



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	04/02/2026
Test Time	12:45 PM - 2:15 PM
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	In a 250 mL solution, 5 g of solute is dissolved. What is the concentration (mass by volume %) of the solution?
Ans	<input checked="" type="checkbox"/> A. 0.2% <input checked="" type="checkbox"/> B. 2% <input checked="" type="checkbox"/> C. 20% <input checked="" type="checkbox"/> D. 5%
Q.2	The Tyndall effect is observed when:
Ans	<input checked="" type="checkbox"/> A. light is scattered by very fine particles suspended in a medium <input checked="" type="checkbox"/> B. light passes through a vacuum <input checked="" type="checkbox"/> C. light is absorbed by particles in a solution <input checked="" type="checkbox"/> D. light reflects from a mirror surface
Q.3	What was the primary goal of the Chipko Movement of the Garhwal region?
Ans	<input checked="" type="checkbox"/> A. Grazing of forest <input checked="" type="checkbox"/> B. Protection of the forest <input checked="" type="checkbox"/> C. Aforestation <input checked="" type="checkbox"/> D. Cutting of forest
Q.4	In which of the following reactions does colour change, gas evolution, and solid residue formation, all occur simultaneously during decomposition?
Ans	<input checked="" type="checkbox"/> A. $2\text{AgCl} \rightarrow 2\text{Ag} + \text{Cl}_2$ <input checked="" type="checkbox"/> B. $\text{Pb}(\text{NO}_3)_2 \rightarrow \text{PbO} + \text{NO}_2 + \text{O}_2$ <input checked="" type="checkbox"/> C. $\text{CaCO}_3 \rightarrow \text{CaO} + \text{CO}_2$ <input checked="" type="checkbox"/> D. $2\text{KClO}_3 \rightarrow 2\text{KCl} + 3\text{O}_2$
Q.5	What is the correct definition of one unit of force (1 newton)?
Ans	<input checked="" type="checkbox"/> A. The force that causes a 1 g object to accelerate at 1 metre <input checked="" type="checkbox"/> B. The force that causes a 1 kg object to accelerate at 1 m/s ² <input checked="" type="checkbox"/> C. The force needed to move a 1 kg object to a distance of 1 metre <input checked="" type="checkbox"/> D. The force required to keep an object at rest



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Q.6	Which of the following statements is true about work done by a constant force?
Ans	<input checked="" type="checkbox"/> A. It is independent of displacement <input checked="" type="checkbox"/> B. It depends on the path of motion <input checked="" type="checkbox"/> C. It depends only on the initial and final positions <input checked="" type="checkbox"/> D. It is always positive
Q.7	Which of the following animals produces infrasound?
Ans	<input checked="" type="checkbox"/> A. Horses and cows <input checked="" type="checkbox"/> B. Birds and snakes <input checked="" type="checkbox"/> C. Dogs and cats <input checked="" type="checkbox"/> D. Whales and elephants
Q.8	The process of transfer of pollen grains from one flower to the stigma of another flower is called _____.
Ans	<input checked="" type="checkbox"/> A. germination <input checked="" type="checkbox"/> B. pollination <input checked="" type="checkbox"/> C. gestation <input checked="" type="checkbox"/> D. guttation
Q.9	Which of the following statements is correct about Ohm's law?
Ans	<input checked="" type="checkbox"/> A. Current is directly proportional to voltage at constant temperature. <input checked="" type="checkbox"/> B. Resistance remains constant only for non-ohmic conductors. <input checked="" type="checkbox"/> C. Ohm's law is applicable to all materials at all temperatures. <input checked="" type="checkbox"/> D. Current is inversely proportional to voltage at constant temperature.
Q.10	Which of the following statements is/are correct?
	a. Zinc granules when placed in dilute sulphuric acid, hydrogen gas is evolved. b. Zinc granules when placed in sodium hydroxide solution forms zinc hydroxide. c. Zinc granules when placed in sodium hydroxide forms sodium zincate.
Ans	<input checked="" type="checkbox"/> A. Only a <input checked="" type="checkbox"/> B. a and c <input checked="" type="checkbox"/> C. Only b <input checked="" type="checkbox"/> D. a and b
Q.11	A mixture differs from a compound in that:
Ans	<input checked="" type="checkbox"/> A. its components retain their properties <input checked="" type="checkbox"/> B. it shows combined properties only <input checked="" type="checkbox"/> C. it has fixed proportions of elements <input checked="" type="checkbox"/> D. its components cannot be separated
Q.12	If two daughter cells produced by cell division show minor differences in their structure, which process during DNA copying most likely caused these variations?
Ans	<input checked="" type="checkbox"/> A. The separation of DNA copies into new cells is incomplete <input checked="" type="checkbox"/> B. Errors in protein synthesis after DNA copying <input checked="" type="checkbox"/> C. The absence of DNA blueprints in the nucleus <input checked="" type="checkbox"/> D. Minor variations occur during DNA copying due to the inherent unreliability of biochemical reactions

Q.13	In wastewater treatment plant, the biogas is obtained from which of the following substance?
Ans	<input checked="" type="checkbox"/> A. Dried leaves <input checked="" type="checkbox"/> B. Sludge <input checked="" type="checkbox"/> C. Coconut husk <input checked="" type="checkbox"/> D. Banana peels
Q.14	In a laboratory, a student mixes starch in water and observes that the mixture is neither a true solution nor a suspension. What property of this mixture confirms it is a colloidal solution?
Ans	<input checked="" type="checkbox"/> A. The particles are visible to the naked eye. <input checked="" type="checkbox"/> B. The mixture is completely transparent and does not scatter light. <input checked="" type="checkbox"/> C. The particles scatter a beam of light but do not settle on standing. <input checked="" type="checkbox"/> D. The particles settle down after some time.
Q.15	Which proteins are essential for muscle contraction and relaxation?
Ans	<input checked="" type="checkbox"/> A. Myoglobin and haemoglobin <input checked="" type="checkbox"/> B. Keratin and collagen <input checked="" type="checkbox"/> C. Contractile proteins <input checked="" type="checkbox"/> D. Elastin and fibrin
Q.16	Which of the following features enables simple squamous epithelium to efficiently carry out diffusion?
Ans	<input checked="" type="checkbox"/> A. Presence of multiple layers of cells <input checked="" type="checkbox"/> B. Flat, thin, and closely packed cells <input checked="" type="checkbox"/> C. Cells with cilia for movement <input checked="" type="checkbox"/> D. Thick cytoplasm with large nuclei
Q.17	The principal focus of a spherical mirror is defined as:
Ans	<input checked="" type="checkbox"/> A. The point on the principal axis where parallel rays converge (or appear to diverge) after reflection <input checked="" type="checkbox"/> B. The distance between object and image <input checked="" type="checkbox"/> C. The center of the mirror's reflecting surface <input checked="" type="checkbox"/> D. The midpoint of the radius of curvature
Q.18	In a hypotonic solution, which of the following statements is correct for animal tissues compared with plant tissues?
Ans	<input checked="" type="checkbox"/> A. Animal cells resist swelling due to a rigid wall. <input checked="" type="checkbox"/> B. Animal cells have thicker cellulose walls than plants. <input checked="" type="checkbox"/> C. Animal cells shrink more than plant cells in dilute media. <input checked="" type="checkbox"/> D. Animal cells are more likely to lyse without an external wall.
Q.19	What do the ovary and ovule form after fertilisation in plants?
Ans	<input checked="" type="checkbox"/> A. Ovary forms the fruit and ovule forms the cotyledons. <input checked="" type="checkbox"/> B. Ovary forms the seed and ovule forms the embryo. <input checked="" type="checkbox"/> C. Ovary forms the fruit and ovule forms the seed. <input checked="" type="checkbox"/> D. Ovary forms the plumule and ovule forms the radicle.

Q.20	Why is graphite a good conductor of electricity?
Ans	<input checked="" type="checkbox"/> A. It absorbs water easily. <input checked="" type="checkbox"/> B. It forms strong ionic bonds. <input checked="" type="checkbox"/> C. It has free-moving electrons. <input checked="" type="checkbox"/> D. It melts at low temperatures.
Q.21	An electric geyser has a power of 2200 W when it is operated at 220 V. How much will be the current flowing through the heater?
Ans	<input checked="" type="checkbox"/> A. 1100 A <input checked="" type="checkbox"/> B. 10 A <input checked="" type="checkbox"/> C. 1 A <input checked="" type="checkbox"/> D. 100 A
Q.22	When an iron nail is dipped in copper sulphate solution, which of the following observations confirms that a displacement reaction has occurred?
Ans	<input checked="" type="checkbox"/> A. The solution turns colourless, and hydrogen gas is released. <input checked="" type="checkbox"/> B. The blue colour of the copper sulphate solution fades, and a reddish-brown deposit appears on the iron nail. <input checked="" type="checkbox"/> C. The solution remains blue, and the iron nail remains shiny. <input checked="" type="checkbox"/> D. A white precipitate is formed.
Q.23	Starting from rest, a car attains a velocity of 10 m/s in 20 s. Braking reduces the velocity to 5 m/s in the next 5 s. What is the respective acceleration in the two scenarios?
Ans	<input checked="" type="checkbox"/> A. 0.5 m/s ² ; -1 m/s ² <input checked="" type="checkbox"/> B. 0.5 m/s ² ; 1 m/s ² <input checked="" type="checkbox"/> C. 1 m/s ² ; 0.5 m/s ² <input checked="" type="checkbox"/> D. -1 m/s ² ; 0.5 m/s ²
Q.24	If the value of the Universal Gravitational Constant (G), the mass of the Earth (M), and the radius of the Earth (R) are known, which equation is used to calculate the acceleration due to gravity (g) near the Earth's surface?
Ans	<input checked="" type="checkbox"/> A. $g=GR/M^2$ <input checked="" type="checkbox"/> B. $g=GM/R^2$ <input checked="" type="checkbox"/> C. $g=GM/R$ <input checked="" type="checkbox"/> D. $R^2/(GM)$
Q.25	An atom contains 17 electrons and 18 neutrons. Find the number of protons.
Ans	<input checked="" type="checkbox"/> A. 17 <input checked="" type="checkbox"/> B. 18 <input checked="" type="checkbox"/> C. 35.5 <input checked="" type="checkbox"/> D. 36

