



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी०ई०एन० ०८/२०२४ -७ वें सीपीसी वेतन मैट्रिक्स के लेवल १ में विभिन्न पदों हेतु

CEN 08/2024- Various Posts in Level 1 of 7th CPC Pay Matrix



Test Date	27/11/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB Level 01 Stage I

* 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 : General Science

Q.1	Which of the following statements is correct?
Ans	<input checked="" type="checkbox"/> A. Work done can only be negative. <input checked="" type="checkbox"/> B. Work done can be positive or negative depending on the direction of force. <input checked="" type="checkbox"/> C. Work done does not depend on force or displacement. <input checked="" type="checkbox"/> D. Work done can only be positive.
Q.2	Through which method of cell division are the diploid chromosomes divided into haploid gametes?
Ans	<input checked="" type="checkbox"/> A. Mitosis <input checked="" type="checkbox"/> B. Binary Fission <input checked="" type="checkbox"/> C. Amitosis <input checked="" type="checkbox"/> D. Meiosis
Q.3	The power of a lens is defined as:
Ans	<input checked="" type="checkbox"/> A. The reciprocal of its focal length in meters <input checked="" type="checkbox"/> B. The ratio of image distance to object distance <input checked="" type="checkbox"/> C. The product of its focal length and refractive index <input checked="" type="checkbox"/> D. The square of its focal length
Q.4	When a thick glass slab is placed over printed matter, the letters appear raised. This is due to _____.
Ans	<input checked="" type="checkbox"/> A. Scattering of light <input checked="" type="checkbox"/> B. Refraction of light <input checked="" type="checkbox"/> C. Total internal reflection <input checked="" type="checkbox"/> D. Polarization of light
Q.5	The motion of a satellite orbiting the Earth in a circular path at constant speed is a classic example of uniform circular motion. What property of this motion prevents its acceleration from being zero?
Ans	<input checked="" type="checkbox"/> A. The total mechanical energy is conserved, necessitating acceleration. <input checked="" type="checkbox"/> B. The direction of motion changes continuously at every point, meaning the velocity is changing. <input checked="" type="checkbox"/> C. The object's mass continually changes due to orbital dynamics. <input checked="" type="checkbox"/> D. The speed is too high for the gravitational force to sustain a constant velocity.



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Q.6	Asthma primarily affects which part of the respiratory system?
Ans	<input checked="" type="checkbox"/> A. Diaphragm <input checked="" type="checkbox"/> B. Bronchi and bronchioles <input checked="" type="checkbox"/> C. Trachea <input checked="" type="checkbox"/> D. Alveoli
Q.7	Which of the following describes an example of uniform circular motion?
Ans	<input checked="" type="checkbox"/> A. A train moving on its track <input checked="" type="checkbox"/> B. A car accelerating on its way <input checked="" type="checkbox"/> C. A ball thrown vertically upwards <input checked="" type="checkbox"/> D. A fan blade rotating at constant speed
Q.8	During reproduction, why is it important to create DNA copies?
Ans	<input checked="" type="checkbox"/> A. For blood circulation <input checked="" type="checkbox"/> B. For digestion <input checked="" type="checkbox"/> C. For inheritance of traits <input checked="" type="checkbox"/> D. For respiration
Q.9	What happens when a naphthalene ball is burnt in a metal plate in open space?
Ans	<input checked="" type="checkbox"/> A. It burns with a blue flame. <input checked="" type="checkbox"/> B. It burns with yellow flame with no deposit on the metal plate. <input checked="" type="checkbox"/> C. It burns with a yellow flame with black soot deposited on the metal plate. <input checked="" type="checkbox"/> D. It burns with a blue flame with black soot deposited on the metal plate.
Q.10	When water and nutrients are available, algae grow and multiply rapidly by the process of _____.
Ans	<input checked="" type="checkbox"/> A. spore formation <input checked="" type="checkbox"/> B. pollination <input checked="" type="checkbox"/> C. fragmentation <input checked="" type="checkbox"/> D. budding
Q.11	A coil has a resistance of $44\ \Omega$. If it is connected across a 220 V supply, what is the power consumed by the coil?
Ans	<input checked="" type="checkbox"/> A. 5 W <input checked="" type="checkbox"/> B. 1100 W <input checked="" type="checkbox"/> C. 110 W <input checked="" type="checkbox"/> D. 0.2 W
Q.12	Which of the following options best describes the term Culture Fishery?
Ans	<input checked="" type="checkbox"/> A. Catching fishes from marine water <input checked="" type="checkbox"/> B. Capturing fishes from artificial resources <input checked="" type="checkbox"/> C. Farming of the fishes <input checked="" type="checkbox"/> D. Capturing fishes from natural resources
Q.13	A body is dropped from a height. If it falls for 3.0 s and $g = 10\text{ m/s}^2$, its final velocity (v) is _____.
Ans	<input checked="" type="checkbox"/> A. 10 m/s <input checked="" type="checkbox"/> B. 30 m/s <input checked="" type="checkbox"/> C. 40 m/s <input checked="" type="checkbox"/> D. 20 m/s

Q.14	What happens when a zinc rod is placed in aqueous copper sulphate solution?
Ans	<input checked="" type="checkbox"/> A. The blue colour of the copper sulphate solution fades. <input checked="" type="checkbox"/> B. The temperature of the solution falls. <input checked="" type="checkbox"/> C. Heat is required to start the reaction. <input checked="" type="checkbox"/> D. No chemical change observed.
Q.15	The fractional atomic mass of chlorine is due to which of the following?
Ans	<input checked="" type="checkbox"/> A. Presence of ions <input checked="" type="checkbox"/> B. Presence of isotopes <input checked="" type="checkbox"/> C. Its compound nature <input checked="" type="checkbox"/> D. Experimental error
Q.16	The functional group which does NOT contain oxygen hetero atom is:
Ans	<input checked="" type="checkbox"/> A. halo alkane <input checked="" type="checkbox"/> B. ketone <input checked="" type="checkbox"/> C. carboxylic acid <input checked="" type="checkbox"/> D. alcohol
Q.17	What is the main role of micelles in the cleansing action of soap?
Ans	<input checked="" type="checkbox"/> A. To trap and remove oil and dirt from clothes <input checked="" type="checkbox"/> B. To reduce the hardness of water <input checked="" type="checkbox"/> C. To produce lather with water <input checked="" type="checkbox"/> D. To increase the surface tension of water
Q.18	Which poultry are birds farmed to produce eggs?
Ans	<input checked="" type="checkbox"/> A. Milch <input checked="" type="checkbox"/> B. Common carp <input checked="" type="checkbox"/> C. Layers <input checked="" type="checkbox"/> D. Broilers
Q.19	Statement 1: The potential difference is measured in volts. Statement 2: One volt is equal to one newton per coulomb. Which of the following is true?
Ans	<input checked="" type="checkbox"/> A. Both Statements 1 and 2 are correct. <input checked="" type="checkbox"/> B. Only Statement 2 is correct. <input checked="" type="checkbox"/> C. Both Statements 1 and 2 are incorrect. <input checked="" type="checkbox"/> D. Only Statement 1 is correct.
Q.20	The frequency of a sound wave is 50 Hz. How much time will it take to complete one wave?
Ans	<input checked="" type="checkbox"/> A. 50 s <input checked="" type="checkbox"/> B. 0.02 s <input checked="" type="checkbox"/> C. 0.2 s <input checked="" type="checkbox"/> D. 5 s
Q.21	Which of the following statements best explains the Law of Constant Proportions?
Ans	<input checked="" type="checkbox"/> A. Elements are always found in random ratios in a compound. <input checked="" type="checkbox"/> B. Atoms can be divided into smaller particles during a reaction. <input checked="" type="checkbox"/> C. Mass can neither be created nor destroyed in a chemical reaction. <input checked="" type="checkbox"/> D. A chemical compound always contains the same elements in the same proportion by mass.

Q.22	Which of the following is NOT used for expressing the concentration of a solution?
Ans	<input checked="" type="checkbox"/> A. Volume by Volume percentage of a solution <input checked="" type="checkbox"/> B. Volume by Mass percentage of a solution <input checked="" type="checkbox"/> C. Mass by volume percentage of a solution <input checked="" type="checkbox"/> D. Mass by mass percentage of a solution
Q.23	Which of the following plant tissue performs photosynthesis?
Ans	<input checked="" type="checkbox"/> A. Chlorenchyma <input checked="" type="checkbox"/> B. Sclerenchyma <input checked="" type="checkbox"/> C. Xylem <input checked="" type="checkbox"/> D. Phloem
Q.24	Which of the following life processes is important to bring variation in species?
Ans	<input checked="" type="checkbox"/> A. Heterotrophic nutrition <input checked="" type="checkbox"/> B. Transportation <input checked="" type="checkbox"/> C. Autotrophic nutrition <input checked="" type="checkbox"/> D. Sexual reproduction
Q.25	Which of the following metals is extracted in the middle of the activity series?
Ans	<input checked="" type="checkbox"/> A. Gold <input checked="" type="checkbox"/> B. Potassium <input checked="" type="checkbox"/> C. Iron <input checked="" type="checkbox"/> D. Sodium

Section : Mathematics

Q.26	P is any point inside the rectangle ABCD. If PA = 98 cm, PB = 91 cm and PC = 21 cm, then the length of PD (in cm) is equal to:
Ans	<input checked="" type="checkbox"/> A. 38 <input checked="" type="checkbox"/> B. 41 <input checked="" type="checkbox"/> C. 46 <input checked="" type="checkbox"/> D. 42
Q.27	The vertices of a convex pentagon (in order) are P(0,0), Q(6,0), R(8,3), S(4,7), T(0,4). Find the area of the pentagon.
Ans	<input checked="" type="checkbox"/> A. 42 sq. units <input checked="" type="checkbox"/> B. 36 sq. units <input checked="" type="checkbox"/> C. 39 sq. units <input checked="" type="checkbox"/> D. 45 sq. units
Q.28	A metal rod is divided into three parts, A, B and C. The lengths of A and B are in the ratio 9 : 20, and the lengths of C and B are in the ratio 5 : 11. If the difference between the lengths of A and C is 10 cm, find the total length (in cm) of the metal rod.
Ans	<input checked="" type="checkbox"/> A. 4202 <input checked="" type="checkbox"/> B. 4199 <input checked="" type="checkbox"/> C. 4190 <input checked="" type="checkbox"/> D. 4180

Q.29	Soniya got married 15 years ago. Her present age is $\frac{8}{5}$ times her age at the time of her marriage. Her sister was 8 years younger to her at the time of her marriage. Find the present age of her sister.
Ans	<input checked="" type="checkbox"/> A. 32 years <input checked="" type="checkbox"/> B. 24 years <input checked="" type="checkbox"/> C. 40 years <input checked="" type="checkbox"/> D. 28 years
Q.30	The average age of 26 students of a class is 26 years. If the age of the teacher is also included, the average age of the whole group becomes 27 years. The age (in years) of the teacher is:
Ans	<input checked="" type="checkbox"/> A. 44 <input checked="" type="checkbox"/> B. 50 <input checked="" type="checkbox"/> C. 57 <input checked="" type="checkbox"/> D. 53
Q.31	If $\Delta \times 2.2 + 0.33 \times \frac{3}{4} - \frac{1}{20} \times 0.55 = 0.99$, then the value of Δ is:
Ans	<input checked="" type="checkbox"/> A. 0.35 <input checked="" type="checkbox"/> B. 1 <input checked="" type="checkbox"/> C. 0.25 <input checked="" type="checkbox"/> D. 0
Q.32	If 20% of a number is added to 90, then the result is the same number. 80% of the same number is:
Ans	<input checked="" type="checkbox"/> A. 90 <input checked="" type="checkbox"/> B. 120 <input checked="" type="checkbox"/> C. 110 <input checked="" type="checkbox"/> D. 100
Q.33	Smriti goes to a shopping mall at a speed of 21 km/hr and returns at a speed of 69 km/hr. Find her average speed (in km/hr) for the entire trip.
Ans	<input checked="" type="checkbox"/> A. 40.2 <input checked="" type="checkbox"/> B. 30.3 <input checked="" type="checkbox"/> C. 32.2 <input checked="" type="checkbox"/> D. 23.4
Q.34	An article was bought for ₹8,900. Its price was marked up by 40%. Thereafter, it was sold at a discount of 5% on the marked price. What was the profit percentage on the transaction?
Ans	<input checked="" type="checkbox"/> A. 32% <input checked="" type="checkbox"/> B. 34% <input checked="" type="checkbox"/> C. 35% <input checked="" type="checkbox"/> D. 33%
Q.35	If $p = 6$, $q = -3$, then the value of $p^3 - 3p^2 + 3p + 3q + 3q^2 + q^3$ is:
Ans	<input checked="" type="checkbox"/> A. -61 <input checked="" type="checkbox"/> B. 61 <input checked="" type="checkbox"/> C. 117 <input checked="" type="checkbox"/> D. -117

Q.36	Which of the following ratios is equivalent to 3 : 2?
Ans	<input checked="" type="checkbox"/> A. 53 : 38 <input checked="" type="checkbox"/> B. 51 : 37 <input checked="" type="checkbox"/> C. 52 : 34 <input checked="" type="checkbox"/> D. 54 : 36
Q.37	The cost of a washing machine is 40% less than the cost of a TV. If the cost of the washing machine increases by 52% and that of the TV decreases by 76%, then what is the percentage change in the total cost of 5 washing machines and 2 TVs?
Ans	<input checked="" type="checkbox"/> A. Decrease by 3% <input checked="" type="checkbox"/> B. Decrease by 2% <input checked="" type="checkbox"/> C. Increase by 0.8% <input checked="" type="checkbox"/> D. Increase by 5%
Q.38	If $\tan\theta = \frac{12}{5}$, what is the value of $\sec\theta$?
Ans	<input checked="" type="checkbox"/> A. $\frac{13}{12}$ <input checked="" type="checkbox"/> B. $\frac{5}{13}$ <input checked="" type="checkbox"/> C. $\frac{12}{5}$ <input checked="" type="checkbox"/> D. $\frac{13}{5}$
Q.39	The total surface area of a solid right circular cylinder is 542 cm^2 . Its curved surface area is two-fifth of its total surface area. Find the curved surface area of the cylinder.
Ans	<input checked="" type="checkbox"/> A. 315.4 cm^2 <input checked="" type="checkbox"/> B. 212.5 cm^2 <input checked="" type="checkbox"/> C. 513.2 cm^2 <input checked="" type="checkbox"/> D. 216.8 cm^2
Q.40	Two numbers have an HCF of 18 and an LCM of 1512. If one of the numbers is 126, find the positive difference between these numbers.
Ans	<input checked="" type="checkbox"/> A. 126 <input checked="" type="checkbox"/> B. 90 <input checked="" type="checkbox"/> C. 216 <input checked="" type="checkbox"/> D. 256
Q.41	$\frac{1}{20}$ is what percentage of $\frac{10}{40}$?
Ans	<input checked="" type="checkbox"/> A. 30% <input checked="" type="checkbox"/> B. 40% <input checked="" type="checkbox"/> C. 35% <input checked="" type="checkbox"/> D. 20%
Q.42	In statistics out of 100, the marks of 21 students in final exams are as 90, 95, 95, 94, 90, 85, 84, 83, 85, 81, 92, 93, 82, 78, 79, 81, 80, 82, 85, 76, 85, then the mode of data is:
Ans	<input checked="" type="checkbox"/> A. 84 <input checked="" type="checkbox"/> B. 83 <input checked="" type="checkbox"/> C. 87 <input checked="" type="checkbox"/> D. 85

Q.43	A fruit vendor bought 150 mangoes. He sold them at such a price that the selling price of 120 mangoes equals the cost price of 150 mangoes. Find his profit percentage.
Ans	<input checked="" type="checkbox"/> A. 30% <input checked="" type="checkbox"/> B. 35% <input checked="" type="checkbox"/> C. 25% <input checked="" type="checkbox"/> D. 20%
Q.44	Three pipes, A, B and C, can fill a tank from empty to full in 40 minutes, 20 minutes and 30 minutes, respectively. When the tank is empty, all the three pipes are opened. A, B and C discharge chemical solutions P, Q and R, respectively. What is the proportion of solution Q in the liquid in the tank after 9 minutes?
Ans	<input checked="" type="checkbox"/> A. $\frac{3}{4}$ <input checked="" type="checkbox"/> B. $\frac{6}{13}$ <input checked="" type="checkbox"/> C. $\frac{7}{13}$ <input checked="" type="checkbox"/> D. $\frac{3}{13}$
Q.45	Two-fifth of a container is filled with blue liquid, one-third of the remaining container is filled with black liquid, five-sixth of the still remaining container is filled with yellow liquid and the remaining 4.2 litres is of white colour. Find the total capacity of the container.
Ans	<input checked="" type="checkbox"/> A. 72 litres <input checked="" type="checkbox"/> B. 63 litres <input checked="" type="checkbox"/> C. 60 litres <input checked="" type="checkbox"/> D. 78 litres
Q.46	A 325 m long train overtakes a man moving at a speed of 5 km/hr (in the same direction) in 45 seconds. How much time (in seconds) will it take this train to completely cross another 440 m long train, moving in the opposite direction at a speed of 20 km/hr?
Ans	<input checked="" type="checkbox"/> A. 54 <input checked="" type="checkbox"/> B. 40 <input checked="" type="checkbox"/> C. 52 <input checked="" type="checkbox"/> D. 51
Q.47	$\text{Simplify } \frac{[3\frac{1}{4} \div \{1\frac{1}{4} - 0.5(2\frac{1}{2} - \frac{1}{12})\}]}{5 \times \frac{1}{15}}.$
Ans	<input checked="" type="checkbox"/> A. 234 <input checked="" type="checkbox"/> B. 134 <input checked="" type="checkbox"/> C. 434 <input checked="" type="checkbox"/> D. 334
Q.48	A and B working together can do a piece of work in 6 days. B alone can do the same work in 12 days. How long (in days) will A alone take to do double the work?
Ans	<input checked="" type="checkbox"/> A. 12 <input checked="" type="checkbox"/> B. 25 <input checked="" type="checkbox"/> C. 24 <input checked="" type="checkbox"/> D. 27

Q.49	A scheme like 'Buy 6, Get 4 Free' on the same kind of articles with the same MRP attracts a _____ % discount.
Ans	<input checked="" type="checkbox"/> A. 67.67 <input checked="" type="checkbox"/> B. 40 <input checked="" type="checkbox"/> C. 41 <input checked="" type="checkbox"/> D. 66.67
Q.50	The amount on a sum of ₹6,800 at 15% per annum compound interest, compounded annually, in 2 years' time, will be:
Ans	<input checked="" type="checkbox"/> A. ₹7,996 <input checked="" type="checkbox"/> B. ₹8,641 <input checked="" type="checkbox"/> C. ₹9,393 <input checked="" type="checkbox"/> D. ₹8,993

Section : General Intelligence and Reasoning

Q.51	<p>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', and $A \# B$ means 'A is the father of B'.</p> <p>How is O related to V if 'O + P \# T @ G - V'?</p>
Ans	<input checked="" type="checkbox"/> A. Wife's father's mother <input checked="" type="checkbox"/> B. Wife's mother <input checked="" type="checkbox"/> C. Wife's father's sister <input checked="" type="checkbox"/> D. Wife's sister
Q.52	<p>If + means $-$, $-$ means \times, \times means \div and \div means $+$, then what will come in place of the question mark (?) in the following equation?</p> $84 - 6 \div 371 + 648 \times 8 = ?$
Ans	<input checked="" type="checkbox"/> A. 797 <input checked="" type="checkbox"/> B. 794 <input checked="" type="checkbox"/> C. 799 <input checked="" type="checkbox"/> D. 795
Q.53	<p>In a certain code language, 'OVAL' is coded as '5294' and 'LOVE' is coded as '8549'. What is the code for 'E' in the given code language?</p>
Ans	<input checked="" type="checkbox"/> A. 8 <input checked="" type="checkbox"/> B. 5 <input checked="" type="checkbox"/> C. 9 <input checked="" type="checkbox"/> D. 4
Q.54	<p>Refer to the following number series and answer the question that follows. All numbers are single-digit numbers only. Counting to be done from left to right only.</p> <p>(Left) 4 6 5 8 2 2 1 8 2 9 8 4 7 4 8 2 4 3 1 4 1 2 7 2 6 (Right)</p> <p>How many such numbers are there, each of which is immediately preceded by a perfect square and also immediately followed by a perfect square? (Note: 1 is also a perfect square.)</p>
Ans	<input checked="" type="checkbox"/> A. Two <input checked="" type="checkbox"/> B. Four <input checked="" type="checkbox"/> C. Three <input checked="" type="checkbox"/> D. One

Q.55	What should come in place of the question mark (?) in the given series? 61 85 109 133 157 ?
Ans	<input checked="" type="checkbox"/> A. 179 <input checked="" type="checkbox"/> B. 183 <input checked="" type="checkbox"/> C. 181 <input checked="" type="checkbox"/> D. 185
Q.56	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	<input checked="" type="checkbox"/> A. OSN <input checked="" type="checkbox"/> B. GKE <input checked="" type="checkbox"/> C. NRL <input checked="" type="checkbox"/> D. LPJ
Q.57	Alex starts from Point A and drives 8 km towards the east. He then takes a left turn, drives 6 km, turns left and drives 17 km. He then takes a left turn and drives 13 km. He takes a final left turn, drives 9 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only, unless specified.)
Ans	<input checked="" type="checkbox"/> A. 8 km to the north <input checked="" type="checkbox"/> B. 7 km to the north <input checked="" type="checkbox"/> C. 8 km to the south <input checked="" type="checkbox"/> D. 7 km to the south
Q.58	What should come in place of the question mark (?) in the given series? 991 989 985 979 971 ?
Ans	<input checked="" type="checkbox"/> A. 967 <input checked="" type="checkbox"/> B. 963 <input checked="" type="checkbox"/> C. 961 <input checked="" type="checkbox"/> D. 969
Q.59	If + means -, - means \times , \times means \div and \div means +, then what will come in place of the question mark (?) in the following equation? $173 - 3 \div 282 + 164 \times 4 = ?$
Ans	<input checked="" type="checkbox"/> A. 769 <input checked="" type="checkbox"/> B. 761 <input checked="" type="checkbox"/> C. 760 <input checked="" type="checkbox"/> D. 766
Q.60	UI 12 is related to YK -2 in a certain way. In the same way, OL 9 is related to SN -5. To which of the following is PQ 15 related, following the same logic?
Ans	<input checked="" type="checkbox"/> A. ST 3 <input checked="" type="checkbox"/> B. TT 3 <input checked="" type="checkbox"/> C. SS 1 <input checked="" type="checkbox"/> D. TS 1

Q.61 Refer to the given number, symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.

(Left) 8 \$ 3 Ω 9 % 4 6 7 1 * £ 5 # 2 + & (Right)

How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by another symbol?

Ans A. 4

B. 3

C. 1

D. 2

Q.62 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 which follows the same logic.

URIC - CRUI - RIUC

KIDS - SIKD - IDKS

Ans A. NAVY - YANV - VANY

B. OPEN - OEPN - NEPO

C. FADE - EAFD - ADFE

D. MALE - AMLE - EALM

Q.63 In a certain code language, 'house sip head' is coded as 'bm ma px' and 'head wood robot' is coded as 'pz bm ey'. How is 'head' coded in the given language?

Ans A. ma

B. bm

C. pz

D. px

Q.64 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 its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(14, 42, 3)

(12, 60, 5)

Ans A. (15, 45, 4)

B. (11, 55, 6)

C. (13, 39, 3)

D. (16, 42, 2)

Q.65 Refer to the following number series and answer the question that follows (all numbers are single-digit numbers only). Counting to be done from left to right only.

(Left) 6 5 8 8 5 4 7 7 4 2 7 9 2 2 5 7 4 8 8 2 1 8 9 (Right)

How many such odd digits are there, each of which is immediately preceded by an odd digit and also immediately followed by an odd digit?

Ans A. One

B. Two

C. None

D. Three

Q.66	<p>What should come in place of the question mark (?) in the given series, based on the English alphabetical order?</p> <p>RJV QIU PHT OGS ?</p>	
Ans	<p><input checked="" type="checkbox"/> A. NHT</p> <p><input checked="" type="checkbox"/> B. NFR</p>	
	<p><input checked="" type="checkbox"/> C. PFR</p>	
	<p><input checked="" type="checkbox"/> D. PHT</p>	
Q.67	<p>Read the given statement(s) and conclusions carefully. Assuming that the information given in the statement(s) 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 statement(s).</p> <p>Statements: Some hats are caps. No cap is a vest.</p> <p>Conclusions: (I) Some hats are vests. (II) Some caps are hats.</p>	
Ans	<p><input checked="" type="checkbox"/> A. Both conclusions (I) and (II) follow.</p>	
	<p><input checked="" type="checkbox"/> B. Only conclusion (II) follows.</p>	
	<p><input checked="" type="checkbox"/> C. Neither conclusion (I) nor (II) follows.</p>	
	<p><input checked="" type="checkbox"/> D. Only conclusion (I) follows.</p>	
Q.68	<p>Seven people, A, B, C, D, E, F and G, are sitting in a row, facing north. Only five people sit to the right of A. Only five people sit to the left of B. F is the immediate neighbour of G and E. C sits second to the left of E.</p> <p>How many people sit to the left of G?</p>	
Ans	<p><input checked="" type="checkbox"/> A. Three</p>	
	<p><input checked="" type="checkbox"/> B. One</p>	
	<p><input checked="" type="checkbox"/> C. Four</p>	
	<p><input checked="" type="checkbox"/> D. Two</p>	
Q.69	<p>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?</p> <p>(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)</p>	
Ans	<p><input checked="" type="checkbox"/> A. UTR</p>	
	<p><input checked="" type="checkbox"/> B. IHF</p>	
	<p><input checked="" type="checkbox"/> C. ZZW</p>	
	<p><input checked="" type="checkbox"/> D. NMK</p>	
Q.70	<p>Madhur ranked 58th from the top and 6th from the bottom in his class. How many students are there in his class?</p>	
Ans	<p><input checked="" type="checkbox"/> A. 61</p>	
	<p><input checked="" type="checkbox"/> B. 64</p>	
	<p><input checked="" type="checkbox"/> C. 63</p>	
	<p><input checked="" type="checkbox"/> D. 62</p>	

Q.71	<p>If 'A' stands for '÷', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '−', what will be come in place of question mark '?' in the following equation?</p> <p>15 A 3 B 10 C 8 D 12 = ?</p>
Ans	<p><input checked="" type="checkbox"/> A. 46 <input checked="" type="checkbox"/> B. 47 <input checked="" type="checkbox"/> C. 44 <input checked="" type="checkbox"/> D. 45</p>
Q.72	<p>Seven people B, C, D, I, J, K and L are sitting in a straight line facing north. Only two people sit to the right of C. Only two people sit between C and B. Only two people sit between D and K. Only three people sits between C and D. J sits to the immediate right of I. How many people sit(s) to the right of L?</p>
Ans	<p><input checked="" type="checkbox"/> A. Three <input checked="" type="checkbox"/> B. Four <input checked="" type="checkbox"/> C. One <input checked="" type="checkbox"/> D. Two</p>
Q.73	<p>Ajay starts from Point A and drives 16 km towards the west. He then takes a right turn, drives 8 km, then turns left and drives 7 km. He then takes a left turn and drives 8 km. He takes a final right turn, drives 2 km, and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90-degrees turns only, unless specified.)</p>
Ans	<p><input checked="" type="checkbox"/> A. 7 km towards north <input checked="" type="checkbox"/> B. 11 km towards west <input checked="" type="checkbox"/> C. 25 km towards east <input checked="" type="checkbox"/> D. 16 km towards east</p>
Q.74	<p>Radhika ranked 21st from the top and 7th from the bottom in her class. How many students are there in the class?</p>
Ans	<p><input checked="" type="checkbox"/> A. 19 <input checked="" type="checkbox"/> B. 20 <input checked="" type="checkbox"/> C. 27 <input checked="" type="checkbox"/> D. 28</p>
Q.75	<p>Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete? HBE22 ICF29 JDG36 KEH43 ?</p>
Ans	<p><input checked="" type="checkbox"/> A. LFI51 <input checked="" type="checkbox"/> B. LFJ50 <input checked="" type="checkbox"/> C. LFI50 <input checked="" type="checkbox"/> D. LFJ51</p>
Q.76	<p>What should come in place of the question mark (?) in the given series?</p> <p>616 610 612 606 608 ?</p>
Ans	<p><input checked="" type="checkbox"/> A. 602 <input checked="" type="checkbox"/> B. 601 <input checked="" type="checkbox"/> C. 603 <input checked="" type="checkbox"/> D. 604</p>

