



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी0ई0एन ० 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



सत्यमेव जयते

Test Date	10/02/2026
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 property distinguishes a homogeneous mixture from a heterogeneous mixture?
Ans	<input checked="" type="checkbox"/> A. Fixed boiling point <input checked="" type="checkbox"/> B. Chemical reaction <input checked="" type="checkbox"/> C. Uniform composition <input checked="" type="checkbox"/> D. High density
Q.2	For a resistor with constant resistance, the magnitude of heat produced is directly proportional to which of the following?
Ans	<input checked="" type="checkbox"/> A. Square of the current flowing through the resistor <input checked="" type="checkbox"/> B. Current flowing through the resistor <input checked="" type="checkbox"/> C. Density of the material <input checked="" type="checkbox"/> D. Length of the resistor
Q.3	Which multicellular organism shows fragmentation as a common mode of asexual reproduction?
Ans	<input checked="" type="checkbox"/> A. Spirogyra <input checked="" type="checkbox"/> B. Bryophyllum <input checked="" type="checkbox"/> C. Orange <input checked="" type="checkbox"/> D. Jasmine
Q.4	A porter lifts a luggage of mass 25 kg from the ground to a height of 2.0 m. What is the work done by him on the luggage? (Take $g = 10 \text{ m/s}^2$)
Ans	<input checked="" type="checkbox"/> A. 500 J <input checked="" type="checkbox"/> B. 250 J <input checked="" type="checkbox"/> C. 50 J <input checked="" type="checkbox"/> D. 100 J
Q.5	Which part of the food-conducting complex tissue in plants is tubular and has perforated walls?
Ans	<input checked="" type="checkbox"/> A. Companion cell <input checked="" type="checkbox"/> B. Phloem parenchyma <input checked="" type="checkbox"/> C. Sieve plate <input checked="" type="checkbox"/> D. Sieve tube



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Q.6	Which of the following statements about a proton is correct ?
Ans	<input checked="" type="checkbox"/> A. A proton is negatively charged and has very small mass <input checked="" type="checkbox"/> B. A proton is positively charged and mass is 1/2000 of a hydrogen atom <input checked="" type="checkbox"/> C. A proton is positively charged and its mass is taken as one unit <input checked="" type="checkbox"/> D. A proton is neutral in charge and has mass equal to an electron
Q.7	Which of the following is the SI unit of weight?
Ans	<input checked="" type="checkbox"/> A. Joule <input checked="" type="checkbox"/> B. Pascal <input checked="" type="checkbox"/> C. Kilogram <input checked="" type="checkbox"/> D. Newton
Q.8	Which type of blood vessel has thick, elastic walls to withstand high pressure?
Ans	<input checked="" type="checkbox"/> A. Capillary <input checked="" type="checkbox"/> B. Venule <input checked="" type="checkbox"/> C. Vein <input checked="" type="checkbox"/> D. Artery
Q.9	When substituting numerical values for the distances (u, v, f) into the Mirror Formula to solve problems, which prerequisite must be strictly followed?
Ans	<input checked="" type="checkbox"/> A. The focal length (f) must always be taken as positive <input checked="" type="checkbox"/> B. The New Cartesian Sign Convention must be used <input checked="" type="checkbox"/> C. All measurements must be taken from the centre of curvature <input checked="" type="checkbox"/> D. All values must be converted to metres
Q.10	A sodium chloride crystal contains sodium and chloride ions in a 1:1 ratio. To calculate the formula unit mass of sodium chloride, which process would you use?
Ans	<input checked="" type="checkbox"/> A. Add the atomic mass of sodium and the atomic mass of chlorine <input checked="" type="checkbox"/> B. Multiply the atomic mass of sodium and the atomic mass of chlorine <input checked="" type="checkbox"/> C. Subtract the atomic mass of chlorine from that of sodium <input checked="" type="checkbox"/> D. Divide the atomic mass of sodium by that of chlorine
Q.11	For a body moving with uniform velocity, the acceleration is:
Ans	<input checked="" type="checkbox"/> A. zero <input checked="" type="checkbox"/> B. decreasing <input checked="" type="checkbox"/> C. increasing <input checked="" type="checkbox"/> D. constant
Q.12	Which condition is essential for a dispersed seed to successfully undergo germination and develop into a seedling?
Ans	<input checked="" type="checkbox"/> A. Exposure to sunlight only <input checked="" type="checkbox"/> B. Complete decay of the fruit enclosing the seed only. <input checked="" type="checkbox"/> C. Presence of appropriate environmental conditions <input checked="" type="checkbox"/> D. Physical separation from the parent flower
Q.13	What is the advantage of combining DNA from two different individuals in sexually reproducing animals?
Ans	<input checked="" type="checkbox"/> A. It reduces the need for specialized reproductive organs. <input checked="" type="checkbox"/> B. It increases genetic variation within the population. <input checked="" type="checkbox"/> C. It eliminates errors in DNA copying. <input checked="" type="checkbox"/> D. It speeds up the reproduction process.

