112533

Option 4 ID: 94891112534

Status: Answered

Chosen Option: 3

If $x + \frac{1}{x} = 6$, then value of $x^2 + \frac{1}{x^2}$ is:

- Ans X 1. 36
 - X 2. 12
 - X 3. 38
 - **√** 4. 34

Question ID: 9489113453

Option 1 ID: 94891113810

Option 2 ID: 94891113812

Option 3 ID: 94891113811

Option 4 ID: 94891113809

Status: Answered

Q.8 If J is coded as N, R is coded as V and X is coded as B, then how will you code JOY? Ans X 1. NOB X 2. NRA ✓ 3. NSC X 4. NSA Question ID: 9489113474 Option 1 ID: 94891113895 Option 2 ID: 94891113893 Option 3 ID: 94891113896 Option 4 ID: 94891113894 Status: Answered Chosen Option: 3 Q.9 A ratio of the cost price and the selling price of an article is 4:5. What is the percentage gain or loss? X 1 20% gain X 2. 20% loss X 3. 25% loss 4. 25% gain Question ID: 9489113458 Option 1 ID: 94891113830 Option 2 ID: 94891113832 Option 3 ID: 94891113831 Option 4 ID: 94891113829 Status: Answered Chosen Option: 4 Q.10 Which of the following pairs of numbers is co-prime? Ans 1. 6 and 35 X 2. 9 and 12 X 3. 39 and 65 X 4. 14 and 21 Question ID: 9489113445 Option 1 ID: 94891113780 Option 2 ID: 94891113777 Option 3 ID: 94891113779 Option 4 ID: 94891113778 Status: Answered Chosen Option: 1

Q.11	The first Pressurised Heavy Water Reactor (PHWR) of India in 1964 was a Collaborative venture between Atomic Energy of Ltd and NPCIL of India.		
Ans	× 1. France		
	× 2. USSR		
	× 3. Israel		
	✓ 4. Canada		
		Question ID : 9489113132	
		Option 1 ID : 94891112527	
		Option 2 ID: 94891112526	
		Option 3 ID : 94891112528	
		Option 4 ID: 94891112525	
		Status : Answered	
		Chosen Option : 2	
Q.12	.1.12 If an article is sold at a gain of 5% instead of being sold at a loss of 5%, a man gets ₹5 more. What is the cost price of		
	the article?		
Ans	× 1. ₹80		
	× ^{2.} ₹40		
	× 3. ₹60		
	√ ^{4.} ₹50		
		Question ID : 9489113457	
		Option 1 ID : 94891113828	
		Option 2 ID : 94891113825	
		Option 3 ID : 94891113827	
		Option 4 ID: 94891113826	
		Status : Answered	
		Chosen Option : 4	
0.42	SMC St. 7/2		
Q.13	The value of		
	$\tan 5^{\circ} \tan 25^{\circ} \tan 45^{\circ} \tan 65^{\circ} \tan 85^{\circ}$ is equal to:		
Ans	✓ 1. 1		
	× 2. 4		
	3. 2		
	× 4. 3		
		Question ID: 9489113471	
		Option 1 ID : 94891113881	
		Option 2 ID : 94891113884	
		Option 3 ID : 94891113882	
		Option 4 ID : 94891113883	
		Status : Answered	
		Chosen Option : 1	

Q.14 If 23 A 64 A 13 = 136423 and 9 A 57 A 12 = 12579, then 29 A 4 A 6 = ?

Ans X 1. 6249

X 2. 6924

X 3. 6492

√ 4. 6429

Question ID: 9489113498

Option 1 ID: 94891113989

Option 2 ID: 94891113991

Option 3 ID: 94891113992 Option 4 ID: 94891113990

Status: Answered

Chosen Option: 4

Q.15 Radha is the sister of the son of Abhinav's son. How is Radha related to Abhinav?

Ans X 1. Aunt

X 2. Grandmother

3. Granddaughter

X 4. Sister

Question ID: 9489113480

Option 1 ID: 94891113920

Option 2 ID: 94891113918 Option 3 ID: 94891113919

Option 4 ID: 94891113917

Status: Answered

Chosen Option: 3

Q.16 Which of the following special trains can be taken to travel to Lumbini, Bodhgaya, Sarnath and Kushinagar?

Ans

X 1. Buddhist Train

X². Buddhist Tourist Train

√ 3. Buddhist Circuit Tourist Train

Market Proposition

A suddha Express Special Tourist Train

A suddha Special Tourist Train

A sud

Question ID: 9489113141

Option 1 ID: 94891112563

Option 2 ID: 94891112562

Option 3 ID: 94891112561

Option 4 ID: 94891112564

Status: Answered

Q.17 In April, the profit of a book store is increased by 25%, and in May, it is decreased by 20%. How did the profit of the store at the end of May compare to that in the beginning of April?

Ans

X 1. It was less.

× 2. It was 25% greater.

✓ 3. It was same.

X 4. It was 5% greater.

Question ID: 9489113502 Option 1 ID: 94891114005 Option 2 ID: 94891114008 Option 3 ID: 94891114006 Option 4 ID: 94891114007

Status : Answered

Chosen Option: 3

Q.18 A can finish a piece of work in 20 days and B can finish it in 24 days. They work together for 10 days then A leaves. In how many days will B finish the remaining work?

Ans

X 1 1 day

X 2. Half day

★ 3. 3 days

4. 2 days

Question ID : 9489113461

Option 1 ID : 94891113842 Option 2 ID : 94891113843

Option 3 ID: 94891113844 Option 4 ID: 94891113841

Status : Answered

Chosen Option: 4

Q.19 What will be the compound interest on ₹25,000 at the rate of 6% per annum in 2 years?

