



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	24/03/2026
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC GRADUATE CBT 1

* 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 1

Q.1 Which of the following pollutants is most closely associated with the formation of acid rain?

Ans A) Ammonia B) Methane C) Ozone D) Sulphur dioxide

Correct Answer: D

Q.2 Which leader was a close associate of Mahatma Gandhi and carried out a salt protest in the Madras Presidency during the Civil Disobedience Movement?

Ans A) Sarojini Naidu B) Sardar Vallabhbhai Patel C) C. Rajagopalachari D) K. Kamaraj

Correct Answer: C

Q.3 The National Commission for Scheduled Tribes (NCST) was created by which Constitutional Amendment?

Ans A) 97th Amendment B) 65th Amendment C) 89th Amendment D) 102nd Amendment

Correct Answer: C

Q.4 A typist takes 40 minutes to type 2 pages. How long (in minutes) will he take to type 84 pages?

Ans A) 1690 B) 1670 C) 1680 D) 1685

Correct Answer: C

Q.5 The Digital India programme was launched in which year to enable digital delivery of services to citizens?

Ans A) 2015 B) 2019 C) 2020 D) 2017

Correct Answer: A

Q.6 In a certain code language, 'COOK' is coded as '8245' and 'HOOK' is coded as '5429'. What is the code for 'H' in that language?

Ans A) 8 B) 9 C) 4 D) 5

Correct Answer: B

Q.7 Which of the following nuclear power stations has the highest capacity (Megawatt electric) as of 2023?

Ans A) Narora Atomic Power Plant B) Tarapur Atomic Power Plant C) Kudankulam Atomic Power Plant D) Kakrapar Atomic Power Plant

Correct Answer: C

Q.8 X, Y, Z, S, T and U live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2, and so on till the topmost floor is numbered 6. U lives on floor number 4. Only two people live between U and Z. Only T lives between U and Y. X lives immediately below U. Who lives on floor number 5?

Ans A) S B) Y C) X D) T

Correct Answer: D

Q.9 A quadratic polynomial $f(x)$ gives a remainder of 5 when divided by $(x - 2)$, and of -3 when divided by $(x - 4)$. If $f(x)$ is of the form $ax^2 + bx + c$ and the leading coefficient is 1, then which of the following is the correct quadratic equation $f(x)=0$?

Ans A) $x^2 - 10x + 21 = 0$ B) $x^2 - 6x + 11 = 0$ C) $x^2 - 9x + 20 = 0$ D) $x^2 - 8x + 13 = 0$

Correct Answer: A

Q.10 Which of the following statements best describes the role of Self-Help Groups (SHGs) in India?

Ans A) They provide large-scale industrial loans to farmers B) They function as government-owned cooperative banks
C) They operate as regional offices of the Reserve Bank of India D) They encourage thrift and extend micro-credit facilities to poor rural women

Correct Answer: D

Q.11 What property do solids possess due to their closely packed particles?

Ans A) Rigidity B) Transparency C) Fluidity D) Compressibility

Correct Answer: A

Q.12 Which Indian government initiative has been introduced to support informal workers in urban areas?

Ans A) Jal Shakti Abhiyan B) PM-KISAN C) PM-SVANidhi D) PM Ujjwala Yojana

Correct Answer: C

Q.13 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 letter-cluster pair 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) RQ-PO B) ZY-XW C) YX-WV D) LK-IK

Correct Answer: D

Q.14 Each of the digits in the number 7814329 is arranged in ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

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

Correct Answer: D

Q.15 Seven people B, C, D, O, P, Q and R are sitting around a circular table facing the center of the table. Only four people sit between D and C when counted from the right of D. R sits third to the right of D. B sits third to the left of Q. P is an immediate neighbor of both C and R. How many people sit between O and P when counted from the left of O?

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

Correct Answer: D

Q.16 Which city hosted the signing of the first universal legal framework to combat the escalating threat of cybercrime worldwide, when 72 nations signed the United Nations Convention against Cybercrime?

Ans A) Geneva B) Vienna C) New York D) Hanoi

Correct Answer: D

Q.17 At UNEA-7, in December 2025, which initiative highlighted by India emphasizes individual and community action for environmental sustainability, contributing to SDG 12 (Responsible Consumption & Production) and SDG 13 (Climate Action)?

Ans A) Make in India B) Mission LiFE C) Swachh Bharat Abhiyan D) Digital India

Correct Answer: B

Q.18 What contributed to the height of the Citadel in the Harappan civilisation?

Ans A) Mud brick platforms B) Stone construction C) Adobe walls D) Wooden pillars

Correct Answer: A

Q.19 When was the Pradhan Mantri Janjatiya Unnat Gram Abhiyaan (PMJUGA) started?

Ans A) 2023 B) 2024 C) 2022 D) 2025

Correct Answer: B

Q.20 In an election between two candidates, 80% of the registered voters cast their votes and 3% of the votes polled were found invalid. Winning candidate got 52% of the valid votes and won the election by a margin of 291 votes. How many voters were registered?

Ans A) 9373 B) 9370 C) 9378 D) 9375

Correct Answer: D

Q.33	In which year was the 52nd Amendment Act of the Indian Constitution, which introduced the Anti-Defection Law to prevent elected representatives from switching political parties, passed?			
Ans A)	1985	B) 1975	C) 1990	D) 1980
				Correct Answer: A
Q.34	Three positive integers, a, b, c, satisfy: $\gcd(a, b) = 8$, $\gcd(b, c) = 12$, $\gcd(c, a) = 4$ and $\text{LCM}(a, b, c) = 240$. Then, the minimum value of $a + b + c$ is:			
Ans A)	100	B) 84	C) 96	D) 80
				Correct Answer: A
Q.35	What was the theme of the Emerging Science, Technology, and Innovation Conclave (ESTIC) held in November 2025?			
Ans A)	Emerging Technologies for a Better Tomorrow	B) Imagine, Innovate, Inspire for Viksit Bharat 2047		
C)	Innovating for Sustainable Development	D) Science and Technology for Inclusive Growth		
				Correct Answer: D
Q.36	Solve the given equations for (x, y, z):			
	$\begin{aligned} x + y + z &= 2 \\ 6x - 4y + 5z &= 31 \\ 5x + 2y + 2z &= 13 \end{aligned}$			
Ans A)	(3, -2, -1)	B) (-3, -2, 1)	C) (3, -2, 1)	D) (3, 2, 1)
				Correct Answer: C
Q.37	The ratio of the lengths of two corresponding sides of two similar triangles is 16 : 14. The ratio of the areas of these two triangles, in the order mentioned, is:			
Ans A)	256 : 196	B) $16\sqrt{16} : 14$	C) 257 : 197	D) 16 : 14
				Correct Answer: A
Q.38	The founder of the Chola empire, Vijayalaya, was the feudatory of which of the following South Indian powers?			
Ans A)	Chalukyas	B) Vakatakas	C) Pallavas	D) Gangas
				Correct Answer: C
Q.39	There are 12 members in group A, 55 members in group B and 89 members in group C. All the members of these groups went to a restaurant. The average amounts spent on each member of groups A, B and C are ₹160, ₹109 and ₹181, respectively. The overall average amount (in ₹) spent per member is:			
Ans A)	157	B) 153	C) 151	D) 154
				Correct Answer: D
Q.40	When the kidneys are not able to reabsorb the glucose, then the glucose will be excreted through the urine. This condition is known as:			
Ans A)	Cystinosis	B) Ascites	C) Glycosuria	D) Lupus nephritis
				Correct Answer: C
Q.41	The selling price of 48 pieces of an item is same as the cost price of its x pieces. If the profit is 25%, then find the value of x.			
Ans A)	60	B) 40	C) 50	D) 70
				Correct Answer: A
Q.42	Who among the following was NOT sentenced to death in the Kakori Conspiracy Case (1925)?			
Ans A)	Sachindra Nath Bakshi	B) Roshan Singh	C) Ashfaqulla Khan	D) Rajendra Lahiri
				Correct Answer: A
Q.43	If $(x + y) : (y + z) : (z + x) = 6 : 7 : 8$ and $x + y + z = 14$, then find the value of z.			
Ans A)	8	B) 6	C) 5	D) 7
				Correct Answer: B
Q.44	How many coins, each 5.5 cm in circumference and 2 mm thick, must be melted to form a cuboid of dimensions 14 cm × 11 cm × 8 cm? (Use $\pi = 22/7$)			
Ans A)	2560	B) 2370	C) 2480	D) 2240
				Correct Answer: A
Q.45	The sum of the cubes of the numbers 55, -30 and -25 is equal to:			
Ans A)	132570	B) 132750	C) 123570	D) 123750
				Correct Answer: D

Q.46 Dinesh starts from Point A and drives 46 km towards West. He then takes a left turn, drives 25 km, turns left and drives 35 km. He then takes a left turn and drives 67 km. He takes a final right turn, drives 11 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90 degrees turns only unless specified)

Ans A) 40 km to the South B) 40 km to the North C) 42 km to the South D) 42 km to the North

Correct Answer: C

Q.47 Refer to the given letter, number, symbol series and answer the question that follows. Counting to be done from left to right. All numbers are single-digit numbers.

(Left) W 5 \$ D % 9 R Q 2 8 @ F # 6 P 3 V & L 4 K ^ U (Right)

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

Ans A) None B) Three C) One D) Two

Correct Answer: D

Q.48 Govind gets double the amount in 7 years when invested at compound interest, compounded annually. In how many years will the amount become eight times itself?

Ans A) 28 B) 14 C) 21 D) 56

Correct Answer: C

Q.49 Select the pair which follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern.

RUB : WSG
BQL : GOQ

Ans A) LMV : QKA B) BCG : GYL C) KDH : NZK D) MHV : OCX

Correct Answer: A

Q.50 The Harappan cities were famous for their _____.

Ans A) Irregular street patterns B) Stone palaces C) Grid system of town planning D) Wooden houses

Correct Answer: C

Q.51 At what rate per annum will a sum of money become four times itself in 25 years under simple interest?

Ans A) 10% B) 14% C) 12% D) 24%

Correct Answer: C

Q.52 Article 23 specifically prohibits which practice?

Ans A) Child employment in hazardous industries B) Compulsory service in the armed forces C) