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०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Center Name	TCS Gito Bitan
Test Date	12/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level I

<sup>\*</sup> Note

Correct Answer will carry 1 mark per Question.

Incorrect Answer will carry 1/3 Negative mark per Question.

- 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	· RRB	NTPC	Gradua	ate Level	1

Q.1 If 20% of k is 10 less than 1200% of 10, then k is:

Ans 🛷 1. 550

**X** 2. 590

**X** 3. 530

**X** 4. 510

Q.2 In Windows XP, which component provides a graphical interface for users to open and access software programs and applications?

Ans

1. Start Menu

X 2. File Explorer

X 3. Control Panel

X 4. Task Manager

Q.3 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. B lives on a floor that is a prime number. The product of floors on which B and D live is 3. Only 2 people live above C. F lives immediately below A. How many people live between A and C?

Ans X 1. 2

X 2 3

**3**. 1

**X** 4. 4

Q.4 What should come in place of the question mark (?) in the given series?

43 27 43 41 43 55 43 ?

Ans X 1. 43

X 2.73

**X** 3. 77

**4**. 69

Q.5 Co-operative societies are primarily accountable to which of the following?

Ans X 1. Central Government

X 2. Reserve Bank of India

X 3. Local Municipal Body

4. Co-operative Society Members

	If (3, 2) are coordinates of the centroid of a triangle, whose vertices are (0, 4), (-2, 0) and
	(p, 2), then find the value of p. www.govtjobsalert.in
	<b>X</b> 2. 8
	✓ 3. 11
	<b>×</b> 4. 9
0.7	A. D. C. D. D. C. and T. and citting arranged a circular table facing the control of the table. C.
	A, B, C, D, R, S and T are sitting around a circular table facing the centre of the table. S sits fourth to the left of C. R sits fourth to the right of A. Only two people sit between C and A when counted from the left of C. D is not an immediate neighbour of R or C. B is not an immediate neighbour of D. Who sits fourth to the right of T?
	<b>X</b> 1. C
	<b>★</b> 2. A
	<b>✓</b> 3. S
	<b>★</b> 4. R
Q.8	What should come in place of the question mark (?) in the given series?
	962 960 956 950 942 ?
Ans	<b>★</b> 1. 930
	<b>★</b> 2. 936
	<b>★</b> 3. 934
	<b>✓</b> 4. 932
	The cost of 15 pens and 6 pencils is ₹291. If the cost of a pen decreases by ₹9 and the cost of a pencil increases by ₹2, then the cost of 9 pens and 3 pencils is ₹75. What is the original cost of 12 pens and 3 pencils?
Ans	<b>√</b> 1. ₹159
	<b>X</b> 2. ₹157
	<b>X</b> 3. ₹158
	<b>X</b> 4. ₹161
	If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 8132574, how many digits will appear more than once in the new number thus formed?
Ans	<b>✓</b> 1. 2
	<b>★</b> 2. 4
	<b>★</b> 3. 3
	<b>×</b> 4. 1
Q.11	What happens to magnetic fields when a material becomes superconducting and
	experiences the Meissner effect?
Ans	X 1. Magnetic fields are increased in strength within the material.
	X 2. Magnetic fields penetrate the material freely.
	✓ 3. Magnetic fields are completely expelled from the interior of the material.
	X 4. Magnetic fields are absorbed and stored inside the material.
	The Palk Strait separates India from which of the following countries?
Ans	•
	X 2. Bangladesh
	X 3. Myanmar
	✓ 4. Sri Lanka

Q.13	Harappan seals were made mostly from which of the following?
Ans	× 1. Terracotta www.govtjobsalert.in
	✓ 2. Steatite
	X 3. Iron
	× 4. Marble
	Which file format is used for saving MS PowerPoint templates?
Ans	X 1ppsx
	<b>★</b> 2ppmx
	√ 3potx
	X 4pptx
	Three numbers are in the ratio $\frac{5}{14}:\frac{16}{13}:\frac{20}{14}$ . The difference betwee
]	Find the largest number.
	+ — — — — — — — — — — — — — — — — — — —
Ans	<b>★</b> 1.41
	<b>★</b> 2. 39
	<b>★</b> 3. 42
	<b>✓</b> 4. 40
	<ul> <li>X 1. 5.25 per cent</li> <li>X 2. 6.25 per cent</li> <li>X 3. 6.0 per cent</li> <li>X 4. 5.50 per cent</li> </ul> What happens when you press Ctrl + S while working on a document in computer system? <ul> <li>✓ 1. Saves the current document</li> <li>X 2. Searches the document</li> <li>X 3. Starts a slide show</li> <li>X 4. Sends the document</li> </ul>
,	In a certain code language, 'A + B' means 'A is the sister of B' 'A – B' means 'A is the brother of B' 'A × B' means 'A is the wife of B' 'A ÷ B' means 'A is the father of B'.
	Based on the above, how is M related to Q if 'M ÷ N × O − P + Q'?
Ans	✓ 1. Brother's Wife's Father
	× 2. Wife's Father
	X 3. Wife's Brother
	X 4. Brother's Wife's Brother
(	In quadrilateral PQRS, the bisectors of $\angle$ R and $\angle$ S meet at point T (inside the quadrilateral) and $\angle$ STR = 32.5°. If the ratio of $\angle$ P to $\angle$ Q is 4 : 9, then what is the difference between the measures of $\angle$ Q and $\angle$ P?
Ans	<b>X</b> 1. 24°
	<b>★</b> 2. 27°
	✓ 3. 25°
	<b>★</b> 4. 28°

Q.20 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows. Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table. Numb 2 er/sym bol Code L С M Κ Ρ В Q Ζ R В U F **Conditions:** If the first element is a symbol and the last an odd number, the codes for these two (the first and the last elements) are to be interchanged. If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©. If both second and third elements are perfect squares, the third element is to be coded as the code for the second element. What will be the code for the following group? +6#5 √ 1. BCZP Ans X 2. PCZB X 3. PCCB X 4. PZZB Q.21 How much will a sum of ₹72,000 become after one year if the interest is compounded half-yearly at 10% per annum compound interest? **X** 1. ₹80,378 X 2. ₹78,632 3. ₹79,380 **X** 4. ₹79,510 Q.22 In Windows OS, which of the following actions will permanently delete a file without sending it to the Recycle Bin? Ans X 1. Right-click and select Open X 2. Rename the file 3. Press Shift + Delete 4. Press the Delete key Q.23 Where was the World Economic Forum Annual Meeting held in January 2025? X 1. Basel, Switzerland X 2. Geneva, Switzerland X 3. Zurich, Switzerland

4. Davos, Switzerland

Q.24 DG 24 is related to WT 20 in a certain way based on the English alphabetical order. In the same way, IL 18 is related to BY 14. To which of the following is QT 30 related, following the same logic?

**Ans 1**. JG 26

X 2. JG 34

🗙 3. RU 26

X 4. HF 28

Q.25	Refer to the following number and symbol series and answer the question that follows.  Counting to be done from left to right only an any ground of the colors in the colo
	Counting to be done from left to right only www.govtjobsalert.in
	(Left) 2 @ % * 2 7 4 8 € @ % © \$ 7 6 6 * \$ 7 £ 7 6 (Right)
	How many such numbers are there each of which is immediately preceded by a number and also immediately followed by a symbol?
Ans	<b>✓</b> 1. 2
	<b>★</b> 2. 3
	<b>★</b> 3. 4
	<b>★</b> 4. 1
	Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group?  (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)
Ans	✓ 1. GNJ
	X 2. PWR
	<b>★</b> 3. JQL
	<b>★</b> 4. MTO
Q.27	What is the third proportional of 2x <sup>2</sup> and 12xy?
Ans	$\times$ 1. 74 $y^2$
	$\times$ 2. 73 $y^2$
	<b>★</b> 3. 71y <sup>2</sup>
	<b>✓</b> 4. 72y <sup>2</sup>
	A person who spends 50% of his monthly income is able to save ₹7,056 per month. His monthly expenses (in ₹) are:
	X 1. 7,024
	<b>X</b> 2. 7,039
	<b>✓</b> 3. 7,056
	<b>X</b> 4. 6,987
	What type of majority is required to pass laws under Articles 2 and 3, as per Article 4(2) in Indian parliament?
	★ 1. State ratification
	X 2. Two-thirds majority
	✓ 3. Simple majority
	X 4. Special majority
	What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and '*' and '÷' are interchanged?  45 ÷ 12 - 75 × 5 + 13 = ?
Ans	√ 1. 542
	<b>★</b> 2. 546
	<b>★</b> 3. 545
	<b>X</b> 4. 544

Q.31	Ravi travels fron	ı City A	to C	ity B	vW'	Ravi W.g	<del>divt</del>	jdb	säle	ertzir	of his r
	Find the time (in	minutes	tha	t Rav	zi wo	ould l	ıave	take	n to tı	ravel	from C
Ans	<b>1</b> . 12					,					· ·
	<b>×</b> 2. 5										
	<b>X</b> 3. 19										
	X 4. 3										
	4. 3										
	In this question, a gro table given below and						ımber	s and	symbo	ls as pe	er the
	Letter	U	M	S	J	P	Т	F	E	A	
	Code	7	4	@	\$	%	*	6	2	3	
	Conditions:  1. If the 1 <sup>st</sup> letter is a code of the consonal  2. If the 1 <sup>st</sup> and last le  3. If the 2 <sup>nd</sup> and last le  What is the correct coment in the following letters	nt. etters are v etters are ombination	owels	s, both s, thei	are to	be co	oded a	s 'N'. nterch	nanged		
	UJEPA										
Ans	X 1.7 \$ 2 % N									1	
	× 2.7 \$ 2 % 3										
	X 3. N \$ 2 % 3										
	✓ 4. N \$ 2 % N						X				
	Which of the followin given series to make				rs will	l repla	ce the	quest	tion ma	ırk (?) i	n the
	GM17, IO25, KQ33, M	S41, ?			. (						
Ans	<b>✓</b> 1. OU49										
	× 2. OV49										
	<b>✗</b> 3. OU48		1								
	<b>★</b> 4. OV48										
	In a certain code land What is the code for						nd 'DC	GS' is	coded	l as '36'	71'.
	X 1. 3	D III tho g	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ouo iu	nguu;	, .					
	<b>X</b> 2. 2										
	<b>X</b> 3. 1										
	<b>✓</b> 4. 6										
	A vendor buys 42 lap laptop bags should b								37,345	. How r	nany
Ans	<b>X</b> 1. 76										
	<b>X</b> 2. 34										

**※** 3. 16 **✓** 4. 52

i	incurred on selling it for ₹1,756. In order to gain 50%, find the selling price (in ₹)
Ans	<b>★</b> 1. 7,148
	<b>√</b> 2. 7,149
	<b>★</b> 3. 7,151
	<b>X</b> 4. 7,150
i 1 I	M, N, O, P, Y and Z live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. Only three people live between Y and Z, where Y lives below Z. P lives on an odd numbered floor and immediately above Y. O lives on one of the floors below M and on one of the floors above N. Who lives on floor numbered 4?
Ans	<b>★</b> 1. M
	<b>★</b> 2. Z
	<b>✓</b> 3. O
	<b>★</b> 4. P
Q.38 \	Which reformer gave the slogan 'One God, One Caste'?
Ans	✓ 1. Jyotiba Phule
	★ 2. Keshub Chandra Sen
	★ 3. Narayana Guru
	X 4. Dayanand Saraswati
Q.39 \	Which country took over the presidency of the G7 in January 2025?
	X 1. Australia
	X 2. France
	✓ 3. Canada
	★ 4. Britain
0.40	A chanksoner marks the price of an article at \$5.400. Find the cost price if after allowing
	A shopkeeper marks the price of an article at ₹5,180. Find the cost price if after allowing a discount of 31% he still gains 5% on the cost price.
Ans	<b>X</b> 1. ₹3,376
	<b>×</b> 2. ₹3,470
	<b>√</b> 3. ₹3,404
	<b>X</b> 4. ₹3,387
	The 'Drain of Wealth' theory, <mark>which</mark> highlighted the economic exploitation of India under British rule, was prominently advocated by whom?
Ans	✓ 1. Dadabhai Naoroji
	X 2. Gopal Krishna Gokhale
	X 3. Lala Lajpat Rai
	X 4. Bipin Chandra Pal
Q.42	The famous 'Trimurti' sculpture is present in which of the following caves?
	X 1. Karle caves
	× 2. Ajanta caves
	X 3. Ellora caves
	✓ 4. Elephanta caves

Q.36 On selling a stool for ₹8,378, the value of gain is 20% more than the value of loss

	Two positive numbers differ by 2134. When the greater number is divided by the smaller number, the quotient is 2 and the remainder is 147. What is the HCF of the greater of the two given numbers and 4225?
Ans	<b>X</b> 1. 16
	<b>✓</b> 2. 13
	<b>★</b> 3. 11
	<b>★</b> 4. 10
Q.44	Samudrayaan, scheduled for 2026, involves which of the following?
Ans	★ 1. Deep-sea mining using robots
	✓ 2. Sending scientists 6,000 meters underwater
	X 3. Launching underwater satellites
	X 4. Testing ocean-based launch platforms
	RR 14 is related to UN 3 in a certain way. In the same way, BV 10 is related to ER -1. To which of the given options is PE 1 related, following the same logic?
Ans	<b>★</b> 1. VS -9
	<b>★</b> 2. RI 8
	<b>★</b> 3. PV 2
	✓ 4. SA -10
Q.46	Which of the following ratios is the greatest?
Ans	<b>★</b> 1. 27 : 76
	<b>★</b> 2. 31 : 72
	<b>★</b> 3. 38 : 77
	<b>✓</b> 4. 34 : 51
	Gopal bought 51 books at ₹1,120 per book from one shop and 45 books at ₹920 per book from another. What is the average price (in ₹) he paid per book?
Ans	X 1. 1,016.25
	× 2. 1,041.25
	<b>✓</b> 3. 1,026.25
	<b>★</b> 4. 1,036.25
Q.48	When were the Municipal Corporations of Calcutta and Bombay established?
Ans	<b>X</b> 1. 1850
	<b>×</b> 2. 1919
	<b>★</b> 3. 1882
	√ 4. 1726
	Select the set in which the numbers are related in the same way as are the numbers of the following sets.
	(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
	(25, 900, 18) (23, 874, 19)
	X 1. (49, 1575, 16)
	<b>×</b> 2. (30, 1147, 19)
	√ 3. (42, 1176, 14)
	<b>X</b> 4. (40, 807, 10)

Q.50	A tap fills a cistern in 9 hours. Another tap empties the full tank in 90 hours. How long (in hours) will it take to fill twice the volume of the tank, if the tank is empty initially and both the taps are open together?
Ans	X 1. 15
	<b>★</b> 2.5
	<b>★</b> 3. 10
	<b>✓</b> 4. 20
	<b>V</b>
Q.51	Mr. O starts from Point L and drives 3 km towards the south. He then takes a left turn, drives 3 km, turns right and drives 4 km. He then takes a left turn and drives 4 km. He takes a final left turn, drives 7 km and stops at Point M. How far (shortest distance) and towards which direction should he drive in order to reach Point L again? (All turns are 90 degree turns only unless specified.)
Ans	1. 4 km towards the south
	X 2. 3 km towards the north
	X 3. 7 km towards the east
	✓ 4. 7 km towards the west
Q.52	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 conclusion(s) logically follow(s) from the statements.
	Statements: Some trees are flowers. All flowers are beautiful. Some beautiful are girls.
	Conclusions:
	(I) Some flowers are trees. (II) Some beautiful are flowers.
Ans	★ 1. Only conclusion (II) follows.
	✓ 2. Both conclusions (I) and (II) follow.
	X 3. Only conclusion (I) follows.
	★ 4. Neither conclusion (I) nor (II) follows.
O 53	'The Flying Apsara' painting is a masterpiece in which of the following caves?
	X 1. Karle
	✓ 2. Ajanta
	X 3. Ellora
	X 4. Elephanta
Q.54	Refer to the following number and symbol series and answer the question that follows.  Counting to be done from left to right only.
	(Left) £ @ 5 6 3 © & 4 9 % * \$ \$ % 6 & # & € © 5 8 (Right)
	How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?
Ans	<b>✓</b> 1.1
	<b>★</b> 2. 3
	<b>★</b> 3. 2
	<b>×</b> 4. 0

Q.55 A rectangular tin sheet is 32 cm long and 14 cm wide. It is rolled along its length to form a cylinder, with opposite edges just touching each other sylinder.
Ans 3585
$\times$ 1. $\frac{1}{\pi}$
$\times 2. \frac{3582}{\pi}$
3584
$\checkmark$ 3. $\frac{3364}{\pi}$
× 4. 3588
$\frac{\pi}{\pi}$
Q.56 Which of the following statements regarding the 2024 Delhi Assembly elections are correct?
<ol> <li>The candidate who won the election with the largest margin belongs to BJP.</li> <li>Parvesh Verma defeated Arvind Kejriwal in the New Delhi Assembly constituency and was elected as the Deputy Chief Minister of Delhi.</li> <li>The Aam Aadmi Party (AAP) secured 22 seats in this election.</li> </ol>
4. The Indian National Congress improved its seat tally compared to the previous
election.  Ans   ✓ 1. Only 2 and 3
× 2. Only 1 and 3
★ 3. Only 1 and 4
★ 4. Only 2, 3 and 4
A. Only 2, o und 1
Q.57 In January 2025, which filmmaker received the Satyajit Ray Lifetime Achievement
Award?
Award?  Ans X 1. Ramesh Sippy
Award?  Ans X 1. Ramesh Sippy  X 2. Anurag Kashyap
Award?  Ans X 1. Ramesh Sippy
Award?  Ans X 1. Ramesh Sippy  X 2. Anurag Kashyap  X 3. Shyam Benegal
Award?  Ans X 1. Ramesh Sippy  X 2. Anurag Kashyap  X 3. Shyam Benegal  4. Aparna Sen  Q.58 Refer to the following number and symbol series and answer the question that follows.
Award?  Ans X 1. Ramesh Sippy  X 2. Anurag Kashyap  X 3. Shyam Benegal  4. Aparna Sen  Q.58 Refer to the following number and symbol series and answer the question that follows.  Counting to be done from left to right only.
Award?  Ans
Ans   1. Ramesh Sippy 2. Anurag Kashyap 3. Shyam Benegal 4. Aparna Sen  Q.58 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.  (Left) £ % * 3 6 £ 1 @ & 8 1 5 5 3 * # @ 7 1 7 3 @ (Right)  How many such symbols are there each of which is immediately preceded by a number and also immediately followed by a number?  Ans   1. 3 2. 2 3. 1 4. 0  Q.59 A cistern has a hole in the bottom through which the water is leaking. A tap can fill the cistern in 6 hours and the hole in the bottom can empty the fully filled cistern in 15 hours. If both the tap and the hole are open, then what will be the time taken to
Award?  Ans

X 4. 22 hours

Q.60	The work 'Snowm by the Central Wa	elt Runoff Fore ter Commissio	casting in Him	nalayan River E	Basin' has bee	n taken up
Ans	X 1. Indian Space	ce Research Org	ganisation	vw.govi	<del>jobs</del> ale	run
	🗙 2. Indian Cour	ncil of Agricultur	al Research			
		emote Sensing (	Centre			
	X 4. Central Poll	ution Control Bo	pard			
0.64	Haday what aireur	watawaa aan th	a Dragidant of	India diagabra	the Lak Cabb	a hafaya ita
Q.61	Under what circur normal term expir		e President of	india dissoive	the Lok Sabha	a perore its
Ans	X 1. Whenever t	he President wi	shes, without a	ny conditions		
	X 2. When the S	Supreme Court o	rders a dissolu	tion		
	3. On the reco	ommendation of	the Prime Mini	ster		
	X 4. After consu	lting a joint sess	ion of both Hou	ises of Parliame	ent	
Q.62	If the mode of	the following	data is 165	than what i	s the value o	of v?
	II the mode of	the following	g data is 105	, men what i	s the value o	II X:
	Class	150-155	155-160	160-165	165-170	170-175
	Frequency	23	25	37	X	28
Ans	<b>X</b> 1. 43					
	<b>2</b> . 37					10'
	<b>X</b> 3. 53					
	<b>X</b> 4. 54					~°°°′′
0.63	If the eight-digit n	umbor 42277n(	19 is divisible l	ov 9 than tha	maximum valu	o of n ice
	1. 4	ulliber 45577pt	io is divisible i	by 6, then the i	naximum valu	e or p is.
	<b>X</b> 2. 6					
	<b>X</b> 3. 7					
	<b>✓</b> 4. 8					
Q.64	Where was the ce Subhas Chandra I				1 January 2025	5, to mark
Ans	✓ 1. Barabati Formula II					
	× 2. Red Fort, N					
	X 3. Netaji Bhaw	van, Kolkata, We	est Bengal			
	X 4. Victoria Me					
	Which Article of the from being employed					of 14 years
	X 1. Article 21		3,			
	× 2. Article 19					
	X 3. Article 23					
	4. Article 24					
Q.66	Based on the Eng are alike in a certa belong to that gro (Note: The odd on position in the lett	in way and thu up? e out is not ba	s form a grou	p. Which letter	-cluster pair D	OES NOT
Ans	<b>X</b> 1. KC − PT					
	✓ 2. DV – IN					
	<b>X</b> 3. BT − GK					
	<b>X</b> 4. IA − NR					

Q.67	For what values of b, the quadratic equation $4x^2 + bx + 16 = 0$ has equal real roots?
	x 1. 4 and −4 www.govtjobsalert.in
	✓ 2. 16 and -16
	X 3. −4 and −8
	X 4. 8 and −8
_	
	The arithmetic mean of the observations 83, 17, 62, 87, 62, 96, 86, 92 and 90 is:
Ans	<b>★</b> 1.85
	<b>★</b> 2.79
	<b>★</b> 3. 74
	√ 4. 75
	Mohan invested ₹1,320 at 6% per annum simple interest in a bank. What amount (in ₹) will he get after 6 years?
	<b>★</b> 1. 575.2
	<b>★</b> 2. 475.2
	<b>★</b> 3. 1,695.2
	<b>✓</b> 4. 1,795.2
	D, E, F, G, M, N and O are sitting around a circular table, facing the centre of the table.  Only E sits between N and M. M sits third to the left of O. G sits to the immediate left of
	O. D is not an immediate neighbour of M. Who sits third to the left of F?
Ans	X 1. M
	<b>★</b> 2. E
	<b>★</b> 3. D
	✓ 4. N
0.71	Which bacterial disease is specifically confirmed by a serological method?
	1 Typhoid
	× 2. Pneumonia
	★ 3. Diphtheria
	X 4. Plague
	T 4. Flague
	According to the Economic Survey 2023-24, what percentage of India's population is
	expected to reside in urban areas by 2030?  X 1. 45%
	<b>×</b> 2. 35%
	× 3. 50%
	<b>✓</b> 4. 40%
Q.73	The Periplus of the Erythraean Sea was written in the:
	X 1. 5 <sup>th</sup> century AD
	X 2. 3 <sup>rd</sup> century AD
	X 3. 2 <sup>nd</sup> century BC
	✓ 4. 1 <sup>st</sup> century AD
	•
	What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged? $41 \div 19 + 448 \times 4 - 26 = ?$
	interchanged and '*' and '÷' are interchanged? 41 ÷ 19 + 448 × 4 - 26 = ?
	interchanged and '*' and '÷' are interchanged? 41 ÷ 19 + 448 × 4 - 26 = ?
	interchanged and '*' and '÷' are interchanged? 41 ÷ 19 + 448 × 4 − 26 = ? 1. 693

### 

X 2. Federal Court

3. Privy Council in London

X 4. House of Commons

### Q.76 Which of the following ports is located in West Coastal Plain?

Ans X 1. Kolkata

2. Mangalore

X 3. Visakhapatnam

X 4. Paradip

## Q.77 Which of the following letter-number-clusters will replace the question mark (?) in the given series to make it logically complete?

VRO 6, UQN 11, TPM 16, SOL 21, ?

Ans X 1. PRN 26

X 2. PQM 25

X 4. RPM 25

# If $\sin^4\theta - \cos^4\theta = \frac{1}{2}$ , find the value of $2\sin^2\theta - 1$ .

Ans X 1. 1

 $\times$  2.  $\frac{1}{\sqrt{2}}$ 

**√** 3.  $\frac{1}{2}$ 

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

## Q.79 According to NITI Aayog, what was the reduction in the Poverty Headcount Ratio in India from 2013-14 to 2022-23?

Ans X 1. From 28% to 15%

2. From 29.17% to 11.28%

X 3. From 30% to 12.5%

X 4. From 25% to 10%

### Q.80 What is the temperature of the triple point of water on the Celsius scale?

Ans X 1.0°C

X 2. -273.15°C

X 3. 100°C

✓ 4. 0.01°C

#### Q.81 Which version of Windows introduced the Start menu?

Ans X 1. Windows 10

X 2. Windows 7

3. Windows 95

X 4. Windows XP

Q.82 In March 2025, which region was announced as the site for the world's first high-altitude para sports centre to boost preparations for the 2028 Baralympids? Salert.in		
Ans	✓ 1. Leh, Ladakh	
	× 2. Auli, Uttarakhand	
	X 3. Manali, Himachal Pradesh	
	X 4. Kargil, Ladakh	
Q.83	The value of 57 + [ 5 + { 72 - ( 24 ÷ 6 )} ÷ 4 ] is:	
Ans	<b>★</b> 1.82	
	<b>★</b> 2. 81	
	<b>★</b> 3.89	
	<b>✓</b> 4.79	
Q.84 What is the region lying to the north of the Narmada River called?		
Ans	★ 1. Eastern Ghats	
	X 2. Chota Nagpur Plateau	
	✓ 3. Central Highlands	
	★ 4. Deccan Plateau	
Q.85 Simplify: $(3z - 9y)^2 + (9z + 3y)^2 - 81z^2$		
Ans	$\times$ 1. $18z^2 + 91y^2$	
	$\times$ 2. $7z^2 + 95y^2$	
	$\times$ 3. $3z^2 + 81y^2$	
	$\checkmark$ 4. $9z^2 + 90y^2$	
Q.86 A swimmer can swim downstream at 37 km/hr and upstream at 27 km/hr. What is the speed of the swimmer in still water?		
Ans	✓ 1. 32 km/hr	
	<b>★</b> 2. 26 km/hr	
	<b>★</b> 3. 31 km/hr	
	<b>★</b> 4. 33 km/hr	
Q.87	Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.	

EA-GC-JL GC-IE-LN Ans X 1. LG-MI-PS

X 2. KG-MI-PSX 3. LG-MJ-PS✓ 4. KG-MI-PR

**Ans**  $\times$  1.  $x^2 + x + 247 = 0$ 

 $x = 2. x^2 - x - 247 = 0$   $x = 3. x^2 + x - 247 = 0$  $x = 4. x^2 - x + 247 = 0$ 

Q.88 The product of two consecutive positive integers is 247. If the smaller of these two

integers is represented by x, which of the following will correspond to the equation for finding out the value of x?

Q.89 Which programme of the Indian Government uses Socio-Economic and Caste Census (SECC) data for identifying beneficiaries?		
(SECC) data for identifying beneficiaries? WWW.govtjobsalert.in  Ans X 1. National Rural Health Mission		
🗙 2. Digital India		
✓ 3. Pradhan Mantri Awaas Yojana - Gramin		
4. Mahatma Gandhi National Rural Employment Guarantee Act		
Q.90 A cylinder is made by rolling a rectangular paper along its breadth. Find the curved surface area of the cylinder, if the length and breadth of the rectangle are 12 m and 7.48 m, respectively. (Use $\pi = \frac{22}{7}$ )		
/		
<b>Ans</b>		
<b>×</b> 2. 98.66 m <sup>2</sup>		
$\checkmark$ 3. 89.76 m <sup>2</sup>		
<b>★</b> 4. 100.24 m <sup>2</sup>		
Q.91 Shubham ranked 19 <sup>th</sup> from the top and 46 <sup>th</sup> from the bottom in his class. How many students are there in his class?  Ans		
X 2.65		
X 3. 63		
✓ 4. 64		
4.04		
Q.92 The average weight of 7 boys of a group is 54 kg. When a new boy joined the group, the average weight increased by 2 kg. Find the weight of the new boy.		
Ans ✓ 1. 70 kg		
<b>★</b> 2. 72 kg		
<b>★</b> 3. 77 kg		
<b>★</b> 4. 74 kg		
Q.93 In March 2025, India launched 'Operation Brahma' in response to which event?		
Ans 1. A devastating earthquake in Myanmar		
★ 2. A major flood in northeastern India		
★ 3. A volcanic eruption in the Andaman Islands		
X 4. A cyclone affecting the eastern coast of India		
Q.94 Where was the 2024 Regional World Children's Day commemorated by UNICEF from 15		
to 17 November?		
Ans 1. Victoria Falls, Zimbabwe		
X 2. Nairobi, Kenya		
X 3. Addis Ababa, Ethiopia		
X 4. Johannesburg, South Africa		
Q.95 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one that follows the same logic.		
REAL - LRAE - RLEA MAKE - EMKA - MEAK		
Ans X 1. HUGS - UHGS - SUGH		
✓ 2. COPE - ECPO - CEOP		
X 3. KEYS - SKEY - EYSK		
X 4. POUR - RPUO - PORU		