Section : Mathematics

Q.26	For 7 innings, a cricketer had an average of 59 runs. In the 8 th inning, he scored 217 runs. His average score increased by _____. (Round off the answer to the nearest whole number.)
Ans	<input checked="" type="checkbox"/> A. 20 <input checked="" type="checkbox"/> B. 11 <input checked="" type="checkbox"/> C. 29 <input checked="" type="checkbox"/> D. 19

Q.27 If regular polygons of sides 6 and 5 are inscribed in a circle of radius R, then what is the ratio of their areas?

Ans A. $12\sqrt{3} : 5\sqrt{10 + 2\sqrt{5}}$

B. $4\sqrt{3} : 5\sqrt{10 + 2\sqrt{5}}$

C. $3\sqrt{3} : 5\sqrt{10 - 2\sqrt{5}}$

D. $4\sqrt{3} : 5\sqrt{10 - 2\sqrt{5}}$

Q.28 The square of the expression $\frac{x^3}{y^2} \times \frac{1}{x^{-1}} \div y^{-2} \times \left(\frac{1}{x^2}\right)^2$ is ____.

Ans A. x^2

B. x

C. $\frac{x^2}{y^2}$

D. 1

Q.29 Simplify: $\frac{2}{5} + 1.4$

Ans A. 5.4

B. 3.9

C. 1.8

D. 2.8

Q.30 In a basketball game, a player scored 36 points using only 2-point shots and 3-point shots. She made 14 successful shots in total. How many 2-point and how many 3-point shots did she make?

Ans A. Number of 2-point shots = 7; Number of 3-point shots = 7

B. Number of 2-point shots = 6; Number of 3-point shots = 8

C. Number of 2-point shots = 8; Number of 3-point shots = 6

D. Number of 2-point shots = 10; Number of 3-point shots = 4

Q.31 Walking at $\frac{5}{7}$ th of his normal speed from his home, Shahid is 12 minutes late in reaching his office.

The usual time taken by him to cover the distance between his home and his office is:

Ans A. 30 minutes

B. 34 minutes

C. 23 minutes

D. 28 minutes

Q.32 If 90% of 80% of $\frac{2}{7}$ of a number is 576, find the number.

Ans A. 3710

B. 6740

C. 2800

D. 5180

Q.33	Find the effective price percentage of the marked price after three consecutive discounts of 10%, 27% and 8% (rounded off to two decimal places).
Ans	<input checked="" type="checkbox"/> A. 62.64% <input checked="" type="checkbox"/> B. 60.44% <input checked="" type="checkbox"/> C. 59.64% <input checked="" type="checkbox"/> D. 58.28%
Q.34	If the fourth proportion to 5, X and 3 is 63, then find the value of X.
Ans	<input checked="" type="checkbox"/> A. 106 <input checked="" type="checkbox"/> B. 107 <input checked="" type="checkbox"/> C. 108 <input checked="" type="checkbox"/> D. 105
Q.35	A person's monthly income is ₹60,000. He spends 25% of his income on rent, 15% on groceries, 10% on transportation and saves the rest. How much money does he save every month?
Ans	<input checked="" type="checkbox"/> A. ₹45,000 <input checked="" type="checkbox"/> B. ₹40,000 <input checked="" type="checkbox"/> C. ₹30,000 <input checked="" type="checkbox"/> D. ₹25,000
Q.36	Water flows through a cylindrical pipe of internal diameter 14 cm at 5 metre per second. Calculate the time (in minutes) the pipe would take to fill an empty rectangular tank 8 m \times 6 m \times 4.62 m. $\left(\text{Take } \pi = \frac{22}{7} \right)$
Ans	<input checked="" type="checkbox"/> A. 48 <input checked="" type="checkbox"/> B. 50 <input checked="" type="checkbox"/> C. 46 <input checked="" type="checkbox"/> D. 44
Q.37	The amount on a sum of ₹5,000 at 18% per annum compound interest, compounded annually, in 2 years will be:
Ans	<input checked="" type="checkbox"/> A. ₹7,068 <input checked="" type="checkbox"/> B. ₹6,962 <input checked="" type="checkbox"/> C. ₹7,015 <input checked="" type="checkbox"/> D. ₹6,984
Q.38	Simplify: $(x + 5)(x - 5)$
Ans	<input checked="" type="checkbox"/> A. $x^2 + 25$ <input checked="" type="checkbox"/> B. $x^2 - 10x + 25$ <input checked="" type="checkbox"/> C. $x^2 + 10x + 25$ <input checked="" type="checkbox"/> D. $x^2 - 25$
Q.39	Two trains of lengths 316 m and 349 m are running at speeds of 58 km/h and 68 km/h, respectively, on parallel tracks in opposite directions. In how many seconds will they cross each other?
Ans	<input checked="" type="checkbox"/> A. 27 seconds <input checked="" type="checkbox"/> B. 30 seconds <input checked="" type="checkbox"/> C. 22 seconds <input checked="" type="checkbox"/> D. 19 seconds

Q.40	A is three times as old as B. If six years are subtracted from B's age and four years are added to A's age, then A's age will be five times B's age. How old was A two years ago?
Ans	<input checked="" type="checkbox"/> A. 40 years <input checked="" type="checkbox"/> B. 36 years <input checked="" type="checkbox"/> C. 54 years <input checked="" type="checkbox"/> D. 49 years
Q.41	One pipe can fill a tank in 6 minutes, while another pipe can empty the completely filled tank in 7 minutes. If both the pipes are opened together when the tank is empty, how many minutes will it take to fill one-half of the tank?
Ans	<input checked="" type="checkbox"/> A. 21 <input checked="" type="checkbox"/> B. 42 <input checked="" type="checkbox"/> C. 22 <input checked="" type="checkbox"/> D. 43
Q.42	The mode of given list of numbers 115, 190, 110, 185, 85, 110, 115, 102, 90, 95, 85, 68, 85 is:
Ans	<input checked="" type="checkbox"/> A. 85 <input checked="" type="checkbox"/> B. 110 <input checked="" type="checkbox"/> C. 68 <input checked="" type="checkbox"/> D. 92
Q.43	The volume of the cube is 1728 cm^3 . Find its total surface area.
Ans	<input checked="" type="checkbox"/> A. 664 cm^2 <input checked="" type="checkbox"/> B. 464 cm^2 <input checked="" type="checkbox"/> C. 144 cm^2 <input checked="" type="checkbox"/> D. 864 cm^2
Q.44	If $\cos t = x$ and t is an acute angle, find the value of $\sin t$.
Ans	<input checked="" type="checkbox"/> A. $\frac{1}{\sqrt{1-x^2}}$ <input checked="" type="checkbox"/> B. $\sqrt{1-x^2}$ <input checked="" type="checkbox"/> C. $x\sqrt{1-x^2}$ <input checked="" type="checkbox"/> D. $\frac{x}{\sqrt{1-x^2}}$
Q.45	A and B can complete a piece of work in 8 days and 12 days, respectively. A starts working on the task and after 3 days, B joins him. How many more days will it take to finish the work after B joins?
Ans	<input checked="" type="checkbox"/> A. 5 days <input checked="" type="checkbox"/> B. 2 days <input checked="" type="checkbox"/> C. 3 days <input checked="" type="checkbox"/> D. 4 days
Q.46	Bibha bought a number of bananas at 2 for a rupee and an equal number at 3 for a rupee. To make a profit of 40%, she should sell a dozen for $\text{₹}_$.
Ans	<input checked="" type="checkbox"/> A. 7 <input checked="" type="checkbox"/> B. 8 <input checked="" type="checkbox"/> C. 6 <input checked="" type="checkbox"/> D. 5

Q.47	The sum of the first 13 prime numbers is:
Ans	<input checked="" type="checkbox"/> A. 238 <input checked="" type="checkbox"/> B. 243 <input checked="" type="checkbox"/> C. 235 <input checked="" type="checkbox"/> D. 241
Q.48	The cost of a washing machine is 25% less than the cost of a TV. If the cost of the washing machine increases by 75% and that of the TV decreases by 49%, then what is the percentage change in the total cost of 6 washing machines and 3 TVs?
Ans	<input checked="" type="checkbox"/> A. Decrease by 26.4% <input checked="" type="checkbox"/> B. Increase by 24.5% <input checked="" type="checkbox"/> C. Decrease by 19.5% <input checked="" type="checkbox"/> D. Increase by 25.4%
Q.49	₹5,403 is divided among A, B, and C in such a way that if ₹79, ₹25, and ₹19 be deducted from their respective shares, they have money in the ratio 14:5:11. Find the difference between the B's and C's original shares.
Ans	<input checked="" type="checkbox"/> A. ₹1,206 <input checked="" type="checkbox"/> B. ₹1,156 <input checked="" type="checkbox"/> C. ₹1,050 <input checked="" type="checkbox"/> D. ₹956
Q.50	A dealer marks his goods at 25% above the cost price and allows a discount of 68% on the marked price. What is his gain or loss percentage?
Ans	<input checked="" type="checkbox"/> A. 57% loss <input checked="" type="checkbox"/> B. 58% loss <input checked="" type="checkbox"/> C. 63% gain <input checked="" type="checkbox"/> D. 60% loss
Q.51	P, Q, R, S, and T are sitting around a circular table, facing the centre. R is sitting second to the right of P. T is sitting second to the right of S. P is to the immediate left of S. Who is to the immediate right of T?
Ans	<input checked="" type="checkbox"/> A. P <input checked="" type="checkbox"/> B. S <input checked="" type="checkbox"/> C. R <input checked="" type="checkbox"/> D. Q
Q.52	<p>Refer to the following number series and answer the question that follows. Counting to be done from left to right only. (All numbers are single-digit numbers only.)</p> <p>(Left) 4 1 6 2 9 3 3 6 4 1 8 6 5 6 8 6 9 5 6 1 6 4 8 6 2 8 7 4 8 2 (Right)</p> <p>How many 6's are there, each of which is immediately preceded by an odd number and also immediately followed by an even number?</p>
Ans	<input checked="" type="checkbox"/> A. Two <input checked="" type="checkbox"/> B. Three <input checked="" type="checkbox"/> C. One <input checked="" type="checkbox"/> D. More than three

Q.53	What should come in place of the question mark (?) in the given series? 521 523 527 533 541 ?
Ans	<input checked="" type="checkbox"/> A. 553 <input checked="" type="checkbox"/> B. 549 <input checked="" type="checkbox"/> C. 551 <input checked="" type="checkbox"/> D. 555
Q.54	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. (Left) 9 8 7 4 5 2 5 3 8 4 3 6 2 1 5 7 9 3 1 5 7 4 6 2 3 7 4 (Right) How many such odd numbers are there, each of which is immediately preceded by an odd number and also immediately followed by an even number?
Ans	<input checked="" type="checkbox"/> A. 5 <input checked="" type="checkbox"/> B. 6 <input checked="" type="checkbox"/> C. 3 <input checked="" type="checkbox"/> D. 4
Q.55	What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged? $32 + 34 - 35 \times 5 \div 22 = ?$
Ans	<input checked="" type="checkbox"/> A. 154 <input checked="" type="checkbox"/> B. 153 <input checked="" type="checkbox"/> C. 150 <input checked="" type="checkbox"/> D. 152
Q.56	Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete? KJN 72 RQU 63 YXB 54 FEI 45 ?
Ans	<input checked="" type="checkbox"/> A. MLP 36 <input checked="" type="checkbox"/> B. MMO 36 <input checked="" type="checkbox"/> C. MKO 35 <input checked="" type="checkbox"/> D. MUD 35
Q.57	What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged? $49 \div 5 + 153 \times 3 - 314 = ?$
Ans	<input checked="" type="checkbox"/> A. 508 <input checked="" type="checkbox"/> B. 521 <input checked="" type="checkbox"/> C. 505 <input checked="" type="checkbox"/> D. 512
Q.58	In a certain code language, 'PEARL' is coded as '18723' and 'PAYER' is coded as '82736'. What is the code for 'Y' in that language?
Ans	<input checked="" type="checkbox"/> A. 3 <input checked="" type="checkbox"/> B. 8 <input checked="" type="checkbox"/> C. 2 <input checked="" type="checkbox"/> D. 6

Q.59 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All crows are sparrows.
No crow is a pigeon.

Conclusions:

(I): No sparrow is a pigeon.
(II): Some pigeons are crows.

Ans A. Only conclusion (II) follows

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

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

D. Only conclusion (I) follows

Q.60 A, B, C, D, E and F are sitting around a circular table, facing the centre. B sits second to the left of E. D is an immediate neighbour of F. C sits to the immediate left of F. C sits second to the right of A. What is the position of E with respect to F?

Ans A. Second to the right

B. Immediate left

C. Immediate right

D. Second to the left

Q.61 Seven friends, B, C, D, T, U, V and W, are sitting in a straight line facing north. All friends sits to the left of C. Only three people sit between C and T. Only two people sit between T and V. B sits third to the left of D. W sits to the immediate right of D. How many people sit between U and V?

Ans A. Four

B. One

C. Three

D. Two

Q.62 In the following triad, 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.

DRAWING - ADRWGIN - RADWNGI
FORMULA - RFOMAUL - ORFMLAU

Ans A. FASHION - SAFNHIO - FASONHI

B. FASHION - SFAHNIO - ASFHONI

C. FASHION - SFAHNOI - ASFIHNO

D. FASHION - SAFHNIO - ASFHONI

Q.63 In a certain code language, NSQE is coded as 165 and XIJA is coded as 132. What is the code for PEYO in that language?

Ans A. 170

B. 183

C. 188

D. 179

Q.64	<p>What will come in place of the question mark (?) in the following equation if '+' and '−' are interchanged and '×' and '÷' are interchanged?</p> $7 \div 5 + 12 \times 3 - 19 = ? + 5$	
Ans	<p><input checked="" type="checkbox"/> A. 55 <input checked="" type="checkbox"/> B. 50 <input checked="" type="checkbox"/> C. 45 <input checked="" type="checkbox"/> D. 60</p>	
Q.65	<p>Wamiq starts from point A and drives 78 km towards the west. He then takes a right turn, drives 81 km, turns right and drives 80 km. He then takes a right turn and drives 90 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.)</p>	
Ans	<p><input checked="" type="checkbox"/> A. 7 km to the north <input checked="" type="checkbox"/> B. 9 km to the north <input checked="" type="checkbox"/> C. 11 km to the south <input checked="" type="checkbox"/> D. 10 km to the south</p>	
Q.66	<p>PNHT is related to VILQ in a certain way based on the English alphabetical order. In the same way, MSDT is related to SNHQ. To which of the given options is IRUI related, following the same logic?</p>	
Ans	<p><input checked="" type="checkbox"/> A. ONYE <input checked="" type="checkbox"/> B. PMZF <input checked="" type="checkbox"/> C. PNZE <input checked="" type="checkbox"/> D. OMYF</p>	
Q.67	<p>In a row of 19 people facing north, Geetha is 6th from the left end. If Divya sits 5th to the right of Geetha, then what is Divya's position from the right end of the row?</p>	
Ans	<p><input checked="" type="checkbox"/> A. 11th <input checked="" type="checkbox"/> B. 8th <input checked="" type="checkbox"/> C. 9th <input checked="" type="checkbox"/> D. 10th</p>	
Q.68	<p>A man is standing on the roof facing east. First, he turns 45 degrees clockwise, then 45 degrees anticlockwise. He then turns 180 degrees anticlockwise. Finally, he turns 90 degrees clockwise. In which direction is the man facing now?</p>	
Ans	<p><input checked="" type="checkbox"/> A. West <input checked="" type="checkbox"/> B. South <input checked="" type="checkbox"/> C. North <input checked="" type="checkbox"/> D. East</p>	

Q.69 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All bottles are cups.
All bottles are glasses.
Some glasses are teapots.

Conclusions:

(I): Some teapots are bottles.
(II): Some glasses are cups.

Ans

- A. Both conclusions (I) and (II) follow
- B. Only conclusion (II) follows
- C. Neither conclusion (I) nor (II) follows
- D. Only conclusion (I) follows

Q.70 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)

19 - 2 - 21
14 - 6 - 20

Ans

- A. 30 - 11 - 43
- B. 19 - 10 - 29
- C. 15 - 4 - 21
- D. 9 - 13 - 24

Q.71 In a row of 50 students facing north, Parash is 18th from the left end. If Aparna is 7th to the right of Parash, what is Aparna's position from the right end of the row?

Ans

- A. 25th
- B. 23rd
- C. 26th
- D. 24th

Q.72 Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

WZX-ZCA
CFD-FIG

Ans

- A. DGE-FJG
- B. DGE-GJH
- C. DFC-GJH
- D. DFC-FIG

Q.73 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 x V # E + R'?

Ans

- A. Wife's father
- B. Brother's wife's brother
- C. Brother's wife's father
- D. Brother's son

Q.74	What should come in place of the question mark (?) in the given series? 16, 22, 34, 52, 76, ?
Ans	<input checked="" type="checkbox"/> A. 106 <input checked="" type="checkbox"/> B. 105 <input checked="" type="checkbox"/> C. 104 <input checked="" type="checkbox"/> D. 107
Q.75	Refer to the given series and answer the question that follows (all numbers are single digit numbers only). Counting to be done from left to right only. (Left) 9 6 4 8 7 7 7 7 1 3 6 4 7 2 3 1 8 5 6 8 9 9 9 4 9 8 (Right) How many such even numbers are there, each of which is immediately preceded by an odd number and also immediately followed by an even number?
Ans	<input checked="" type="checkbox"/> A. 3 <input checked="" type="checkbox"/> B. 5 <input checked="" type="checkbox"/> C. 4 <input checked="" type="checkbox"/> D. 2
Q.76	What should come in place of the question mark (?) in the given series? 17 28 ? 50 61 72
Ans	<input checked="" type="checkbox"/> A. 39 <input checked="" type="checkbox"/> B. 40 <input checked="" type="checkbox"/> C. 31 <input checked="" type="checkbox"/> D. 36
Q.77	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 letter-cluster pair that 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. GJ - EH <input checked="" type="checkbox"/> B. MP - KN <input checked="" type="checkbox"/> C. JM - HK <input checked="" type="checkbox"/> D. KN - IM
Q.78	Refer to the following number series and answer the question that follows. Counting to be done from left to right only. (All numbers are single digit numbers only.) (Left) 5 4 4 2 6 3 6 4 6 4 7 9 4 5 8 8 2 5 3 1 7 4 8 5 9 4 1 2 7 4 (Right) How many such prime digits are there, each of which is immediately preceded by an even digit and also immediately followed by an even digit?
Ans	<input checked="" type="checkbox"/> A. More than three <input checked="" type="checkbox"/> B. One <input checked="" type="checkbox"/> C. Three <input checked="" type="checkbox"/> D. Two
Q.79	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. MRL <input checked="" type="checkbox"/> B. QVP <input checked="" type="checkbox"/> C. TYR <input checked="" type="checkbox"/> D. EJD

Q.80	Which of the given letter-number clusters will replace the question mark (?) in the following series to make it logically complete? PGE 18, TEI 26, XCM 34, BAQ 42, ?
Ans	<input checked="" type="checkbox"/> A. FYU 50 <input checked="" type="checkbox"/> B. FCV 52 <input checked="" type="checkbox"/> C. FCU 52 <input checked="" type="checkbox"/> D. GYV 50

Section : General Awareness and Current Affairs

Q.81	What is the name of the comprehensive strategic partnership treaty signed in January 2025, between Russia and Iran, covering defense, energy, cybersecurity and regional cooperation?
Ans	<input checked="" type="checkbox"/> A. Iranian-Russian Treaty on Comprehensive Strategic Partnership <input checked="" type="checkbox"/> B. Iranian-Russian Treaty on Coordination and Security Partnership <input checked="" type="checkbox"/> C. Iran-Russia Treaty on Business and Strategic Cooperation Treaty <input checked="" type="checkbox"/> D. Iran-Russia Treaty on Comprehensive Defence and Trade Partnership
Q.82	In 2025, India raised concerns with China regarding the construction of a major upstream hydropower project, urging protection of downstream rights. This project is being developed on which river?
Ans	<input checked="" type="checkbox"/> A. Brahmaputra <input checked="" type="checkbox"/> B. Sutlej <input checked="" type="checkbox"/> C. Indus <input checked="" type="checkbox"/> D. Kosi
Q.83	What was India's rank in the 2025 SDG Index released by the UN Sustainable Development Solutions Network?
Ans	<input checked="" type="checkbox"/> A. 121st <input checked="" type="checkbox"/> B. 99th <input checked="" type="checkbox"/> C. 78th <input checked="" type="checkbox"/> D. 87th
Q.84	At which competition did Gurindervir Singh break the national 100 m record?
Ans	<input checked="" type="checkbox"/> A. Asian Games <input checked="" type="checkbox"/> B. Olympic Trials <input checked="" type="checkbox"/> C. Indian Grand Prix 1 <input checked="" type="checkbox"/> D. South Asian Championships
Q.85	Who set a new world indoor 5000 m race walk record at the Italian Indoor Championships in Ancona (Feb 2025)?
Ans	<input checked="" type="checkbox"/> A. Francesco Fortunato <input checked="" type="checkbox"/> B. Toshikazu Yamanishi <input checked="" type="checkbox"/> C. Matteo Giupponi <input checked="" type="checkbox"/> D. Evan Dunfee
Q.86	Which significant new financial institution was launched in June 2025 to support India's maritime economy?
Ans	<input checked="" type="checkbox"/> A. Sagarmala Finance Corporation Ltd. <input checked="" type="checkbox"/> B. Coastal Infrastructure Fund <input checked="" type="checkbox"/> C. India Marine Credit Bank <input checked="" type="checkbox"/> D. Blue Economy Bank

Q.87	At the Bharat Climate Forum 2026, Shri C. P. Radhakrishnan stated that effective climate action can help India in which of the following?
Ans	<p><input checked="" type="checkbox"/> A. Limiting population growth</p> <p><input checked="" type="checkbox"/> B. Focusing solely on fossil fuels</p> <p><input checked="" type="checkbox"/> C. Reducing agricultural exports</p> <p><input checked="" type="checkbox"/> D. Strengthening energy security</p>
Q.88	What is the name of India's first humanoid robot developed for space missions, announced in 2023?
Ans	<p><input checked="" type="checkbox"/> A. Vikram</p> <p><input checked="" type="checkbox"/> B. Aditya</p> <p><input checked="" type="checkbox"/> C. Suryamitra</p> <p><input checked="" type="checkbox"/> D. Vyommitra</p>
Q.89	At the World Governments Summit 2025 in Dubai, which of the following awards recognised pioneering government initiatives worldwide for innovation and social impact?
Ans	<p><input checked="" type="checkbox"/> A. Smart Governance Achievement Award</p> <p><input checked="" type="checkbox"/> B. Government Innovation Excellence Award</p> <p><input checked="" type="checkbox"/> C. Global Public Leadership Award</p> <p><input checked="" type="checkbox"/> D. Global Government Excellence Award</p>
Q.90	In April 2025, at the National Federation Cup Athletics held at Maharaja's College Ground in Ernakulam, which Indian long jumper broke Anju Bobby George's 23-year-old national record with a jump of 6.64 m?
Ans	<p><input checked="" type="checkbox"/> A. Priyanka Goswami</p> <p><input checked="" type="checkbox"/> B. D Sudha Singh</p> <p><input checked="" type="checkbox"/> C. Shaili Singh</p> <p><input checked="" type="checkbox"/> D. Ancy Sojan</p>
Q.91	When did/will the new FASTag annual plan become effective in India?
Ans	<p><input checked="" type="checkbox"/> A. 26 November 2025</p> <p><input checked="" type="checkbox"/> B. 2 October 2025</p> <p><input checked="" type="checkbox"/> C. 15 August 2025</p> <p><input checked="" type="checkbox"/> D. 1 September 2025</p>
Q.92	Which league launched in January 2025 featured international kabaddi teams and set up record-level participation?
Ans	<p><input checked="" type="checkbox"/> A. Kabaddi Premier Series</p> <p><input checked="" type="checkbox"/> B. World Kabaddi League</p> <p><input checked="" type="checkbox"/> C. Indian Super Kabaddi</p> <p><input checked="" type="checkbox"/> D. Global Indian Pravasi Kabaddi League</p>
Q.93	In July 2025, the Union Environment Ministry notified the Environment Protection Rules, 2025, for which sites?
Ans	<p><input checked="" type="checkbox"/> A. Crowded Sites</p> <p><input checked="" type="checkbox"/> B. Hilltop Sites</p> <p><input checked="" type="checkbox"/> C. Chemically Contaminated Sites</p> <p><input checked="" type="checkbox"/> D. Tourist Sites</p>

Q.94	What approximate percentage of the Union Budget 2025-26 was allocated to gender-specific schemes to address women's empowerment?
Ans	<input checked="" type="checkbox"/> A. 12.21% <input checked="" type="checkbox"/> B. 2.68% <input checked="" type="checkbox"/> C. 4.56% <input checked="" type="checkbox"/> D. 8.86%
Q.95	The 15 th edition of the India-Vietnam Defence Policy Dialogue (DPD) was held in which of the following cities in November 2025?
Ans	<input checked="" type="checkbox"/> A. Hanoi <input checked="" type="checkbox"/> B. Ho Chi Minh <input checked="" type="checkbox"/> C. New Delhi <input checked="" type="checkbox"/> D. Pune
Q.96	Who co-chaired the AI Action Summit held in Paris in February 2025?
Ans	<input checked="" type="checkbox"/> A. Chancellor Olaf Scholz and President Emmanuel Macron <input checked="" type="checkbox"/> B. Prime Minister Narendra Modi and President Joe Biden <input checked="" type="checkbox"/> C. Prime Minister Narendra Modi and President Emmanuel Macron <input checked="" type="checkbox"/> D. Prime Minister Rishi Sunak and President Emmanuel Macron
Q.97	As of August 2025, who among the following was the Governor of the Reserve Bank of India?
Ans	<input checked="" type="checkbox"/> A. Shri Saugata Bhattacharya <input checked="" type="checkbox"/> B. Shri Sanjay Malhotra <input checked="" type="checkbox"/> C. Dr. Nagesh Kumar <input checked="" type="checkbox"/> D. Dr. Poonam Gupta
Q.98	On which date is Birsa Munda Martyr's Day observed, as commemorated every year?
Ans	<input checked="" type="checkbox"/> A. 26th January <input checked="" type="checkbox"/> B. 5th November <input checked="" type="checkbox"/> C. 9th June <input checked="" type="checkbox"/> D. 15th August
Q.99	Which data collection method contributed to the accurate poverty estimates in India, as per the SBI report in June 2025?
Ans	<input checked="" type="checkbox"/> A. Mixed Recall Period <input checked="" type="checkbox"/> B. Modified Mixed Recall Period <input checked="" type="checkbox"/> C. Uniform Recall Period <input checked="" type="checkbox"/> D. Periodic Recall Method
Q.100	Which tribal poet from Jharkhand received the Sahitya Akademi Yuva Puraskar in June 2025 for 'Phir Ugna'?
Ans	<input checked="" type="checkbox"/> A. Mayur Khavdu <input checked="" type="checkbox"/> B. Akhil P Dharmajan <input checked="" type="checkbox"/> C. Parvati Tirkey <input checked="" type="checkbox"/> D. Kirtida Brahmbhatt