Q.14	Which of the following statements is true about a base in an aqueous solution?
Ans	<input checked="" type="checkbox"/> A. They produce OH ⁻ ions in water. <input checked="" type="checkbox"/> B. They have a sour taste. <input checked="" type="checkbox"/> C. They react with metals to produce hydrogen gas. <input checked="" type="checkbox"/> D. They turn blue litmus red.
Q.15	Megaphone, horn and stethoscope are the devices used to _____.
Ans	<input checked="" type="checkbox"/> A. Control amplitude of sound <input checked="" type="checkbox"/> B. Block sound <input checked="" type="checkbox"/> C. Change pitch <input checked="" type="checkbox"/> D. Produce, transmit, and amplify sound
Q.16	Identify the product in the reaction given below.
	$\text{CH}_3 - \text{CH}_2\text{OH} \xrightarrow[\text{or acidified K}_2\text{Cr}_2\text{O}_7 + \text{Heat}]{\text{Alkaline KMnO}_4 + \text{Heat}} \text{Product}$
Ans	<input checked="" type="checkbox"/> A. Propanal <input checked="" type="checkbox"/> B. Propanone <input checked="" type="checkbox"/> C. Ethanal <input checked="" type="checkbox"/> D. Ethanoic acid
Q.17	The SI unit of the universal gravitational constant G is _____.
Ans	<input checked="" type="checkbox"/> A. kg/m3 <input checked="" type="checkbox"/> B. N/m2 <input checked="" type="checkbox"/> C. N·m ² /kg ² <input checked="" type="checkbox"/> D. N·Kg ² /m ²
Q.18	Animals with high energy needs and constant body temperature, like birds and mammals, have _____ chambered hearts.
Ans	<input checked="" type="checkbox"/> A. Three <input checked="" type="checkbox"/> B. Four <input checked="" type="checkbox"/> C. Two <input checked="" type="checkbox"/> D. One
Q.19	A wire of length 'L', area of cross-section 'A' and resistivity 'p' has a resistance 'R'. What will be the new resistance of this wire if its area of cross-section is tripled? (Keep all the other parameters the same)
Ans	<input checked="" type="checkbox"/> A. 3R <input checked="" type="checkbox"/> B. R/3 <input checked="" type="checkbox"/> C. R/9 <input checked="" type="checkbox"/> D. R
Q.20	Which of the following is always formed during a neutralization reaction between a strong acid and a strong base?
Ans	<input checked="" type="checkbox"/> A. Only water <input checked="" type="checkbox"/> B. Salt, water, and carbon dioxide <input checked="" type="checkbox"/> C. Salt and hydrogen gas <input checked="" type="checkbox"/> D. Salt and water

Q.21	When brakes are applied to a moving car, the car slows down but the passengers inside tend to move forward. This happens because _____.
Ans	<input checked="" type="checkbox"/> A. the brakes apply a forward force on the passengers <input checked="" type="checkbox"/> B. the passengers are pulled forward by gravity <input checked="" type="checkbox"/> C. the passengers have inertia and continue in their state of motion <input checked="" type="checkbox"/> D. the air inside the car pushes the passengers forward
Q.22	Which of the following is a micronutrient?
Ans	<input checked="" type="checkbox"/> A. Phosphorous <input checked="" type="checkbox"/> B. Manganese <input checked="" type="checkbox"/> C. Nitrogen <input checked="" type="checkbox"/> D. Magnesium
Q.23	Which of the following rays is NOT used to locate the image formed by a spherical mirror?
Ans	<input checked="" type="checkbox"/> A. A ray passing through the focus that reflects parallel to the principal axis <input checked="" type="checkbox"/> B. A ray perpendicular to the principal axis that reflects through the focus <input checked="" type="checkbox"/> C. A ray parallel to the principal axis that reflects through the focus <input checked="" type="checkbox"/> D. A ray passing through the center of curvature that reflects back along the same path
Q.24	Which of the following molecules is split apart by higher energy ultraviolet for formation of ozone?
Ans	<input checked="" type="checkbox"/> A. Zinc <input checked="" type="checkbox"/> B. Oxygen <input checked="" type="checkbox"/> C. Sodium <input checked="" type="checkbox"/> D. Iron
Q.25	What is the main purpose of refining a metal after it has been extracted?
Ans	<input checked="" type="checkbox"/> A. To increase the melting point of the metal <input checked="" type="checkbox"/> B. To remove impurities from the extracted metal <input checked="" type="checkbox"/> C. To reduce the reactivity of the metal <input checked="" type="checkbox"/> D. To convert the metal into an alloy
Section : Mathematics	
Q.26	A mother is currently twice as old as her daughter. Ten years ago, the mother was three times as old as her daughter. What is the present age of the mother?
Ans	<input checked="" type="checkbox"/> A. 42 years <input checked="" type="checkbox"/> B. 48 years <input checked="" type="checkbox"/> C. 40 years <input checked="" type="checkbox"/> D. 28 years
Q.27	What is the smallest natural number which when divided by 18, 35 and 140 leaves remainder 7 in each case?
Ans	<input checked="" type="checkbox"/> A. 1270 <input checked="" type="checkbox"/> B. 1337 <input checked="" type="checkbox"/> C. 1267 <input checked="" type="checkbox"/> D. 1300

Q.28	A man has to cover a distance of 228 km in 8 hours. If he covers two – thirds of this distance in $\frac{5}{8}$ th of the time, then what should be his speed (in km/hr, correct to one decimal place) to cover the remaining distance in the time left?
Ans	<input checked="" type="checkbox"/> A. 23.3 <input checked="" type="checkbox"/> B. 14.1 <input checked="" type="checkbox"/> C. 22.2 <input checked="" type="checkbox"/> D. 25.3
Q.29	Find the value of : $\cos^2 30^\circ + \cos^2 60^\circ + \cos^2 90^\circ$
Ans	<input checked="" type="checkbox"/> A. 2 <input checked="" type="checkbox"/> B. 1.25 <input checked="" type="checkbox"/> C. 1 <input checked="" type="checkbox"/> D. 1.5
Q.30	If $x = 3 + \sqrt{8}$, find the value of $\sqrt{x} - \frac{1}{\sqrt{x}}$.
Ans	<input checked="" type="checkbox"/> A. 1 <input checked="" type="checkbox"/> B. $\frac{1}{\sqrt{2}}$ <input checked="" type="checkbox"/> C. $\sqrt{2}$ <input checked="" type="checkbox"/> D. 2
Q.31	The ratio of the sum of exterior angles to the sum of interior angles of a regular polygon of n sides is 2 : 43. What is the measure of an interior angle of the regular polygon?
Ans	<input checked="" type="checkbox"/> A. 172° <input checked="" type="checkbox"/> B. 174° <input checked="" type="checkbox"/> C. 176° <input checked="" type="checkbox"/> D. 170°
Q.32	The price of each article of types P, Q, and R is ₹280, ₹185, and ₹105, respectively. Yogesh buys articles of each type in the ratio 4 : 2 : 5 and spends a total of ₹8,060. How many articles of type Q did he purchase?
Ans	<input checked="" type="checkbox"/> A. 4 <input checked="" type="checkbox"/> B. 6 <input checked="" type="checkbox"/> C. 12 <input checked="" type="checkbox"/> D. 8
Q.33	Simplify $(5pq + 16q)^2 - (5pq - 16q)^2$.
Ans	<input checked="" type="checkbox"/> A. $320pq^2$ <input checked="" type="checkbox"/> B. $160p^2q^2$ <input checked="" type="checkbox"/> C. $320p^2q$ <input checked="" type="checkbox"/> D. $160pq^2$
Q.34	A rare book dealer sells a vintage novel to a collector for ₹1,440. The collector later auctions it at a 25% profit. What price does the final buyer pay at the auction?
Ans	<input checked="" type="checkbox"/> A. ₹1,620 <input checked="" type="checkbox"/> B. ₹1,860 <input checked="" type="checkbox"/> C. ₹1,800 <input checked="" type="checkbox"/> D. ₹360

Q.35	The amount on a sum of ₹6,400 at the rate of 15% per annum compound interest, compounded annually, in 2 years will be:
Ans	<input checked="" type="checkbox"/> A. ₹8,375 <input checked="" type="checkbox"/> B. ₹8,078 <input checked="" type="checkbox"/> C. ₹8,413 <input checked="" type="checkbox"/> D. ₹8,464
Q.36	The average of the first 12 odd natural numbers is:
Ans	<input checked="" type="checkbox"/> A. 12 <input checked="" type="checkbox"/> B. 12.5 <input checked="" type="checkbox"/> C. 11.5 <input checked="" type="checkbox"/> D. 13
Q.37	If the total surface area of a cylinder is 3080 m^2 and its radius is 14 m, then what is the curved surface area of the cylinder? (Take $\pi = \frac{22}{7}$)
Ans	<input checked="" type="checkbox"/> A. 1848 cm^2 <input checked="" type="checkbox"/> B. 1798 cm^2 <input checked="" type="checkbox"/> C. 1978 cm^2 <input checked="" type="checkbox"/> D. 2048 cm^2
Q.38	Shivam spends 50% of his income. If he saves ₹42,000, then his income (in ₹) is:
Ans	<input checked="" type="checkbox"/> A. 83,000 <input checked="" type="checkbox"/> B. 85,000 <input checked="" type="checkbox"/> C. 21,000 <input checked="" type="checkbox"/> D. 84,000
Q.39	Find the median for the data 9, 6, 8, 11, 16, and 22.
Ans	<input checked="" type="checkbox"/> A. 12 <input checked="" type="checkbox"/> B. 10 <input checked="" type="checkbox"/> C. 11 <input checked="" type="checkbox"/> D. 9
Q.40	What is the minimum value that must be assigned to A so that the 8-digit number 322A4828 is divisible by 4?
Ans	<input checked="" type="checkbox"/> A. 4 <input checked="" type="checkbox"/> B. 3 <input checked="" type="checkbox"/> C. 5 <input checked="" type="checkbox"/> D. 0
Q.41	If the marked price of a fan is ₹775 and a discount of 12% is given on it, then what is the selling price of the fan?
Ans	<input checked="" type="checkbox"/> A. ₹682 <input checked="" type="checkbox"/> B. ₹686 <input checked="" type="checkbox"/> C. ₹680 <input checked="" type="checkbox"/> D. ₹684

Q.42	Three workers, A, B, and C, are assigned to paint a wall. A can complete the task in 8 hours, B in 12 hours, and C in 16 hours. If they all start together but C leaves after 2 hours, how much time in total will it take to finish the task?
Ans	<input checked="" type="checkbox"/> A. 3 hours <input checked="" type="checkbox"/> B. 5.5 hours <input checked="" type="checkbox"/> C. 4.2 hours <input checked="" type="checkbox"/> D. 6 hours
Q.43	The population of a village was 1,60,000. It increased by 15% in the first year and increased by 30% in the second year. Its population after two years will be _____.
Ans	<input checked="" type="checkbox"/> A. 2,08,000 <input checked="" type="checkbox"/> B. 1,84,000 <input checked="" type="checkbox"/> C. 2,39,200 <input checked="" type="checkbox"/> D. 2,32,000
Q.44	Suman, Tariq and Neha invest sums in the ratio 6 : 11 : 12, respectively. If they earned a total profit of ₹79,721 at the end of the year, then what is the positive difference between the shares of Suman and Neha?
Ans	<input checked="" type="checkbox"/> A. ₹16,492 <input checked="" type="checkbox"/> B. ₹16,493 <input checked="" type="checkbox"/> C. ₹16,494 <input checked="" type="checkbox"/> D. ₹16,491
Q.45	In a race, an athlete covers a distance of 450 m in 150 sec in the first lap. He covers the second lap of the same distance in 75 sec. What is the average speed (in m/sec) of the athlete?
Ans	<input checked="" type="checkbox"/> A. 4 <input checked="" type="checkbox"/> B. 11 <input checked="" type="checkbox"/> C. 10 <input checked="" type="checkbox"/> D. 5
Q.46	Amit can do a piece of work in 13 days. Gopal is 30% more efficient than Amit. The number of days taken by Gopal to do the same piece of work is:
Ans	<input checked="" type="checkbox"/> A. 10 <input checked="" type="checkbox"/> B. 20 <input checked="" type="checkbox"/> C. 13 <input checked="" type="checkbox"/> D. 15
Q.47	If the length of a rectangle is 5 cm more than the breadth and if the perimeter of the rectangle is 40 cm, then the length and breadth of the rectangle will be:
Ans	<input checked="" type="checkbox"/> A. 12.4 cm ,7.6 cm <input checked="" type="checkbox"/> B. 11.4 cm ,8.6 cm <input checked="" type="checkbox"/> C. 10.5 cm , 9.5 cm <input checked="" type="checkbox"/> D. 12.5 cm , 7.5 cm
Q.48	In an election between two candidates, 78% of the voters cast their votes, out of which 4% votes were declared invalid. A candidate got 13,572 votes, out of which 58% were valid votes. Find the total number of voters enrolled in that election.
Ans	<input checked="" type="checkbox"/> A. 33,540 <input checked="" type="checkbox"/> B. 31,250 <input checked="" type="checkbox"/> C. 30,150 <input checked="" type="checkbox"/> D. 28,680

Q.49	A retailer offers the following discount schemes for buyers on an article. Which scheme will fetch the maximum selling price?
Ans	<input checked="" type="checkbox"/> A. Two successive discounts of 10% <input checked="" type="checkbox"/> B. Successive discounts of 25% and 36% <input checked="" type="checkbox"/> C. A discount of 12% followed by a discount of 46% <input checked="" type="checkbox"/> D. A discount of 23% followed by a discount of 15%
Q.50	By decreasing the radius of a sphere by 25% whose surface area is 616 cm^2 , a new sphere is formed. Find the volume of the newly formed sphere. (Take $\pi = \frac{22}{7}$)
Ans	<input checked="" type="checkbox"/> A. 556.375 cm^3 <input checked="" type="checkbox"/> B. 606.375 cm^3 <input checked="" type="checkbox"/> C. 506.475 cm^3 <input checked="" type="checkbox"/> D. 616.475 cm^3