Ans

X 1. ₹2,560

√ 2. ₹3,090

× 3. ₹1,560

X 4. ₹1,950

Question ID: 9489113459

Option 1 ID: 94891113836

Option 2 ID: 94891113833 Option 3 ID: 94891113834

Option 4 ID : 94891113835

Status: Answered

Q.20 Name the British chemist who presented his atomic theory in 1808, on conservation of mass and law of definite proportions, which was a turning point in the study of matter. Ans ✓ ¹ John Dalton X 2. Lavoisier X 3. Ernest Rutherford X 4. Proust Question ID: 9489113115 Option 1 ID: 94891112459 Option 2 ID: 94891112457 Option 3 ID: 94891112460 Option 4 ID: 94891112458 Status: Answered Chosen Option: 1 Q.21 Government of India has set ambitious target of building _____ Kms of highways in FY21. Ans √ 1. 15000 × 2. 10000 X 3. 5000 X 4. 1000 Question ID: 9489113139 Option 1 ID: 94891112553 Option 2 ID: 94891112554 Option 3 ID: 94891112555 Option 4 ID: 94891112556 Status: Not Answered Chosen Option: --Q.22 Name the book written by Mahatma Gandhi in 1909 that suggested the British rule would come to an end if Indians didn't cooperate with them. Ans ✓ ¹ Hind Swaraj 2. Constructive Programme – Its Meaning and Place X 3. Village Swaraj X 4. India of my dreams Question ID: 9489113118 Option 1 ID: 94891112469 Option 2 ID: 94891112472 Option 3 ID: 94891112471 Option 4 ID: 94891112470 Status: Answered Chosen Option: 4

Q.23 Two boxes, A and B, have the capacity of holding 85 and 68 units of an article respectively. However, these articles have to be first packed into uniformly sized smaller packets that fit into the boxes. What is the maximum number of units that should be put into each of these packets such that both boxes A and B are filled to their full capacity?

× 1 68 units per packet

× 2. 1445 units per packet

√ 3. 17 units per packet

X 4. 85 units per packet

Question ID: 9489113452 Option 1 ID: 94891113806 Option 2 ID: 94891113808

Option 3 ID: 94891113807 Option 4 ID: 94891113805

Status: Answered

Chosen Option: 3

Q.24 In a certain code, METHOD is written as DOHTEM. How will CHOCOLATE be written as in that code?

Ans

X 1. TELAOCOCH

X 2. ETALCOHOC

√ 3. ETALOCOHC

X 4. ETLAOCOCH

Question ID: 9489113478

Option 1 ID: 94891113909 Option 2 ID: 94891113912

Option 3 ID: 94891113911

Option 4 ID: 94891113910

Status: Answered

Chosen Option: 3

Q.25 Which among the following is NOT an extension for a video file?

Ans X 1. .avi

× 2. .mov

√ 3. .jpeg

× 4. .mp4

Question ID: 9489113138

Option 1 ID: 94891112550

Option 2 ID: 94891112551

Option 3 ID: 94891112549 Option 4 ID: 94891112552

Status: Answered

Q.26 A dealer lists his goods at 40% above cost price and allows a discount of 20%. His profit is:

Ans X 1. 10%

× 2. 20%

X 3. 40%

√^{4.} 12%

Question ID: 9489113454

Option 1 ID: 94891113813

Option 2 ID: 94891113814

Option 3 ID: 94891113816

Option 4 ID: 94891113815 Status: Answered

Chosen Option: 4

Q.27 $\sqrt{2} - \sqrt{3}$ is:

Ans X 1. a whole number

✓ 2. an irrational number

X 3. a natural number

X 4. a rational number

Question ID: 9489113449

Option 1 ID: 94891113793

Option 2 ID: 94891113796

Option 3 ID: 94891113794

Option 4 ID: 94891113795 Status: Answered

Chosen Option: 2

Q.28 Rationalising factor of $\sqrt[3]{40}$ is:

Ans

 \times 10 $\frac{1}{3}$

 $\sqrt{^2}$ $5^{\frac{2}{3}}$

 \times 40 $\frac{1}{3}$

 \times 4. $2^{\frac{2}{3}}$

Question ID: 9489113450

Option 1 ID: 94891113798

Option 2 ID: 94891113800

Option 3 ID: 94891113797

Option 4 ID: 94891113799

Status: Answered

Q.29 If Quantity A is the number of ways to assign a number from 1 to 5 without repetition to each of four people, and Quantity B is the number of ways to assign a number from 1 to 5 without repetition to each of 5 people, then which of the following statements is correct with respect to Quantities A and B?

Ans

1 Impossible to determine.

X^{2.} Quantity B is greater.

✓ 3. Both Quantities A and B are equal.

Quantity A is greater.

Question ID: 9489113486
Option 1 ID: 94891113944
Option 2 ID: 94891113942
Option 3 ID: 94891113943
Option 4 ID: 94891113941
Status: Answered

Chosen Option: 2

Q.30 Five friends, G, H, I, J and K, are standing in a row (not necessarily in the same order).

- 1. The person in the middle is between J and I.
- 2. G is at the left end.
- 3. K is the neighbour of both J and I.

Who is standing at the right end?

Ans



X 2. I

X 3. K

X 4. J

Question ID : 9489113501 Option 1 ID : 94891114004

Option 2 ID: 94891114001 Option 3 ID: 94891114002

Option 4 ID : 94891114003

Status: Answered

Chosen Option : 1

Q.31 The Ministry of Human Resource Development has designed a one stop education portal which caters to the needs of students, starting from elementary students to research, scholars, teachers and life-long learners. What is the name of this portal?

Ans

N 1. PRASHIKSHAK

√ 2. SAKSHAT

X 3. PADHAI

X 4. DIKSHA

Question ID: 9489113136

Option 1 ID: 94891112542

Option 2 ID: 94891112544

Option 3 ID: 94891112543

Option 4 ID: 94891112541

Status : Answered

Ans	Q.32	The mean of the first ten even natural numbers is:		
X 2 8 3 11 X 4 9 Question ID: 9489113469 Option 1 ID: 9489113873 Option 3 ID: 9489113873 Option 3 ID: 9489113875 Option 4 ID: 9489113875 Option 4 ID: 9489113875 Option 4 ID: 9489113875 Option 4 ID: 9489113876 Status: Answered Chosen Option: 3 Question ID: 9489113129 Option 1 ID: 9489113129 Option 1 ID: 9489113129 Option 1 ID: 9489113213 Option 3 ID: 9489113218 Option 4 ID: 9489113218 Option 4 ID: 9489113218 Option 4 ID: 9489113218 Option 5 ID: 9489113218 Option 6 ID: 9489113218 Option 1 ID: 9489113104 Option 1 ID: 9489113214 Option 3 ID: 9489113214 Option 3 ID: 9489113214 Option 1 ID: 9489113216 Status: Answered	Ans			
Question ID: 9489113874 Option 1 D: 9489113873 Option 3 D: 94891113875 Option 4 D: 94891113875 Option 4 D: 94891113875 Option 4 D: 94891113875 Status: Answered Chosen Option: 3 Question ID: 9489113876 Status: Answered Chosen Option: 3 Question ID: 9489113129 Option 1 D: 9489111215 Option 2 D: 9489111215 Option 3 D: 9489111215 Question ID: 9489111216 Status: Answered Chosen Option: 2 Question ID: 9489111216 Option 1 D: 9489111214 Option 1 D: 9489111216 Status: Answered				
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Q.33 Name the writ under which the court orders that the arrested person should be presented before it or can order to set fire an arrested person it the namer or grounds of arrest are NOT lawful or satisfactory. Ans				
Chosen Option: 3 Q.33 Name the writt under which the court orders that the arrested person should be presented before it or can order to set free an arrested person if the manner or grounds of arrest are NOT lawful or satisfactory. Ans				
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Ans	Q.33		re it or can order to set free	
	Ans			
X 3. Mandamus X 4. Certiorari Question ID : 9489113129 Option 1 ID : 94891112515 Option 2 ID : 94891112513 Option 3 ID : 94891112514 Option 4 ID : 94891112516 Status : Answered Chosen Option : 2 Q.34 Who among the following Nobel Prize winners is the founder of a grassroots movement to combat deforestation? Ans X 1. Francoise Barre X 2. Linda Buck 3. Wangari Mathai X 4. May- Britt Moser Question ID : 9489113104 Option 1 ID : 94891112415 Option 2 ID : 94891112415 Option 3 ID : 94891112414 Option 3 ID : 94891112414 Option 4 ID : 94891112416 Status : Answered		- 10 000 0000 - 000 0000 0000 0000 0000		
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Question ID: 94891112414 Qption 3 ID: 94891112514 Qption 4 ID: 94891112516 Status: Answered Chosen Option: 2 Q.34 Who among the following Nobel Prize winners is the founder of a grassroots movement to combat deforestation? Ans				
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Option 1 ID : 94891112415 Option 2 ID : 94891112414 Option 3 ID : 94891112413 Option 4 ID : 94891112416 Status : Answered			Ouestion ID : 9489113104	
Option 3 ID : 94891112413 Option 4 ID : 94891112416 Status : Answered				
Option 4 ID : 94891112416 Status : Answered				
Status : Answered			·	

Q.35 The radius of a semicircular compound is 35 m. What will be its circumference? Ans X 1. 45 m ✓ ^{2.} 180 m X 3. 135 m X 4. 90 m Question ID: 9489113466 Option 1 ID: 94891113861 Option 2 ID: 94891113864 Option 3 ID: 94891113863 Option 4 ID: 94891113862 Status: Answered Chosen Option: 2 Q.36 Which of the following river's section was declared as National Waterway-2 in 1988? Ans X 1 Krishna X 2. Narmada 3. Brahmaputra X 4. Ganga Question ID: 9489113140 Option 1 ID: 94891112559 Option 2 ID: 94891112560 Option 3 ID: 94891112557 Option 4 ID: 94891112558 Status: Answered Chosen Option: 3 Q.37 Who along with Motilal Nehru formed the Swaraj Party within the Congress to argue for a return to council politics? Ans √ ¹. CR Das X 2. Jawaharlal Nehru X 3. BR Ambedkar X 4. Subhas Chandra Bose Question ID: 9489113120 Option 1 ID: 94891112477 Option 2 ID: 94891112478 Option 3 ID: 94891112480 Option 4 ID: 94891112479 Status: Answered Chosen Option: 1

Q.38 20 years ago, the average age of a husband and his wife was 23 years. Now, the average age of the family consisting of the husband, wife and their son is 34 years. The present age of the son is:

Ans

- X 1. 34 years
- √ 2. 16 years
- × 3. 24 years
- X 4 42 years

Question ID: 9489113473 Option 1 ID: 94891113889 Option 2 ID: 94891113892 Option 3 ID: 94891113891

Option 4 ID: 94891113890 Status: Answered

Chosen Option: 2

Q.39 In the expansion of $(x + 3)^3$, the coefficient of x is:

- Ans X 1. 9
 - X 2. 1
 - X 3. 18
 - **√** 4. 27

Question ID: 9489113464

Option 1 ID: 94891113853

Option 2 ID: 94891113854 Option 3 ID: 94891113855

Option 4 ID: 94891113856

Status: Answered

Chosen Option: 4

Q.40 The ratio of the area of a circle and that of an equilateral triangle, where the diameter of the circle is equal to the sides of the equilateral tringle, is:

Ans

- \times $\pi:\sqrt{2}$
 - \checkmark ². $\pi:\sqrt{3}$
 - \times 3. π : 1
- \times 4. $\sqrt{3}$: π

Question ID: 9489113467

Option 1 ID: 94891113866

Option 2 ID: 94891113867

Option 3 ID: 94891113868

Option 4 ID: 94891113865

Status: Answered

Ans X 1. 11 X 2. 9 **√** 3. 10 X 4. 12 Question ID: 9489113499 Option 1 ID: 94891113995 Option 2 ID: 94891113994 Option 3 ID: 94891113993 Option 4 ID: 94891113996 Status: Answered Chosen Option: 3 Q.42 What is the scale for measuring a hydrogen ion concentration in a solution? Ans √ ¹. pH scale X 2. OH scale X 3. Hydrogen scale X 4. dB scale Question ID: 9489113112 Option 1 ID: 94891112448 Option 2 ID: 94891112445 Option 3 ID: 94891112446 Option 4 ID: 94891112447 Status: Answered Chosen Option: 1 Q.43 Pointing to a photograph of a man, a woman said, "That man is the son of the only brother of my husband." How is the woman related to the man in the photograph? X 1. Maternal Aunt Ans × 2. Mother X 3. Sister 4. Paternal Aunt Question ID: 9489113475 Option 1 ID: 94891113900 Option 2 ID: 94891113898 Option 3 ID: 94891113897 Option 4 ID: 94891113899 Status: Answered Chosen Option: 4

Q.41 In a row of girls, Rajeshwari is fifth from one extreme and sixth from the other. Find the total number of girls in the row.

Q.44 Tendu, Amaltas, Bel are common trees found in which type of forests in India? Ans X 1. Tropical thorny forests √ 2. Dry deciduous forests X 3. Moist deciduous forests Montane forests

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Mo Question ID: 9489113125 Option 1 ID: 94891112500 Option 2 ID: 94891112498 Option 3 ID: 94891112499 Option 4 ID: 94891112497 Status: Answered Chosen Option: 2 Q.45 A 600 m long train is running at the speed of 72 km/h. How much time will it take to cross a 200 m long bridge? Ans X 1 10 s X 2. 30 s X 3. 20 s **√** ^{4.} 40 s Question ID: 9489113462 Option 1 ID: 94891113848 Option 2 ID: 94891113845 Option 3 ID: 94891113846 Option 4 ID: 94891113847 Status: Answered Chosen Option: 4 Q.46 Median of 14, 14, 15, 17, 16, 17, 17, 22, 13 is: Ans 🗸 1. 16 X 2. 15 X 3. 17 X 4. 14 Question ID: 9489113468 Option 1 ID: 94891113869 Option 2 ID: 94891113870 Option 3 ID: 94891113871 Option 4 ID: 94891113872 Status: Answered Chosen Option: 1

Find the value of:

(0.63÷1.26)×4+5×3

Ans X 1. 16

√ 2. 17

X 3. 15

X 4. 18

Question ID: 9489113446

Option 1 ID: 94891113782

Option 2 ID: 94891113783

Option 3 ID: 94891113781

Option 4 ID: 94891113784 Status: Answered

Chosen Option: 2

A number exceeds 25% of itself by 60. the number is:

Ans X 1. 65

√ 2. 80

X 3. 45

X 4. 75

Question ID: 9489113455

Option 1 ID: 94891113820

Option 2 ID: 94891113819

Option 3 ID: 94891113818 Option 4 ID: 94891113817

Status: Answered

Chosen Option: 4

Q.49 Which Mughal monument was designed by Ustad Ahmed Lahori and declared a UNESCO World Heritage site in 1983?

Ans

X 1 Red Fort

√ 2. Taj Mahal

X 3. Agra Fort

X 4. Humayun's Tomb

Question ID: 9489113109

Option 1 ID: 94891112436

Option 2 ID: 94891112433

Option 3 ID: 94891112435

Option 4 ID: 94891112434

Status: Answered

Q.50 Four fractions have been given, out of which three are alike in some manner and one is different. Select the one that is different from the rest.



 $\frac{1}{15}$





 \times 3. $\frac{65}{16}$



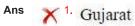
Question ID: 9489113493

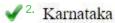
Option 1 ID: 94891113969 Option 2 ID: 94891113972 Option 3 ID: 94891113970 Option 4 ID: 94891113971

Status: Answered

Chosen Option: 1

Q.51 Yakshagana is a folk performance of which Indian state?





X 3. Maharashtra

X 4. Assam

Question ID: 9489113107

Option 1 ID: 94891112426 Option 2 ID: 94891112427

Option 3 ID: 94891112425 Option 4 ID: 94891112428 Status: Answered

Chosen Option: 2

Q.52 Solve the following.

$$(\sqrt{3} - \sqrt{2}) \times (\sqrt{3} + \sqrt{2}) = ?$$

$$\times$$
 3. $(\sqrt{3} + \sqrt{2})$

Question ID: 9489113451

Option 1 ID: 94891113802

Option 2 ID: 94891113803

Option 3 ID: 94891113804 Option 4 ID: 94891113801

Status: Answered

The quadratic equation whose one root is $3 + \sqrt{5}$, is:

Ans
$$\times$$
 1. $x^2 - 6x - 4 = 0$

$$\sqrt{2}$$
 $x^2 - 6x + 4 = 0$

$$\times$$
 3. $x^2 + 6x + 4 = 0$

$$\times$$
 4. $x^2 + 6x - 4 = 0$

Question ID: 9489113465

Option 1 ID: 94891113858

Option 2 ID: 94891113857

Option 3 ID: 94891113859 Option 4 ID: 94891113860

Status: Not Answered

Chosen Option: --

Q.54 The mean of the first twelve prime numbers is:

Question ID: 9489113472

Option 1 ID: 94891113887

Option 2 ID: 94891113886

Option 3 ID: 94891113888

Option 4 ID: 94891113885 Status: Answered

Chosen Option: 2

Q.55 The decimal expansion of $\frac{27}{25}$ will terminate after:

Ans X 1. three decimal places

× 2. one decimal place

√ 3. two decimal places

× 4. more than three decimal places

Question ID: 9489113447

Option 1 ID: 94891113787

Option 2 ID: 94891113785

Option 3 ID: 94891113786

Option 4 ID: 94891113788

Status: Answered

Q.56 What is another name for calcium oxide?

Ans 1. Lime soda

X ² Baking soda

√^{3.} Quick lime

X 4. Cement

Question ID: 9489113111
Option 1 ID: 94891112443
Option 2 ID: 94891112444
Option 3 ID: 94891112441
Option 4 ID: 94891112442
Status: Answered

Chosen Option: 3

Q.57 Which of the following is NOT a part of the National Social Assistance Programme?

Ans X 1. Indira Gandhi National Disability Pension Scheme

X 2. Indira Gandhi National Widow Pension Scheme

X 3. Annapurna

√ 4. AYUSH

Question ID : 9489113142
Option 1 ID : 94891112566
Option 2 ID : 94891112567
Option 3 ID : 94891112567
Option 4 ID : 94891112568
Status : Answered

Chosen Option: 4

Q.58 Who was one of the founders of American computer company Sun microsystems later acquired by oracle?

Ans

Vinod Khosla

X 2. Satya Nadella

X ^{3.} Sunder Pichai

X 4. Sabeer Bhatia

Question ID : 9489113137

Option 1 ID : 94891112548

Option 2 ID: 94891112547

Option 3 ID: 94891112545

Option 4 ID: 94891112546

Status: Not Answered

In which of the following states in India the 'rat hole mining' is still practised? Ans X 1. Gujarat √² Meghalaya X 3. Maharashtra X 4. Jharkhand Question ID: 9489113123 Option 1 ID: 94891112491 Option 2 ID: 94891112492 Option 3 ID: 94891112490 Option 4 ID: 94891112489 Status: Not Answered Chosen Option: --Name the drainage pattern where the river originates from a hill and flows in all directions. Ans X 1 Dendritic × 2. Centripetal X 3. Trellis 4. Radial Question ID: 9489113126 Option 1 ID: 94891112504 Option 2 ID: 94891112501 Option 3 ID: 94891112502 Option 4 ID: 94891112503 Status: Answered Chosen Option: 1 Q.61 Which flagship programme under the Ministry of Rural Development aims to organise the rural poor women into their own institutions like self-help groups and their federations, producers' collectives etc. and also ensure their financial inclusion and livelihood support? Ans * The National Social Assistance Programme (NSAP) Rashtriya Krishi Vikas Yojana **X** 3. Mahatma Gandhi National Rural Employment Guarantee Programme (MGNREGA) Deendayal Antyodaya Yojana - National Rural Livelihoods Mission (DAY-NRLM) Question ID: 9489113143 Option 1 ID: 94891112569 Option 2 ID: 94891112570 Option 3 ID: 94891112572 Option 4 ID: 94891112571 Status: Answered

Q.62 In February 2019, which communication satellite was launched by ISRO to help in bulk data transfer for telecommunication applications? Ans √ ¹. GSAT-31 X 2. GSAT-32 X 3. GSAT-13 X 4. GSAT-30 Question ID: 9489113130 Option 1 ID: 94891112518 Option 2 ID: 94891112517 Option 3 ID: 94891112519 Option 4 ID: 94891112520 Status: Answered Chosen Option: 4 Q.63 Rahul is shorter than Raman. Ramesh is shorter than Ravi but taller than Raman. Who among them is the tallest? X 1. Raman Ans × 2. Rahul X 3. Ramesh 4. Ravi Question ID: 9489113487 Option 1 ID: 94891113945 Option 2 ID: 94891113948 Option 3 ID: 94891113946 Option 4 ID: 94891113947 Status: Answered Chosen Option: 4 The HCF of 24 and 144 is '10p + 4', then the value of 'p' is: X 1. 1 Ans X 2. 4 **√** 3. 2 X 4. 3 Question ID: 9489113448 Option 1 ID: 94891113789 Option 2 ID: 94891113792 Option 3 ID: 94891113790 Option 4 ID: 94891113791 Status: Answered Chosen Option: 3

Q.65 Name the Shiva temple near Taliparamba in Kerala, where women are allowed to enter only after 8 p.m. A unique feature of this temple is the absence of a flagstaff.

Ans

X 1. Gokarnanatheshwara Temple

√ 2. Rajarajeshwara temple

X ^{3.} Mallikarjun Temple

X 4. Rameswaram Mahadeva Temple

Question ID: 9489113110
Option 1 ID: 94891112440
Option 2 ID: 94891112438
Option 3 ID: 94891112437

Option 4 ID: 94891112439
Status: Answered

Chosen Option: 3

Q.66 Who among the following is NOT a Cabinet Minister?

