



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - 06/2025 - CEN - 06/2025

एनटीपीसी (स्नातक स्तर) की भर्ती / Recruitment of NTPC Graduate Level



Test Date	10/07/2026
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC GRADUATE CBT 2

*** Note**

Correct Answer will carry 1 mark per Question.

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

1. Options shown in green color with a tick icon are correct.

2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : **RRB NTPC GRADUATE CBT 2**

Q.1 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.

BARS - ARBS - SRAB
FLAM - LAFM - MALF

Ans A. KEAT - EAKT - TAEK B. BALK - ABLK - KALB C. MIND - INMD - INDM D. WAST - WSAT - TSAW

Correct Answer: A

Q.2 In a ΔXYZ , XT is the bisector of $\angle X$ meeting side YZ at T. If $XY = 5.6$ cm, $YZ = 6$ cm, and $YT = 3.2$ cm, find XZ.

Ans A. 6 cm B. B).4 cm C. C).2 cm D. D).9 cm

Correct Answer: D

Q.3 Which Article of the Indian Constitution strives to promote the welfare of the people by securing and protecting them as effectively?

Ans A. Article 39 B. Article 40 C. Article 38 D. Article 41

Correct Answer: C

Q.4 In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.

Five, girls, Gauri, Ragini, Navya, Kajal and Lovely, are sitting around a circular table facing towards the centre. Who sits to the immediate left of Lovely?

(I) Gauri is sitting immediately to the right of Lovely. Ragini is sitting immediately to the left of Kajal.

(II) Navya is sitting second to the left of Kajal. Gauri is an immediate neighbour of both Navya and Lovely.

Ans A. Both statements I and II together are NOT sufficient to answer the question

B. Data in Statement I alone is sufficient to answer the question while data in statement II is not

C. Data in Statement II alone is sufficient to answer the question while data in statement I is not

D. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question

Correct Answer: C

Q.5	Refer to the following letter, number, symbol series and answer the question. Counting to be done from left to right only. (All numbers are single-digit numbers only.) (Left) S R E S 2 U ^ \$ + X B 7 N M 7 4 C Z 5 @ U 4 D / (Right) How many such numbers are there, each of which is immediately preceded by a letter and also immediately followed by a symbol?	Ans A. One	B. None	C. Two	D. Three	Correct Answer: A
Q.6	Select the triad which follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern. CF – GI – KL MP - QS – UV	Ans A. RM – QT – PR	B. BF – EI – HL	C. PL – RN – TP	D. OR – SU – WX	Correct Answer: D
Q.7	Each of V, U, T, O, N, M and L was born in a different month viz. January, March, May, June, July, September and December of the same year, starting from January and ending in December. Only two people are elder than M. Only two people were born between L and M. Only U is elder than O. T is elder than N but younger than V. How many people were born between T and U?	Ans A. One	B. Three	C. Four	D. Two	Correct Answer: B
Q.8	An early 19 th -century tribal uprising was organised in 1812 by Kerala's first agricultural tribe from the Wayanad region, resisting British agrarian exploitation. This revolt is known as the:	Ans A. Koya Viplavam	B. Kadar Tribal Revolt	C. Kurichiya Revolt	D. Kurumba Uprising	Correct Answer: C
Q.9	Solve the following equation for x involving mixed recurring decimals and express the solution as vulgar fraction. $3x + 2.3666... = 5.4666...$	Ans A. $\frac{31}{20}$	B. $\frac{29}{31}$	C. $\frac{31}{26}$	D. $\frac{31}{30}$	Correct Answer: D
Q.10	A, B, C, D, E, F, G and H are sitting around a square table facing the centre of the table. Some of them are sitting at the corners while some are sitting at the exact centre of the sides. B is seated second to the right of H. B is not seated at the centre of any side. F is the immediate neighbour of E and B. D is seated third to the left of H. G is seated in a corner. C is seated second to the right of A. How many people are seated between D and A when counted from the left of D?	Ans A. Five	B. Four	C. One	D. Three	Correct Answer: A
Q.11	What will come in the place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged? $35 + 10 \times 2 - 15 \div 3 = ?$	Ans A. 75	B. 74	C. 77	D. 76	Correct Answer: A
Q.12	Which of the following regions of the world has the highest population density due to fertile plains, industrialisation, and urban development?	Ans A. Sahara Desert	B. Greenland	C. Amazon Basin	D. South and East Asia	Correct Answer: D
Q.13	L is the mother of M. M is the mother of O. O is the sister of H. H is the wife of P. P is the father of F. F is the mother of G. How is M related to F?	Ans A. Mother's sister	B. Father's sister	C. Mother's mother	D. Sister's daughter	Correct Answer: C
Q.14	The local self-government system under the Cholas is best reflected in the:	Ans A. Allahabad Pillar Inscription	B. Uttaramerur Inscription	C. Aihole Inscription	D. Hathigumpha Inscription	Correct Answer: B
Q.15	What will come in the place of '?' in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged? $81 \times 9 - 14 \div 2 + (60 \times 6) \div 3 - 49 + 15 = ?$	Ans A. 56	B. 41	C. 64	D. 32	Correct Answer: B