Section : General Intelligence and Reasoning

Q.51	What should come in place of '?' in the given series? 78 92 108 126 146 ?
Ans	<input checked="" type="checkbox"/> A. 162 <input checked="" type="checkbox"/> B. 168 <input checked="" type="checkbox"/> C. 170 <input checked="" type="checkbox"/> D. 165
Q.52	In a row of 50 students facing North, Meha is 15th from the right end. If Priya is 8th to the left of Meha, what is Priya's position from the left end of the line?
Ans	<input checked="" type="checkbox"/> A. 27th <input checked="" type="checkbox"/> B. 26th <input checked="" type="checkbox"/> C. 28th <input checked="" type="checkbox"/> D. 29th
Q.53	Seven people, A, B, C, D, E, F and G are sitting in a row, facing north. B sits sixth from the left end of the row. Only two people sit to the left of D. F sits to the right of A but left of D. E sits third to the left of G. How many people sit between C and G?
Ans	<input checked="" type="checkbox"/> A. Two <input checked="" type="checkbox"/> B. Three <input checked="" type="checkbox"/> C. One <input checked="" type="checkbox"/> D. Four
Q.54	GUSB is related to LZXV in a certain way based on the English alphabetical order. In the same way, NHIN is related to SMNH. To which of the following is MLKO related, following the same logic?
Ans	<input checked="" type="checkbox"/> A. RQPI <input checked="" type="checkbox"/> B. SQQJ <input checked="" type="checkbox"/> C. SPQI <input checked="" type="checkbox"/> D. RPPJ
Q.55	Town A is to the west of Town B. Town D is to the south of Town A. Town C is to the east of Town D. If Town E is to the north of Town C, what is the direction of Town B with respect to Town D?
Ans	<input checked="" type="checkbox"/> A. North east <input checked="" type="checkbox"/> B. South <input checked="" type="checkbox"/> C. East <input checked="" type="checkbox"/> D. West

Q.56	<p>Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?</p> <p>GSN 14, EQL 23, COJ 32, AMH 41, ?</p>	
Ans	<p><input checked="" type="checkbox"/> A. ZKE 49 <input checked="" type="checkbox"/> B. YKF 50 <input checked="" type="checkbox"/> C. YJD 50 <input checked="" type="checkbox"/> D. YKE 49</p>	
Q.57	<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 x B means 'A is the wife of B' A @ B means 'A is the father of B' Based on the above, how is L related to R if ' L@O#V+E x R'?</p>	
Ans	<p><input checked="" type="checkbox"/> A. Father <input checked="" type="checkbox"/> B. Wife's father <input checked="" type="checkbox"/> C. Wife's brother <input checked="" type="checkbox"/> D. Brother</p>	
Q.58	<p>VANE is related to DIVM in a certain way based on the English alphabetical order. In the same way, BGTK is related to JOBS. To which of the following options is ZERI related, following the same logic?</p>	
Ans	<p><input checked="" type="checkbox"/> A. HMQW <input checked="" type="checkbox"/> B. HMWE <input checked="" type="checkbox"/> C. HMZQ <input checked="" type="checkbox"/> D. HWER</p>	
Q.59	<p>What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?</p> <p>$405 \times 5 - 32 + 16 \div 6 = ?$</p>	
Ans	<p><input checked="" type="checkbox"/> A. 17 <input checked="" type="checkbox"/> B. 16 <input checked="" type="checkbox"/> C. 19 <input checked="" type="checkbox"/> D. 18</p>	
Q.60	<p>Seven people, A, B, C, D, E, F and G are sitting in a row, facing north. Only six people sit to the left of F. D sits fourth from the right end of the row. Only two people sit between A and D. G is the immediate neighbour of C and F. B does not sit to the left of E.</p> <p>How many people sit between E and G?</p>	
Ans	<p><input checked="" type="checkbox"/> A. None <input checked="" type="checkbox"/> B. Four <input checked="" type="checkbox"/> C. Three <input checked="" type="checkbox"/> D. Two</p>	
Q.61	<p>This question is based on the five, three-digit numbers given below. (Left) 700 496 723 316 639 (Right) (Example- 697 – First digit = 6, second digit = 9 and third digit = 7) NOTE - All operations to be done from left to right. What will be the resultant if the second digit of the highest number is subtracted from the third digit of the lowest number?</p>	
Ans	<p><input checked="" type="checkbox"/> A. 7 <input checked="" type="checkbox"/> B. 5 <input checked="" type="checkbox"/> C. 4 <input checked="" type="checkbox"/> D. 3</p>	

Q.62 Seven people, S, Q, U, A, R, E and D are sitting in a row, facing north. Only two people sit to the right of A. Only two people sit between A and R. Only two people sit between E and D. D sits to the immediate left of A. S sits to the immediate right of U.