Ans

- X 1. Minister of Home Affairs
- √² Minister of State in the Ministry of Defence
- X 3. Minister of External Affairs
- Minister of Law and Justice

Question ID: 9489113128

Option 1 ID : 94891112509 Option 2 ID : 94891112512

Option 3 ID : 94891112510

Option 4 ID: 94891112511

Status : Answered

Chosen Option: 2

Q.67 Three different positions of the same dice are shown. Select the letter that will be on the face opposite to the one having







Ans

X S

X 2. 7

X 3. R

4. p

Question ID: 9489113503

Option 1 ID: 94891114012

Option 2 ID: 94891114010

Option 3 ID : 94891114011

Option 4 ID : **94891114009**Status : **Answered**

Q.68 What is the language spoken by a majority of the people in Lakshadweep?

Ans

- √¹ Malayalam
- X 2. Marathi
- X 3. Konkani
- × 4 Kannada

Question ID: 9489113122

Option 1 ID : 94891112485 Option 2 ID : 94891112486 Option 3 ID : 94891112487

Option 4 ID : **94891112488**Status : **Answered**

Chosen Option: 4

Q.69 At which university did Mahatma Gandhi make his first public appearance in 1916 after returning from South Africa to India?

Ans

- ¹ Banaras Hindu University
- × 2. Aligarh Muslim University
- X^{3.} Allahabad University
- X 4. University of Mumbai

Question ID: 9489113121

Option 1 ID : 94891112483 Option 2 ID : 94891112482

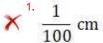
Option 3 ID: 94891112481

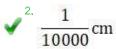
Option 4 ID : **94891112484**Status : **Answered**

Chosen Option: 3

Q.70 A photograph of a bacteria enlarged 60000 times attains a length of 6 cm. The actual length of bacteria is:

Ans





$$\times$$
 4. $\frac{1}{1000}$ cm

Question ID: 9489113460

Option 1 ID: 94891113840

Option 2 ID: 94891113839

Option 3 ID : 94891113837 Option 4 ID : 94891113838

Status : Answered

12, 49, 197, 789, ? Ans X 1. 2341 × 2. 1845 √ 3. 3157 X 4. 4029 Question ID: 9489113484 Option 1 ID: 94891113934 Option 2 ID: 94891113933 Option 3 ID: 94891113935 Option 4 ID: 94891113936 Status: Answered Chosen Option: 3 Q.72 Name the German chemist who grouped elements into triads in 1817. Ans X 1. Dmitri Ivanovich Mendeleev X 2. John Newlands Johann Wolfgang Dobereiner X 4. Henry Moseley Question ID: 9489113114 Option 1 ID: 94891112455 Option 2 ID: 94891112454 Option 3 ID: 94891112453 Option 4 ID: 94891112456 Status: Answered Chosen Option: 2 Q.73 In 1930, who organised the Dalits into the Depressed Classes Association and demanded separate electorates for them? X 1. Abdul Gaffar Khan X 2. Jawahar Lal Nehru X 3. Mahatma Gandhi BR Ambedkar Question ID: 9489113117 Option 1 ID: 94891112467 Option 2 ID: 94891112468 Option 3 ID: 94891112465 Option 4 ID: 94891112466

Status: Answered

Chosen Option: 4

Q.71 Select the number that can replace the question mark (?) in the following series.

Q.74 Which Indian state has declared Malkhamb as it state sport? Ans 🗸 1. Madhya Pradesh X 2. Uttar Pradesh X 3. Haryana X 4. Uttarakhand Question ID: 9489113106 Option 1 ID: 94891112424 Option 2 ID: 94891112422 Option 3 ID: 94891112421 Option 4 ID: 94891112423 Status: Answered Chosen Option: 4 Q.75 If 2+2=12, 3+3=24, 4+4=34 and 5+5=42, then what will be the value of 8+8? Ans X 1. 56 **√** 2. 54 X 3. 50 X 4. 52 Question ID: 9489113500 Option 1 ID: 94891114000 Option 2 ID: 94891113999 Option 3 ID: 94891113997 Option 4 ID: 94891113998 Status: Not Answered Chosen Option: --Q.76 Which of the following is a property of an ionic compound? X 1. It is hard and does not break easily. ✓ 2. It has a high melting point and boiling point. 3. It is soluble in solvents such as kerosene and petrol. 4. It conducts electricity in the solid state. Question ID: 9489113116 Option 1 ID: 94891112461 Option 2 ID: 94891112463 Option 3 ID: 94891112462 Option 4 ID: 94891112464 Status: Answered Chosen Option: 1

Q.77 From where did India's Polar Satellite Launch Vehicle (PSLV-C45) successfully launch EMISAT and 28 international customer satellites on 1st April 2019?

Ans

- Spaceport in French Guiana
- √ 2. Satish Dhawan Space Centre
- X 3. UR Rao Satellite Centre
- Centre Spatial Guyanais, Kourou

Question ID: 9489113131 Option 1 ID: 94891112523 Option 2 ID: 94891112524 Option 3 ID: 94891112522

Option 4 ID: 94891112521 Status: Answered

Chosen Option: 2

Q.78 "The Nice Guy Who Finished First" is the biography of which famous sportsperson?

Ans

- √ ¹ Rahul Dravid
- X 2. David Beckham
- X 3. Michael Phelps
- X 4. Tiger Woods

Question ID: 9489113105

Option 1 ID: 94891112417

Option 2 ID: 94891112420

Option 3 ID: 94891112419 Option 4 ID: 94891112418

Status: Not Answered

Chosen Option: --

Q.79 From which Constitution has the Fundamental Rights in the Indian Constitution drawn?

- Ans X 1. Britain
 - X 2. Switzerland
 - ✓ 3. United States
 - X 4. Soviet Union

Question ID: 9489113127

Option 1 ID: 94891112505

Option 2 ID: 94891112508

Option 3 ID: 94891112507

Option 4 ID: 94891112506

Status: Answered

Q.80 On heating gypsum at 373 k, it loses water molecules and becomes calcium sulphate hemihydrate. This substance is used to make toys, material for decoration and smooth surfaces. What is this substance commonly known as? X 1. Cement Ans X 2. Alabaster 3. Plaster of Paris X 4. Clay Question ID: 9489113113 Option 1 ID: 94891112450 Option 2 ID: 94891112452 Option 3 ID: 94891112451 Option 4 ID: 94891112449 Status: Answered Chosen Option: 3 Q.81 The HCF of the least prime number and the least composite natural number is: Ans X 1. 4 V 2. 2 X 3. 1 X 4. 3 Question ID: 9489113444 Option 1 ID: 94891113776 Option 2 ID: 94891113774 Option 3 ID: 94891113773 Option 4 ID: 94891113775 Status: Answered Chosen Option: 3 Q.82 The National TB programme (NTP) was launched by the Government of India in year ____ in the form of District TB Centre Model involved with BCG Vaccination and TB treatment. Ans √ 1. 1962 X 2. 1963 X 3. 1961 X 4. 1960 Question ID: 9489113135 Option 1 ID: 94891112539 Option 2 ID: 94891112540 Option 3 ID: 94891112538 Option 4 ID: 94891112537 Status: Answered Chosen Option: 2

Q.83 Which place in India was known as 'kala pani'?

Ans

1. Gulf of Kutch

2. Kerala's backwaters

X ^{3.} Lakshadweep
✓ ^{4.} Andaman Islands

Question ID : 9489113124

Option 1 ID : 94891112493

Option 2 ID : 94891112494

Option 3 ID : 94891112496

Option 4 ID : 94891112495

Status : Answered

Chosen Option: 4

Q.84 Where is the office of the United Nations Environment Programme (UNEP) located in India?

Ans X 1. Chennai
X 2. Bangalore

X ^{3.} Mumbai
✓ ^{4.} New Delhi

Question ID: 9489113133
Option 1 ID: 94891112532
Option 2 ID: 94891112531
Option 3 ID: 94891112530
Option 4 ID: 94891112529
Status: Answered

Chosen Option: 4

Q.85 A tank has two inlets A and B that can fill it in 5 h and 6 h respectively. An outlet C can empty the full tank in 30 h. If all the three pipes are opened together in the empty tank, how much time will the pipes take to fill the tank?

Ans X 1. 5 h

× 2. 4 h

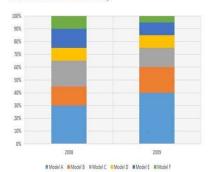
X ^{3.} 2 h
✓ ^{4.} 3 h

Question ID: 9489113463
Option 1 ID: 94891113852
Option 2 ID: 94891113849
Option 3 ID: 94891113851

Option 4 ID : **94891113850**Status : **Answered**

Q.86 The given graph shows the percentage-wise distribution of different mobile phone models (A to F) produced by a mobile company in 2008 and 2009. The total number of mobile phones produced in 2008 was 4,50,000 and that in 2009 was 6,40,000.

(If a value for any model in between a range, consider it to be at midpoint, e.g any point between 10 and 20 should be considered 15.)



What is the total number of mobile phones produced of models C, D and F in 2008?

Ans

√ 1. 1,80,000

× 2. 1,35,000

× 3. 2,25,000

× 4. 2,02,500

Question ID: 9489113489

Option 1 ID: 94891113954

Option 2 ID: 94891113956

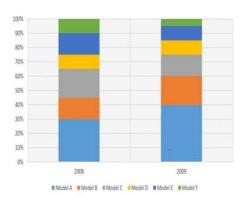
Option 3 ID: 94891113955

Option 4 ID: 94891113953

Status : Answered

Q.87 The given graph shows the percentage-wise distribution of different mobile phone models (A to F) produced by a mobile company in 2008 and 2009. The total number of mobile phones produced in 2008 was 4,50,000 and that in 2009 was 6,40,000.

(If a value for any model in between a range, consider it to be at midpoint, e.g any point between 10 and 20 should be considered 15.)



For which model was the increase/decrease in production volume between 2008 and 2009 the minimum?

Ans

X 1. Model C

X 2. Model A

X 3. Model B

√ 4. Model E

Question ID : 9489113490

Option 1 ID: 94891113959

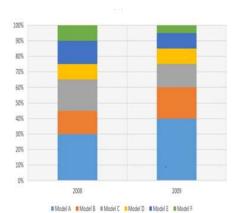
Option 2 ID: 94891113957

Option 3 ID : 94891113958 Option 4 ID : 94891113960

Status : Answered

Q.88 The given graph shows the percentage-wise distribution of different mobile phone models (A to F) produced by a mobile company in 2008 and 2009. The total number of mobile phones produced in 2008 was 4,50,000 and that in 2009 was 6,40,000.

(If a value for any model in between a range, consider it to be at midpoint, e.g any point between 10 and 20 should be considered 15.)



The state of the s

What is the difference between the numbers of Model B sets produced in 2008 and 2009?

Ans

X 1,21,000

√ 2. 60,500

× 3. 65,000

× 4. 22,000

Question ID: 9489113491

Option 1 ID: 94891113964

Option 2 ID: 94891113963

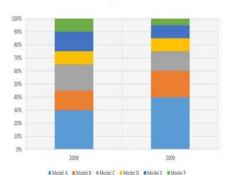
Option 3 ID: 94891113962 Option 4 ID: 94891113961

Status : Answered

Otatao . And

Q.89 The given graph shows the percentage-wise distribution of different mobile phone models (A to F) produced by a mobile company in 2008 and 2009. The total number of mobile phones produced in 2008 was 4,50,000 and that in 2009 was 6,40,000.