Q.16	The flow of electric current in acidic solutions is due to:			
Ans A.	Gas bubbles formed	B. Ions present in the solution	C. Neutral molecules only	D. Metals in the solution
Correct Answer: B				
Q.17	Shivam borrowed a sum of ₹30,000 at a certain rate of simple interest for 3 years. If he paid an interest of ₹4,500 at the end of the period at x% per annum rate of interest, the value of x is:			
Ans A.	5	B. 6	C. 7	D. 4
Correct Answer: A				
Q.18	Carbon dioxide from the air or soil combines with water in a chemical weathering process known as which of the following?			
Ans A.	Carburation	B. Carboration	C. Carbonation	D. Carboxylation
Correct Answer: C				
Q.19	Which Article of the Constitution of India specifically provides for the constitution of Panchayats at the village, intermediate, and district levels?			
Ans A.	Article 243D	B. Article 243A	C. Article 243B	D. Article 243H
Correct Answer: C				
Q.20	A question is given, followed by two statements labelled I and II. Identify which of the statements is/are sufficient to answer the question. Among H, I, J, K, and L, who is the tallest? (I) J is taller than H and I but shorter than K. (II) L is shorter than K but taller than J.			
Ans A.	Both statements I and II together are not sufficient to answer the question			
B.	Data in Statement I alone is sufficient to answer the question while data in Statement II is not			
C.	Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question			
D.	Data in Statement II alone is sufficient to answer the question while data in Statement I is not			
Correct Answer: C				
Q.21	Based on the alphabetical order, three of the following four 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.	RUP	B. ORM	C. GJE	D. LMK
Correct Answer: D				
Q.22	Secret Mountain is a metahuman digital band conceived by whom?			
Ans A.	Arijit Singh	B. Shreya Ghoshal	C. Shankar Mahadevan	D. A.R. Rahman
Correct Answer: D				
Q.23	A certain number of people are sitting in a row, facing north. E sits at the extreme left end of the row. Exactly seven people sit between E and F. A sits third to right of F. Exactly four people sit between C and B. C sits exactly in between E and F. Exactly four people sit between B and D. D sits at one of the extreme ends. What is the total number of people seated in the row?			
Ans A.	8	B. 12	C. 15	D. 10
Correct Answer: C				
Q.24	A sum of money triples itself at a certain rate of compound interest, compounded annually in 7 years. In how many years will it amount to 27 times of itself?			
Ans A.	23 years	B. 31 years	C. 11 years	D. 21 years
Correct Answer: D				
Q.25	H, I, J, K, U, V, W and X are sitting around a square table facing the centre of the table. Four of them are sitting at the corners while four are sitting at the exact centre of the sides. Only three people sit between J and W. J does not sit at any of the corners. I sits third to the left of W. H sits second to the left of J. V is an immediate neighbour of both W and H. U is an immediate neighbor of J. X sits second to the left of W. How many people sit between K and H when counted from the left of K?			
Ans A.	One	B. Three	C. Four	D. Two
Correct Answer: C				
Q.26	Which organisation established a committee on invasive alien species in March 2026?			
Ans A.	Central Pollution Control Board B. Ministry of Environment C. National Biodiversity Authority D. Indian Council of Forestry Research			
Correct Answer: C				

Q.27	Two tangents, PQ and QR, are drawn from an external point Q to a circle of centre O. If $OQ = 41$ cm, $\angle PQR = 60^\circ$ and the radius of the circle is 9 cm, find the perimeter of $\triangle PRQ$.				
Ans A.	80 cm	B. 135 cm	C. 120 cm	D. 95 cm	Correct Answer: C
Q.28	If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', what will come in place of '?' in the following equation? $24\ C\ 16\ D\ 8\ A\ 4\ B\ 2 = ?$				
Ans A.	40	B. 32	C. 36	D. 28	Correct Answer: C
Q.29	The largest four-digit number which when divided by 8, 7 and 11 leaves remainder 4 in each case is:				
Ans A.	9956	B. 9811	C. 9860	D. 9624	Correct Answer: C
Q.30	P, Q, S, T, Y and Z each scored different marks. Only two people have scored more than Y. Only S has scored less than P. T has scored more than Q but less than Z. How many people have scored more than T?				
Ans A.	Two	B. Three	C. One	D. Four	Correct Answer: C
Q.31	Which soil type is traditionally regarded as the most suitable for cotton cultivation in India because of its high moisture-retention capacity?				
Ans A.	Desert soil found in arid western regions	B. Black soil rich in clay and moisture	C. Alluvial soil deposited by Himalayan rivers	D. Laterite soil found in high rainfall areas	Correct Answer: B
Q.32	A scientist observes a plant cell containing many colorless plastids in the storage tissue of a potato tuber. Which function is most likely associated with these plastids?				
Ans A.	Capturing sunlight to produce energy	B. Producing amino acids for protein synthesis	C. Storing starch produced through photosynthesis	D. Synthesizing red and yellow pigments	Correct Answer: C
Q.33	Which application software allows users to immediately see the result of a change in data?				
Ans A.	Spreadsheet	B. Word processor	C. Presentation tool	D. Database software	Correct Answer: A
Q.34	The famous novel "The Guide" was written by which Indian author?				
Ans A.	Raja Rao	B. Vikram Seth	C. Khushwant Singh	D. R.K. Narayan	Correct Answer: D
Q.35	You have a large dataset and need to sort it frequently based on different columns. What is an efficient way to quickly access and apply different sorting criteria without repeatedly opening the "Sort" dialogue box?				
Ans A.	Record a macro for each commonly used sort order.	B. Create Slicers for each column you want to sort by.	C. Add the "Sort" command to the Quick Access Toolbar and configure the sort settings each time.	D. Manually select the desired column each time and use the quick sort buttons.	Correct Answer: A
Q.36	Find the mean deviation about the mean for the data. 5, 10, 15, 20, 25.				
Ans A.	7	B. 6	C. 5	D. 8	Correct Answer: B
Q.37	Which of the following islands in Maharashtra is a UNESCO World Heritage site known for its ancient caves and 5 th -century sculptures?				
Ans A.	Salsette Island	B. Elephanta Island	C. Khanderi Island	D. Butcher Island	Correct Answer: B
Q.38	Primary deficit is fiscal deficit minus:				
Ans A.	Revenue deficit	B. Borrowings	C. Interest payments	D. Capital expenditure	Correct Answer: C
Q.39	Which quantity describes the rate at which work is done over a period of time?				
Ans A.	Displacement	B. Energy	C. Force	D. Power	Correct Answer: D

Q.40	What will come in the place of '?' in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged? $42 \times 3 - 25 \div 5 + (56 \times 8) \div 2 - 24 = ?$			Ans A. 149	B. 158	C. 132	D. 167	Correct Answer: A
Q.41	A rectangular field measures 68.5 m by 45.6 m. A path of uniform width 2.4 m is constructed around the outside of the field. Find the difference between the outer perimeter of the path and the perimeter of the original field.			Ans A. 17 m	B. 20 m	C. C).2 m	D. D).5 m	Correct Answer: C
Q.42	Who among the following is credited with founding the Indian National Congress in 1885?			Ans A. Allan Octavian Hume	B. Lord Ripon	C. Lord Dufferin	D. Lord Curzon	Correct Answer: A
Q.43	Two concentric circles with a common centre 'O' have a chord AB on the outer circle, which intersects the inner circle at points C and D. If the distance of the chord from the centre is 3 cm, the outer radius is 13 cm and the inner radius is 7 cm, then the length (in cm) of AC is:			Ans A. $2\sqrt{10}$	B. $3\sqrt{10}$	C. $5\sqrt{10}$	D. $4\sqrt{10}$	Correct Answer: A
Q.44	Select the option that is correct regarding the following two statements labelled Assertion (A) and Reason (R). Assertion (A): The Election Commission of India recognises parties as national, or state parties based on specified criteria. Reason (R): Recognition of political parties depends on electoral performance and adherence to rules set by the Election Commission of India.			Ans A. A is true, R is false. B. A is false, R is true. C. Both A and R are true, and R is the correct explanation of A. D. Both A and R are true, but R is not the correct explanation of A.				Correct Answer: C
Q.45	The price of a shirt is increased by 20% and then decreased by 20%. What is the net percentage change in the price?			Ans A. No change	B. 4% decrease	C. 8% decrease	D. D).4% increase	Correct Answer: B
Q.46	If 40% of a number is added to 240, then the result is the same number. 50% of the same number is:			Ans A. 220	B. 300	C. 200	D. 440	Correct Answer: C
Q.47	Which of the options below is equivalent to $27x^3 + 343y^3 + 189x^2y + 441xy^2$?			Ans A. $(3x + 10y)^3$	B. $(5x + 7y)^3$	C. $(7x + 3y)^3$	D. $(3x + 7y)^3$	Correct Answer: D
Q.48	If 'P' stands for 'x', 'Q' stands for '÷', 'R' stands for '-' and 'S' stands for '+', what will come in place of the question mark '?' in the following equation? (42 Q 6) P 5 S 7 P 11 R (64 Q 8) P 2 R 5 P 6 = ?			Ans A. 62	B. 42	C. 54	D. 66	Correct Answer: D
Q.49	Which of the following Fundamental Rights is available only to citizens and not to foreigners?			Ans A. Right to freedom of speech and expression B. Right against exploitation C. Right to life and personal liberty D. Right to Equality before law				Correct Answer: A
Q.50	The Economic Survey of India (2002–03) discusses the impact of globalisation after the 1991 reforms. Which strategy best reflects this influence when a district seeks to attract new industries?			Ans A. Enhancing agricultural subsidies B. Restricting foreign financial institutions C. Promoting domestic–foreign joint ventures D. Expanding industrial licensing				Correct Answer: C

Q.51	If $10\sin A + \cos A = \sqrt{6} \sin A$, find the value of $\tan A$.				
Ans	A. $\frac{-10 - \sqrt{6}}{96}$	B. $\frac{-11 - \sqrt{6}}{96}$	C. $\frac{-10 - \sqrt{6}}{94}$	D. $\frac{-10 - \sqrt{6}}{99}$	Correct Answer: C
Q.52	This question is based on the given words. (Left) TON TAR DEV TAB (Right) How many letters are there between the second letter of the second word from the right and the second letter of the first word from the left as per the English alphabetical order?				
Ans A.	7	B. 6	C. 8	D. 9	Correct Answer: D
Q.53	If 12 workers can complete a wall in 18 days, in how many days will 8 workers complete it?				
Ans A.	30 days	B. 27 days	C. 36 days	D. 32 days	Correct Answer: B
Q.54	9 is related to 117 following a certain logic. Following the same logic, 12 is related to 156. To which of the following is 17 related, following the same logic? (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.)				
Ans A.	186	B. 197	C. 221	D. 201	Correct Answer: C
Q.55	A new pesticide reduces the insect population in an agricultural field. Predict the most likely impact on the field's food web, considering the roles of birds, plants, and decomposers.				
Ans A.	Energy flow will stop across all trophic levels within the ecosystem				
	B. Bird populations may decline due to reduced insect prey, altering energy flow				
	C. Decomposers will increase significantly due to more dead organic matter				
	D. Plants population will decline dramatically due to lack of pollinators				Correct Answer: B
Q.56	A student heats a compound and observes the emission of brown fumes. The compound was most likely:				
Ans A.	AgCl	B. NaCl	C. $\text{Pb}(\text{NO}_3)_2$	D. CaCO_3	Correct Answer: C
Q.57	What should come in place of '?' in the given series? 111, 223, 449, 903, 1813, ?				
Ans A.	3635	B. 3536	C. 3630	D. 3036	Correct Answer: A
Q.58	The given system of linear equations possesses infinitely many solutions. $3x + 7y = 15$ $ax + by = 30$ What are the values of a and b?				
Ans A.	a = 7; b = 3	B. a = 14; b = 6	C. a = 3; b = 7	D. a = 6; b = 14	Correct Answer: D
Q.59	Refer to the following letter, number, symbol series and answer the question. Counting to be done from left to right only. (Left) Y 7 H # 4 B Q \$ 3 L 9 @ N 8 X Z * & T 2 R (Right) How many such symbols are there which are immediately preceded by a number and also immediately followed by a letter?				
Ans A.	None	B. Three	C. Two	D. One	Correct Answer: D
Q.60	Simplify: $\frac{(2^4 \times 3^4 \times 5^4)}{(2^2 \times 3^2 \times 5^2)}$				
Ans A.	905	B. 900	C. 909	D. 910	Correct Answer: B

Q.61 Amit is standing on the ground and flying a kite using a 100 m long string at an angle of elevation of 30°. Nitin is standing on the roof of a building that is 10 m high and flying his kite at an angle of elevation of 45°. The two boys are standing on opposite sides of the point where the kites meet. Find the length (in m) of the string that Nitin must use so that both kites meet at the same point. Ans A. $50\sqrt{2}$ B. $40\sqrt{2}$ C. $40\sqrt{3}$ D. $50\sqrt{3}$ Correct Answer: B
Q.62 Which of the following pairs of mineral resource projects and their locations in India is correctly matched? Ans A. Kudremukh Iron Ore Project – Karnataka B. Korba Coalfield – Rajasthan C. Neyveli Lignite Project – Punjab D. Raniganj Coalfield – Gujarat Correct Answer: A
Q.63 A wholesaler offers a scheme discount of 2% on the total purchase if the customer buys more than 100 units of a product. If the price per unit is ₹20, what is the total amount payable if the customer buys 150 units? Ans A. ₹2,980 B. ₹3,000 C. ₹2,940 D. ₹3,020 Correct Answer: C
Q.64 If the mean proportional between $(x + 3)$ and $(x - 3)$ is 4, what is the value of x; $x > 0$? Ans A. 3 B. 6 C. 4 D. 5 Correct Answer: D
Q.65 Which of the following rivers forms the largest drainage basin in India in terms of catchment area? Ans A. Krishna B. Ganga C. Narmada D. Godavari Correct Answer: B
Q.66 Find the median of the data: 4, 6, 8, 10, 12, 14. Ans A. 11 B. 10 C. 8 D. 9 Correct Answer: D
Q.67 A person travels from place P to place Q to buy an article that costs 15% less at Q than at P. He spends ₹150 on travel and still saves ₹150 compared to buying the article at P. What is his percentage saving with respect to the price at P? Ans A. A).5% B. B).5% C. 9% D. D).5% Correct Answer: A
Q.68 A sum of ₹3059 is divided into three parts such that half of the first part, one-fourth of the second part, and one-eighth of the third part are equal. Find the value (in ₹) of the third part. Ans A. 1848 B. 1748 C. 1548 D. 1948 Correct Answer: B
Q.69 Which feature best distinguishes meristematic tissue from other plant tissues in terms of cell division and function? Ans A. Cells divide actively and contribute to plant growth B. Cells store vital nutrients and maintain reserves C. Cells form a protective covering across plant surface D. Cells transport water and minerals throughout the plant Correct Answer: A
Q.70 Which dance form was earlier known by the generic name Yakshagaana? Ans A. Bharatanatyam B. Mohiniyattam C. Kuchipudi D. Kathak Correct Answer: C
Q.71 A can complete a work in 9 days and B can complete the same work in 22 days. If they work together for 2 days, what fraction of the work remains unfinished? Ans A. $\frac{76}{99}$ B. $\frac{68}{99}$ C. $\frac{71}{99}$ D. $\frac{73}{99}$ Correct Answer: B
Q.72 Under Article 75(3) of the Constitution of India, which body is collectively responsible to the House of the People (Lok Sabha)? Ans A. Rajya Sabha B. Finance Commission of India C. Council of Ministers D. Supreme Court of India Correct Answer: C
Q.73 A shopkeeper buys a laptop for ₹40,000. He first sells it at a 20% profit. Later, the buyer sells it to another person at a 10% loss. What is the final selling price of the laptop? Ans A. ₹43,200 B. ₹42,000 C. ₹50,000 D. ₹48,000 Correct Answer: A

Q.74 What is the primary advantage of converting an MS PowerPoint presentation to PDF format?

- Ans A. Automatically applies document encryption and password protection
B. Ensures universal viewing without requiring PowerPoint software
C. Enables cross-platform editing with multiple software applications
D. Significantly reduces file size while maintaining visual quality

Correct Answer: B

Q.75 In a certain code language,
A + B means 'A is the mother 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', and
A # B means 'A is the daughter of B'.
Which of the following means that Q is the sister of the wife of L?
I. V % Q # K + Z - T x L
II. V + Q # K % Z - T + L
III. V # K x Q % L + T # Z
IV. V + Q # G - Z % T + L

- Ans A. Both I and III B. Only IV C. Only I D. Both II and IV

Correct Answer: C

Q.76 CM24 is related to HR26 in a certain way based on the English alphabetical order. In the same way, AT15 is related to FY17. To which of the following is CR12 related, following the same logic?