Q.77 O, P, Q, R, W, X and Y are sitting in a straight line, facing north. Only two people sit to the left of P. Only three people sit between P and W. Only one person sits between W and X. R sits to the immediate left of O. Y is not an immediate neighbour of W. How many people sit to the right of Q?

Ans A. Three

B. Four

C. One

D. Two

Q.78 RR 4 is related to UQ -14 in a certain way. In the same way, II 8 is related to LH -10. To which of the given options is MO 12 related, following the same logic?

Ans A. PN -6

B. HY -5

C. GT -2

D. NH 9

Q.79 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statement(s) 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 statement(s).

Statements:

Some pizzas are cupcakes.

All buns are cupcakes.

Conclusions:

(I) Some pizzas are buns.

(II) All cupcakes are buns.

Ans A. Only conclusion (II) follows.

B. Both conclusions (I) and (II) follow.

C. Only conclusion (I) follows.

D. Neither conclusion (I) nor (II) follows.

Q.80 Refer to the following number series and answer the question that follows. (All numbers are single-digit numbers only.) (Counting to be done from left to right only.)

(Left) 2 8 2 3 2 7 9 3 5 4 6 8 9 4 4 7 8 7 5 4 3 5 5 6 2 9 8 (Right)

How many such odd numbers are there, each of which is immediately preceded by an odd number and also immediately followed by an odd number?

Ans A. 3

B. 5

C. 4

D. 6

Section : General Awareness and Current Affairs

Q.81 On 24 May 2025, the order of which High Court was overturned by the Supreme Court and ruled that denying maternity leave for a third child violates a woman's constitutional right, reinforcing her dignity and reproductive freedom?

Ans A. Allahabad High Court

B. Hyderabad High Court

C. Bombay High Court

D. Madras High Court

Q.82	Which of the following new digital facilities was launched in May 2025 by the Union Ministry of Social Justice and Empowerment during the 'Ageing with Dignity' event?
Ans	<input checked="" type="checkbox"/> A. Senior Citizens Welfare Portal <input checked="" type="checkbox"/> B. Digital Life Certificate Platform <input checked="" type="checkbox"/> C. Employment Exchange Portal for Senior Citizens <input checked="" type="checkbox"/> D. One-Stop Senior Citizens Services Portal
Q.83	In 2025, which city in Maharashtra has achieved 100% segregation, collection and processing of sanitary and biomedical waste, handling an average of 300 to 350 kg of sanitary waste daily?
Ans	<input checked="" type="checkbox"/> A. Nagpur <input checked="" type="checkbox"/> B. Karad <input checked="" type="checkbox"/> C. Nasik <input checked="" type="checkbox"/> D. Pune
Q.84	Who authored the book 'Test Cricket: A History', released in 2025?
Ans	<input checked="" type="checkbox"/> A. Tim Wigmore <input checked="" type="checkbox"/> B. Ramachandra Guha <input checked="" type="checkbox"/> C. Michael Atherton <input checked="" type="checkbox"/> D. Gideon Haigh
Q.85	Which chess player, besides Gukesh, received the Arjuna Award in 2025?
Ans	<input checked="" type="checkbox"/> A. Harika Dronavalli <input checked="" type="checkbox"/> B. Vantika Agrawal <input checked="" type="checkbox"/> C. Koneru Humpy <input checked="" type="checkbox"/> D. Pentala Harikrishna
Q.86	Which of the following documentaries did the Reserve Bank of India (RBI) launch to explain its functions to the public in June 2025?
Ans	<input checked="" type="checkbox"/> A. RBI Unlocked: Beyond the Rupee <input checked="" type="checkbox"/> B. Financial Literacy A2Z <input checked="" type="checkbox"/> C. My RBI Story <input checked="" type="checkbox"/> D. RBI: Money Simplified
Q.87	Which Indian Ministry launched the Bharat Forecasting System (BFS) on 26 May 2025 to provide weather predictions with a 6-km resolution?
Ans	<input checked="" type="checkbox"/> A. Ministry of Environment, Forest and Climate Change <input checked="" type="checkbox"/> B. Ministry of Agriculture and Farmers Welfare <input checked="" type="checkbox"/> C. Ministry of Earth Sciences <input checked="" type="checkbox"/> D. Ministry of Defence
Q.88	Which startup was selected in April 2025 to build India's first sovereign Indic LLM under the IndiaAI Mission?
Ans	<input checked="" type="checkbox"/> A. Wadhwani AI <input checked="" type="checkbox"/> B. People+AI <input checked="" type="checkbox"/> C. Sarvam AI <input checked="" type="checkbox"/> D. AI4 Bharat