Who sits at the third position from the left end of the line?

Ans A. S

B. R

C. E

D. Q

Q.63 Refer to the following letter series and answer the question.

(Left) C H T M L K N B P G Q D V W R A X Z F Y E S (Right)

How many unique vowels are there in the above series? (Each vowel counted only once regardless of repetition.)

Ans A. Two

B. Three

C. Four

D. One

Q.64 What should come in place of the question mark (?) in the given series?

42 47 53 60 68 ?

Ans A. 77

B. 76

C. 79

D. 78

Q.65 What should come in place of ? in the given series in order to make it logically complete?

YY49 WV36 TR25 PM16 ?

Ans A. JK4

B. KH9

C. LH9

D. KG9

Q.66 Gyalmu starts from Point A and drives 15 km towards east. He then takes a right turn, drives 16 km, turns right and drives 17 km. He then takes a right turn and drives 18 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 degree turns only unless specified)

Ans A. 2 km to the south

B. 3 km to the south

C. 1 km to the south

D. 4 km to the south

Q.67 In a certain code language, 'bees buzz close' is coded as 'zd st cq' and 'hear bees hum' is coded as 'cq ge vm'. How is 'bees' coded in the given language?

Ans A. vm

B. zd

C. ge

D. cq

Q.68	<p>Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusion/s logically follow/s from the given statements.</p> <p>Statements: All cars are buses. All buses are ships. No car is a train.</p> <p>Conclusion (I) : No bus is a train.</p> <p>Conclusion (II) : No ship is a train.</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. Only conclusion (I) follows</p> <p><input checked="" type="checkbox"/> D. Neither conclusion (I) nor (II) follows</p>
Q.69	<p>This question is based on the five, three-digit numbers given below. (Left) 431 853 326 139 268 (Right) (Example- 697 – First digit = 6, second digit = 9 and third digit = 7) NOTE - All operations to be done from left to right. What will be the resultant if the third digit of the highest number is added to the second digit of the lowest number?</p>
Ans	<p><input checked="" type="checkbox"/> A. 4</p> <p><input checked="" type="checkbox"/> B. 8</p> <p><input checked="" type="checkbox"/> C. 6</p> <p><input checked="" type="checkbox"/> D. 9</p>
Q.70	<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. TVV</p> <p><input checked="" type="checkbox"/> B. JKL</p> <p><input checked="" type="checkbox"/> C. DEF</p> <p><input checked="" type="checkbox"/> D. GHI</p>
Q.71	<p>If 3 is added to each odd digit and 4 is subtracted from each even digit in the number 5346188, what will be the sum of the digits which are third from the left and fourth from the right in the new number thus formed?</p>
Ans	<p><input checked="" type="checkbox"/> A. 2</p>
	<p><input checked="" type="checkbox"/> B. 6</p>
	<p><input checked="" type="checkbox"/> C. 4</p>
	<p><input checked="" type="checkbox"/> D. 0</p>
Q.72	<p>Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow/s from the statement(s).</p> <p>Statements: All kettles are ovens. All ovens are toasters.</p> <p>Conclusion (I): Some toasters are kettles</p> <p>Conclusion (II): No toaster is a kettle</p>
Ans	<p><input checked="" type="checkbox"/> A. Neither conclusion (I) nor (II) follows</p> <p><input checked="" type="checkbox"/> B. Only conclusion (I) follows</p> <p><input checked="" type="checkbox"/> C. Both conclusions (I) and (II) follow</p> <p><input checked="" type="checkbox"/> D. Only conclusion (II) follows</p>

Q.73 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.)

12 - 4 - 48
 15 - 3 - 45

Ans

- A. 19 - 2 - 38
- B. 21 - 3 - 61
- C. 16 - 2 - 34
- D. 3 - 4 - 14

Q.74 XTBH is related to BXFL in a certain way based on the English alphabetical order. In the same way, MFKP is related to QJOT. To which of the given options is BXLR related, following the same logic?

Ans

- A. GCQW
- B. FBPV
- C. DZNU
- D. EAOU

Q.75 Refer to the following series and answer the question (all numbers are single digit numbers only). Counting to be done from left to right only.
 (Left) 1 6 8 1 6 2 8 1 4 3 8 2 9 7 8 7 3 9 5 5 6 (Right)

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

Ans

- A. 1
- B. 3
- C. 4
- D. 2

Q.76 Based on the English alphabetical order, three of the following four letter cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group?
 (Note: The odd man out is not based on the number of consonants/vowels or their position in the letter cluster)

Ans

- A. JR - NV
- B. LF - PJ
- C. YA - CF
- D. TI - XM

Q.77 All 144 people are standing in a row facing north. Mr. Lkj is 65th from the left end while Mr. Ihg is 8th from the right end. How many people are there between Mr. Lkj and Mr. Ihg?

Ans

- A. 71
- B. 70
- C. 72
- D. 69

Q.78 In a certain code language, 'READ' is coded as '4628' and 'AIMS' is coded as '5716'. What is the code for 'A' in the given code language?

Ans

- A. 5
- B. 7
- C. 6
- D. 2

Q.79	What should come in place of '?' in the given series? 8, 33, 69, ?, 182, 263
Ans	<input checked="" type="checkbox"/> A. 118 <input checked="" type="checkbox"/> B. 116 <input checked="" type="checkbox"/> C. 122 <input checked="" type="checkbox"/> D. 120

Q.80	If 1 is added to each even digit and 2 is subtracted from each odd digit in the number 28369475, then how many digits will appear more than once in the new number thus formed?
Ans	<input checked="" type="checkbox"/> A. 4 <input checked="" type="checkbox"/> B. 3 <input checked="" type="checkbox"/> C. 1 <input checked="" type="checkbox"/> D. 2

Section : General Awareness and Current Affairs

Q.81	Which organization conducted the National Achievement Survey, renamed PARAKH Rashtriya Sarvekshan in 2024, in which Kerala ranked second?
Ans	<input checked="" type="checkbox"/> A. State Council of Educational Research and Training <input checked="" type="checkbox"/> B. National Testing Agency <input checked="" type="checkbox"/> C. PARAKH under NCERT in collaboration with CBSE <input checked="" type="checkbox"/> D. Central Board of Secondary Education

Q.82	In October 2025, who among the following was appointed as the Director General of the Central Industrial Security Force?
Ans	<input checked="" type="checkbox"/> A. Anil Kumar <input checked="" type="checkbox"/> B. Rakesh Asthana <input checked="" type="checkbox"/> C. Praveer Ranjan <input checked="" type="checkbox"/> D. Kuldip Singh

Q.83	What is celebrated on 9 January 2025 to recognise the contributions of the Indian diaspora?
Ans	<input checked="" type="checkbox"/> A. Army Day <input checked="" type="checkbox"/> B. National Tourism Day <input checked="" type="checkbox"/> C. World Hindi Day <input checked="" type="checkbox"/> D. Pravasi Bharatiya Divas

Q.84	Where did Union Home Minister Amit Shah inaugurate India's largest and most modern sports complex in September 2025?
Ans	<input checked="" type="checkbox"/> A. Ahmedabad <input checked="" type="checkbox"/> B. Vadodara <input checked="" type="checkbox"/> C. Surat <input checked="" type="checkbox"/> D. Gandhinagar

Q.85	Which category of climate finance did India argue should be scaled up <i>independently</i> during the post-COP-30 negotiations held in November 2025?
Ans	<input checked="" type="checkbox"/> A. Loss and damage finance <input checked="" type="checkbox"/> B. Adaptation finance <input checked="" type="checkbox"/> C. Carbon market finance <input checked="" type="checkbox"/> D. Green hydrogen finance

Q.86	In July 2025, which Indian government body submitted its third Voluntary National Review (VNR) to the United Nations High-Level Political Forum (HLPF) on Sustainable Development?
Ans	<p><input checked="" type="checkbox"/> A. Comptroller and Auditor General of India (CAG)</p> <p><input checked="" type="checkbox"/> B. Reserve Bank of India (RBI)</p> <p><input checked="" type="checkbox"/> C. Finance Commission of India (FCI)</p> <p><input checked="" type="checkbox"/> D. National Institution for Transforming India (NITI Aayog)</p>
Q.87	How many new national records were set during the Khelo India Para Games 2025?
Ans	<p><input checked="" type="checkbox"/> A. 15</p> <p><input checked="" type="checkbox"/> B. 18</p> <p><input checked="" type="checkbox"/> C. 20</p> <p><input checked="" type="checkbox"/> D. 12</p>
Q.88	Who was voted the 2024 NBA Finals most valuable player (FMVP)?
Ans	<p><input checked="" type="checkbox"/> A. Jayson Tatum</p> <p><input checked="" type="checkbox"/> B. Immanuel Jaylen Quickley</p> <p><input checked="" type="checkbox"/> C. Malachi Flynn</p> <p><input checked="" type="checkbox"/> D. Jaylen Brown</p>
Q.89	Which Vietnamese-American author released 'The Emperor of Gladness' in May 2025?
Ans	<p><input checked="" type="checkbox"/> A. Charlotte McConaghay</p> <p><input checked="" type="checkbox"/> B. Colum McCann</p> <p><input checked="" type="checkbox"/> C. Ocean Vuong</p> <p><input checked="" type="checkbox"/> D. Sharon Lee</p>
Q.90	Which of the following National Parks received rupees ₹1.5 crore in June 2025 for the establishment of two new Rhino Rehabilitation Areas?
Ans	<p><input checked="" type="checkbox"/> A. Kaziranga National Park</p> <p><input checked="" type="checkbox"/> B. Jim Corbett National Park</p> <p><input checked="" type="checkbox"/> C. Dudhwa National Park</p> <p><input checked="" type="checkbox"/> D. Sundarbans National Park</p>
Q.91	The Van Dhan Vikas Kendra at Dugong Creek aims to make the Onge tribe self-sustainable through which of the following?
Ans	<p><input checked="" type="checkbox"/> A. Bamboo handicrafts</p> <p><input checked="" type="checkbox"/> B. Coconut-based products</p> <p><input checked="" type="checkbox"/> C. Herbal medicine production</p> <p><input checked="" type="checkbox"/> D. Honey and wild forest produce</p>
Q.92	What is the name of India's first indigenously developed CRISPR gene therapy designed to treat Sickle Cell Disease?
Ans	<p><input checked="" type="checkbox"/> A. BIRSA 101</p> <p><input checked="" type="checkbox"/> B. SCD Cure X</p> <p><input checked="" type="checkbox"/> C. CRISPR-Cure</p> <p><input checked="" type="checkbox"/> D. GeneHeal Pro</p>

Q.93	Which pioneering molecular biologist, who co-discovered the double helix structure of DNA along with Francis H. C. Crick and was awarded the Nobel Prize in Physiology or Medicine in 1962, passed away at the age of 97 in East Northport, New York?
Ans	<input checked="" type="checkbox"/> A. James D. Watson <input checked="" type="checkbox"/> B. Maurice Wilkins <input checked="" type="checkbox"/> C. Rosalind Franklin <input checked="" type="checkbox"/> D. Francis H. C. Crick
Q.94	What is one of the primary purposes of the proposed Kulsu project?
Ans	<input checked="" type="checkbox"/> A. Tourism promotion and irrigation <input checked="" type="checkbox"/> B. Hydropower generation and irrigation <input checked="" type="checkbox"/> C. Military infrastructure <input checked="" type="checkbox"/> D. Industrial development
Q.95	Which state topped the medal tally at the Khelo India Para Games 2025?
Ans	<input checked="" type="checkbox"/> A. Maharashtra <input checked="" type="checkbox"/> B. Haryana <input checked="" type="checkbox"/> C. Tamil Nadu <input checked="" type="checkbox"/> D. Uttar Pradesh
Q.96	Which team won the NBA championship trophy for 2023-24?
Ans	<input checked="" type="checkbox"/> A. Philadelphia Warriors <input checked="" type="checkbox"/> B. Rochester Royals <input checked="" type="checkbox"/> C. Boston Celtics <input checked="" type="checkbox"/> D. Toronto Raptors
Q.97	As reported in August 2025, the GST Group of Ministers (GoM) proposed to completely exempt premiums paid towards health and life insurance policies from the GST levy. What was the GST rate levied on health insurance premiums in India prior to this proposed exemption?
Ans	<input checked="" type="checkbox"/> A. 5% <input checked="" type="checkbox"/> B. 10% <input checked="" type="checkbox"/> C. 18% <input checked="" type="checkbox"/> D. 12%
Q.98	Inaugurated in September 2025, the Monopropellant Thruster Test Facility (MPTTF) primarily supports testing activities related to which broad technological domain?
Ans	<input checked="" type="checkbox"/> A. Satellite navigation <input checked="" type="checkbox"/> B. Nuclear propulsion <input checked="" type="checkbox"/> C. Hypersonic flight <input checked="" type="checkbox"/> D. Space propulsion systems
Q.99	Which organisation developed the SAKSHAM counter-Unmanned Aircraft System grid launched by the Indian Army in 2025?
Ans	<input checked="" type="checkbox"/> A. Bharat Electronics Limited Ghaziabad <input checked="" type="checkbox"/> B. Hindustan Aeronautics Limited Nashik <input checked="" type="checkbox"/> C. Indian Space Research Organisation Bengaluru <input checked="" type="checkbox"/> D. Defence Research and Development Organisation Hyderabad

Q.100 In August 2025, who among the following chaired the Group of Ministers (GoM) that proposed exempting Goods and Services Tax (GST) on life and health insurance policies for individuals?

Ans A. Nitin Gadkari

B. Samrat Choudhary

C. Mallu Bhatti Vikramarka

D. Ajay Seth