- Ans A. HW14 B. IW14 C. IV14 D. HV14

Correct Answer: A

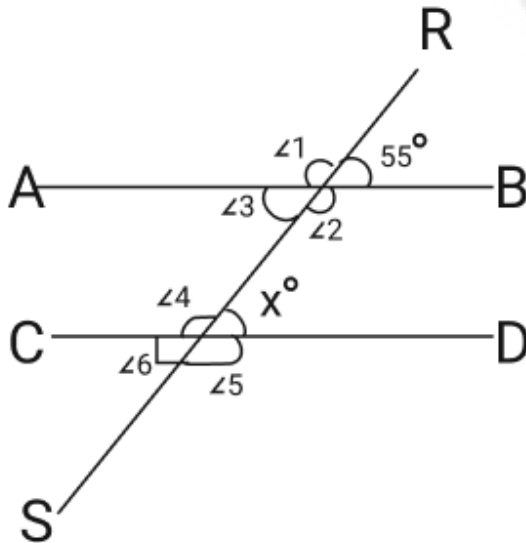
Q.77 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

LTP25 MUQ36 NVR47 OWS58 ?

- Ans A. PXU69 B. PXT69 C. PXT68 D. PXU68

Correct Answer: B

Q.78 In the given figure, AB is parallel to CD and RS is a transversal. Find the value of X.



- Ans A. 55 B. 45 C. 35 D. 65

Correct Answer: A

Q.79 The base of a parallelogram is thrice its height. If the area of the parallelogram is 216 cm^2 , then find its height.

- Ans A. $5\sqrt{2} \text{ cm}$ B. $7\sqrt{2} \text{ cm}$ C. $8\sqrt{2} \text{ cm}$ D. $6\sqrt{2} \text{ cm}$

Correct Answer: D

Q.80 A wire of resistance 10 ohms is cut into two equal pieces. If these pieces are connected in parallel, what is the equivalent resistance?

- Ans A. 10 ohms B. 20 ohms C. 5 ohms D. 5 ohms

Correct Answer: C

Q.81 In this question, a group of number/symbol is coded using letter codes as per the codes given below and the conditions which follow. The correct combination of codes following the conditions is your answer. If none of the conditions follow, then codes for the respective Number/Symbol to be followed directly as given in the table.

Number/symbol	3	\$	5	1	@	%	2	&	+	7	#	8	4	6
Code	W	I	D	M	O	H	Z	T	G	S	U	E	X	V

Conditions:

(i) If both first and last elements are symbols, the codes for these two (the first and the last elements) are to be interchanged.

(ii) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.

(iii) If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.

What is the code for the following number-symbol group?

3 % @ 1 4

Ans A. © H O M ©

B. © M O H ©

C. W H O M X

D. W M O H ©

Correct Answer: A

Q.82 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

KDW 25, NGZ 35, QJC 55, TMF 95, WPI 175, ?

Ans A. LSL 335

B. ZML 335

C. ZSL 335

D. ZSG 335

Correct Answer: C

Q.83 Find the vertex C (x, y) of a ΔABC whose other vertices are A(1, 5) and B(4, 7), and the centroid is D(4, 5).

Ans A. C (7, 4)

B. C (3, 6)

C. C (6, 3)

D. C (7, 3)

Correct Answer: D

Q.84 In June 2025, who among the following was appointed as the Secretary of the Research and Analysis Wing (RAW), India's external intelligence agency?

Ans A. Arvind Kumar

B. Parag Jain

C. Ravi Sinha

D. Samant Goel

Correct Answer: B

Q.85 This question is based on the five, three-digit numbers given below.

(Left) 715 438 961 127 821 (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 third digit of the highest number is added to the second digit of lowest number?

Ans A. 10

B. 9

C. 6

D. 3

Correct Answer: D

Q.86 Two cubes, each of volume 216 cm^3 , are joined end to end. Find the length of the diagonal of the resulting cuboid.

Ans A. $5\sqrt{2} \text{ cm}$

B. $8\sqrt{7} \text{ cm}$

C. $7\sqrt{3} \text{ cm}$

D. $6\sqrt{6} \text{ cm}$

Correct Answer: D

Q.87 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on first number results in the second number. Similarly, certain mathematical operation on second number results in the third number and so on. Which of the given options follows the same set of operations as that followed in the question?

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constitute 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.)

5 – 5 – 25 – 125;

4 – 4 – 16 – 64

Ans A. 7 – 7 – 49 – 94

B. 8 – 8 – 64 – 520

C. 6 – 6 – 36 – 216

D. 3 – 3 – 9 – 36

Correct Answer: C

Q.88 A user wants to transfer a large file to a colleague over the internet. Which internet service is most suitable for this task?

Ans A. World Wide Web

B. E-mail

C. Instant Messaging

D. File Transfer Protocol (FTP)

Correct Answer: D

Q.89 The symbol Z in atomic notation refers to:

Ans A. Neutron number

B. Atomic number

C. Charge

D. Mass number

Correct Answer: B

Q.90	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 is the one 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 A.	HMP	B. JOR	C. OSV	D. DIL
	Correct Answer: C			
Q.91	Choose the correct statements about quadrilaterals from the ones given below.			
	A. In an isosceles trapezium, the parallel sides are equal. B. Kite is a type of parallelogram. C. All squares are rhombus. D. The quadrilateral formed by joining the mid-points of the sides of any quadrilateral is a trapezium.			
Ans A.	A, B, D	B. Only C	C. A, D	D. B, C
	Correct Answer: B			
Q.92	Who among the following was jointly awarded the 2025 Nobel Prize in Economic Sciences along with 2 other economists?			
Ans A.	Daron Acemoglu	B. Joel Mokyr	C. Thomas Piketty	D. Paul Krugman
	Correct Answer: B			
Q.93	Omaira starts from point F and walks 45 m towards south. She takes a left turn, walks 30 m and then takes a left turn, walks 20 m, reaches point C and stops. Anjan starts from point Q which is 15 m towards the north of point C. He walks 30 m towards east, takes a left turn, walks 10 m and stops at point U. What is the shortest distance between point F and point U? (All turns are 90° turns only.)			
Ans A.	35 m	B. 25 m	C. 75 m	D. 60 m
	Correct Answer: D			
Q.94	The inscriptions of Emperor Ashoka were predominantly composed in which of the following scripts?			
Ans A.	Brahmi	B. Devanagari	C. Kharosthi	D. Gupta script
	Correct Answer: A			
Q.95	At which of the following Indus Valley Civilization sites was a dockyard discovered?			
Ans A.	Kalibangan	B. Harappa	C. Lothal	D. Mohenjo-daro
	Correct Answer: C			
Q.96	Five interior angles of a 10-sided figure are each 185 degrees. If the remaining five interior angles are equal, then each of the five angles (in degrees) is equal to:			
Ans A.	101	B. 107	C. 105	D. 103
	Correct Answer: D			
Q.97	The International Day for Disaster Risk Reduction (IDRR) 2025 is observed under which theme?			
Ans A.	Rebuilding Communities Together	B. Investing in Sustainable Futures	C. Strengthening Early Warning Systems	D. Fund Resilience, Not Disasters
	Correct Answer: D			
Q.98	At which level of the Panchayati Raj system do Mandal or Taluka Panchayats function?			
Ans A.	Metropolitan level	B. District level	C. Intermediate level	D. Village level
	Correct Answer: C			
Q.99	What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?			
	$108 \times 4 - 13 + 4 \div 7 = ?$			
Ans A.	14	B. 10	C. 16	D. 12
	Correct Answer: D			
Q.100	Latitudes and longitudes are commonly referred to as what in geographical terminology?			
Ans A.	Geographical boundaries	B. Planetary markers	C. Geographical coordinates	D. Global divisions
	Correct Answer: C			
Q.101	Sushant and Varun are running on a circular track of 400 metres. Sushant completes one round in 100 seconds, and Varun completes one round in 80 seconds. They start simultaneously from the same point and run in opposite directions. How many times do they meet before they both return together to the starting point again?			
Ans A.	9	B. 8	C. 12	D. 10
	Correct Answer: B			