(If a value for any model in between a range, consider it to be at midpoint, e.g any point between 10 and 20 should be considered 15.)



If 90% of Model C sets produced by the company were sold each year, then how many of them were remaining at the end of 2009?

Ans



× 4. 1,67,400

Question ID: 9489113492
Option 1 ID: 94891113968
Option 2 ID: 94891113966
Option 3 ID: 94891113967

Option 4 ID : 94891113965

Status : Answered

Chosen Option : 2

Q.90 Anuj, Ankit, Anu and Alka are teachers who teach Biology, History and Mathematics. Biology is the only subject taught by two teachers, one of whom is male. Two of the four are married to each other and they teach History and Biology respectively. Ankit teaches Biology and is unmarried.

Which subject does Anuj teach?

Ans

Mathematics

√² History

X ^{3.} Biology

X 4. Cannot be determined

Question ID: 9489113496

Option 1 ID: 94891113982 Option 2 ID: 94891113981 Option 3 ID: 94891113983

Option 4 ID : **94891113984**Status : **Answered**

Q.91 Select the number from among the given options that can replace the question mark (?) in the following series. D4R22H8Y15P? X 1. 18 Ans X 2. 7 **√** 3. 24 X 4. 20 Question ID: 9489113488 Option 1 ID: 94891113950 Option 2 ID: 94891113952 Option 3 ID: 94891113949 Option 4 ID: 94891113951 Status: Not Answered Chosen Option: --Q.92 'Minute' is related to 'Hour' in the same way as 'Inch' is related to '_____. Ans X 1. Measure ✓^{2.} Foot X 3. Metre X 4. Centigrade Question ID: 9489113477 Option 1 ID: 94891113905 Option 2 ID: 94891113906 Option 3 ID: 94891113908 Option 4 ID: 94891113907 Status: Answered Chosen Option: 3 Q.93 Select the option in which the words share the same relationship as that shared by the given set of words. Whisper : Singing : Sound Ans X 1. Babies : Soft : Cute × 2. Sea : Underneath : Large √ 3. Magazine: Book: Read X 4. Road : Vehicle : Destination Question ID: 9489113479 Option 1 ID: 94891113913 Option 2 ID: 94891113916 Option 3 ID: 94891113915 Option 4 ID: 94891113914 Status: Answered Chosen Option: 2

Q.94 Select the word from the following options that CANNOT be formed using the letters of the given word.

CATASTROPHE

Ans X 1. STAR

X 2. CASTOR

√ 3. TROPHY

X 4. TRAP

Question ID: 9489113494 Option 1 ID: 94891113976 Option 2 ID: 94891113973 Option 3 ID: 94891113975

Option 4 ID: 94891113974 Status: Answered

Chosen Option: 3

Q.95 Read the given statement and conclusions carefully and decide which of the conclusions logically follow(s) from the

Statement:

The postal system of India was started by the Britishers in 1764.

Conclusions:

I: Postal mails are often delayed or go missing.

II: Postmen are poorly paid, so they tend to make mistakes.

Ans

Note: 1 Only conclusion II follows.

Note: 2. Only conclusion I follows.

Neither conclusion I nor II follows.

X⁴ Both the conclusions follow.

Question ID: 9489113482 Option 1 ID: 94891113926 Option 2 ID: 94891113925 Option 3 ID: 94891113928 Option 4 ID: 94891113927

Status: Answered

Chosen Option: 3

Q.96 If GOES is coded as 715519, then what will be the code for FAST?

Ans X 1. 511620

✓ 2. 611920

X 3. 512620

X 4. 611519

Question ID: 9489113476 Option 1 ID: 94891113904

Option 2 ID: 94891113903 Option 3 ID: 94891113902

Option 4 ID: 94891113901

Status: Answered

X 2. 73 **√** 3. 67 X 4. 71 Question ID: 9489113497 Option 1 ID: 94891113986 Option 2 ID: 94891113988 Option 3 ID: 94891113985 Option 4 ID: 94891113987 Status: Answered Chosen Option: 3 Q.98 H has three times as many cards as R has. If H gives 50 cards to R, R will have three times as many cards as H has. How many cards does H have? Ans X 1. 50 X 2. 25 **√** 3. 75 X 4. 100 Question ID: 9489113483 Option 1 ID: 94891113930 Option 2 ID: 94891113929 Option 3 ID: 94891113931 Option 4 ID: 94891113932 Status: Answered Chosen Option: 3 **Q.99** If x = -2, y = 3, Quantity $A = -x^2y^3$ and Quantity B = 0, then which of the following statements is correct with respect to Quantities A and B? Ans X 1. Quantity A is greater. X 2. Both Quantities A and B are equal. 3. Impossible to determine.

Q.97 In a certain code language, 'VLGH' is written as '52', 'QBNZ' is written as '62'. What is the code for 'XPRF' in that

code language?

Ans 1. 69

Quantity B is greater.

Question ID: 9489113485
Option 1 ID: 94891113937
Option 2 ID: 94891113939
Option 3 ID: 94891113940
Option 4 ID: 94891113938
Status: Answered

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

Ans X 1. BDG

√². MOQ

Х 3. ДО

X 4. RTW

Question ID: 9489113495 Option 1 ID: 94891113978

Option 2 ID: 94891113977 Option 3 ID: 94891113979

Option 4 ID: 94891113980 Status: Answered

Chosen Option: 2

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