Q.89	As reported in May 2025, the study by Climate Trends, a Delhi-based research consultancy, examined NASA satellite data of the Himalayan glaciers from 2000-2023 to evaluate the impact of which of the following on Himalayan snow?
Ans	<input checked="" type="checkbox"/> A. Ozone <input checked="" type="checkbox"/> B. Sulfate Aerosols <input checked="" type="checkbox"/> C. Black Carbon <input checked="" type="checkbox"/> D. Mineral Dust Particles
Q.90	The National Conference on Good Governance, organised by the Department of Administrative Reforms and Public Grievances (DARPG) was held in which of the following places in January 2025?
Ans	<input checked="" type="checkbox"/> A. Gandhinagar <input checked="" type="checkbox"/> B. Varanasi <input checked="" type="checkbox"/> C. Bhopal <input checked="" type="checkbox"/> D. Jaipur
Q.91	What was the theme of the 78 th World Health Assembly, 2025, held in Geneva in May 2025?
Ans	<input checked="" type="checkbox"/> A. Health for All: Building Resilient Systems <input checked="" type="checkbox"/> B. Advancing Equity in Global Health <input checked="" type="checkbox"/> C. One World for Health <input checked="" type="checkbox"/> D. Universal Health Coverage: A Global Need
Q.92	As announced by the Government of India, as on 7 July 2025, how many biotech startups does India have, compared to just 50 a decade ago?
Ans	<input checked="" type="checkbox"/> A. Nearly 9000 <input checked="" type="checkbox"/> B. 8050 <input checked="" type="checkbox"/> C. Nearly 11,000 <input checked="" type="checkbox"/> D. 7000
Q.93	Which of the following awards recognises children's book writers from 22 languages?
Ans	<input checked="" type="checkbox"/> A. Sahitya Akademi Yuva Puraskar <input checked="" type="checkbox"/> B. Sahitya Ratna <input checked="" type="checkbox"/> C. Padma Shri <input checked="" type="checkbox"/> D. Bal Sahitya Puraskar
Q.94	On 16 May 2025, the Supreme Court invalidated the Indian Government's orders passed in which years, allowing ex-post facto environmental clearances?
Ans	<input checked="" type="checkbox"/> A. 2009 and 2015 <input checked="" type="checkbox"/> B. 2012 and 2014 <input checked="" type="checkbox"/> C. 2017 and 2021 <input checked="" type="checkbox"/> D. 2006 and 2011
Q.95	Where did the chemical factory blast occur on 30 June 2025?
Ans	<input checked="" type="checkbox"/> A. Nizamabad <input checked="" type="checkbox"/> B. Vijayawada <input checked="" type="checkbox"/> C. Warangal <input checked="" type="checkbox"/> D. Sangareddy

Q.96	Which state became the third Indian state to be recognised as fully functionally literate, under the ULLAS – New India Literacy Programme, in June 2025?
Ans	<input checked="" type="checkbox"/> A. Karnataka <input checked="" type="checkbox"/> B. Tripura <input checked="" type="checkbox"/> C. Assam <input checked="" type="checkbox"/> D. Telangana
Q.97	Which of the following shifted its Andhra Pradesh regional office to Vijayawada, inaugurating the new premises on 16 June 2025?
Ans	<input checked="" type="checkbox"/> A. Bank of Baroda <input checked="" type="checkbox"/> B. Securities and Exchange Board of India <input checked="" type="checkbox"/> C. Reserve Bank of India <input checked="" type="checkbox"/> D. Life Insurance Corporation of India
Q.98	India set a new Guinness World Record in 2025 for the largest human formation of which of the following symbols?
Ans	<input checked="" type="checkbox"/> A. Ashoka Chakra <input checked="" type="checkbox"/> B. Olympic rings <input checked="" type="checkbox"/> C. Heart shape <input checked="" type="checkbox"/> D. Peace symbol
Q.99	India won the ICC Women's U19 T20 World Cup 2025 by defeating which country in the final?
Ans	<input checked="" type="checkbox"/> A. Sri Lanka <input checked="" type="checkbox"/> B. Australia <input checked="" type="checkbox"/> C. South Africa <input checked="" type="checkbox"/> D. England
Q.100	Which sport had the most Arjuna Award recipients in January 2025?
Ans	<input checked="" type="checkbox"/> A. Para-Athletics <input checked="" type="checkbox"/> B. Shooting <input checked="" type="checkbox"/> C. Hockey <input checked="" type="checkbox"/> D. Athletics