Q.102	In a linear race of 750 meters, X can beat Y by 10 meters. In a race of 444 meters, Y can beat Z by 6 meters. In a race of 150 meters, X will beat Z by how many meters?			Ans A. 3	B. 4	C. 2	D. 6	Correct Answer: B
Q.103	Which player won the 2025 Ballon d'Or (Men's) at the ceremony held in Paris on 22 September 2025?			Ans A. Erling Haaland	B. Kylian Mbappé	C. Jude Bellingham	D. Ousmane Dembélé	Correct Answer: D
Q.104	Each of A, B, C, M, N and O has scored different marks. Only two people have scored less than B. C has scored immediately more than M. Only two people have scored between M and O. A has scored more than N. No one has scored less than O. How many people have scored more than N?			Ans A. Three	B. Two	C. One	D. Four	Correct Answer: D
Q.105	What should come in place of '?' in the given series? 39 52 65 78 91 ?			Ans A. 117	B. 104	C. 110	D. 99	Correct Answer: B
Q.106	Who built the Marble Palace in Kolkata, a grand mansion noted for its Renaissance art collection and neoclassical architecture?			Ans A. Dadabhai Naoroji	B. Bankim Chandra Chatterjee	C. Keshab Chandra Sen	D. Raja Rajendra Mullick	Correct Answer: D
Q.107	At the Coal India Inter-Company Powerlifting, Weightlifting, and Bodybuilding Championship 2025-26 held in Nagpur in October 2025, which team won the overall championship title?			Ans A. SCCL	B. SECL	C. WCL	D. MCL	Correct Answer: C
Q.108	Which committee recommended the shift from administered interest rates to market-determined rates in India?			Ans A. Narasimham Committee I (1991) B. Kelkar Committee (2002) C. Rangarajan Committee (1997) D. Chelliah Committee (1991)				Correct Answer: A
Q.109	An object is placed 10 cm in front of a lens, and the image is formed at 30 cm on the same side as the object. What is the magnification produced by the lens?			Ans A. -A).3	B. -3	C. C).3	D. 3	Correct Answer: D
Q.110	Which of the following Boards will be established under the Sustainable Harnessing and Advancement of Nuclear Energy for Transforming India Act, 2025?			Ans A. Nuclear Power Development Board B. Central Radiation Monitoring Board C. National Nuclear Safety Board D. Atomic Energy Regulatory Board				Correct Answer: D
Q.111	A and B complete a work in 35 days. If A alone can do it in 60 days, then B alone can do one-third of the same work in _____ days.			Ans A. 28	B. 84	C. 36	D. 42	Correct Answer: A
Q.112	A box initially at rest is pushed with a force of 30 N to the right while friction applies a force of 30 N to the left. What happens to the motion of the box?			Ans A. The box remains at rest. B. The box accelerates to the right. C. The box slows down and stops. D. The box moves in the opposite direction.				Correct Answer: A
Q.113	Which of the following conservation sites in India is famous for the successful conservation of the one-horned rhinoceros?			Ans A. Gir National Park	B. Silent Valley National Park	C. Periyar Wildlife Sanctuary	D. Kaziranga National Park	Correct Answer: D
Q.114	How can you vertically center the text inside selected cells of a table in MS Word 2021?			Ans A. Home tab > Paragraph group > Align Left B. Home tab > Paragraph group > Align Right C. Right-click selection > Table Properties > Cell tab > Vertical alignment: Center D. Home tab > Paragraph group > Justify				Correct Answer: C

Q.115 The ratio of Rahul's age to his son's age is 7 : 2. If Rahul is 49 years old, what is his son's age?

Ans A. 14 years B. 12 years C. 15 years D. 13 years

Correct Answer: A

Q.116 Each of A, B, C, D, S, T and U was born in a different month viz. January, February, April, May, June, September and December of the same year starting from January and ending in December. D was born in June. Only S is younger than B. C is elder than T but younger than A. U was born in February. How many people were born between B and A?

Ans A. Two B. One C. Three D. Four

Correct Answer: D

Q.117 The Extremist approach differed from the Moderate approach mainly because Extremists ____.

Ans A. Opposed the use of national economic policies for public welfare B. Emphasised mass participation and direct political agitation
C. Advocated exclusive constitutional negotiations with the government D. Promoted administrative reforms as the sole path to Swaraj

Correct Answer: B

Q.118 A metallic sheet is of the rectangular shape with length 56 cm and width 40 cm. From each corner, a square of 10 cm is cut-off. A closed box is made of the remaining sheet. How many match boxes of length 4.0 cm breadth 2.0 cm and height 1.5 cm it can accommodate?

Ans A. 620 boxes B. 600 boxes C. 610 boxes D. 550 boxes

Correct Answer: B

Q.119 In a certain code,
'wishing everyone well' is coded as 'lh cv vd',
'wishing happy days' is coded as 'fv fz lh',
'days everyone enjoy' is coded as 'cv vm fz'.
(All the codes are two-letter codes only.)

What is the possible code for 'happy everyone'?

Ans A. cv fz B. fv cv C. fv lh D. vd fz

Correct Answer: B

Q.120 The Industrial Policy Resolution (1956), adopted during the Second Five Year Plan, aimed at which of the following?

Ans A. Establishing a socialist pattern of society B. Reducing public sector involvement C. Promoting only consumer goods industries
D. Privatization of heavy industries

Correct Answer: A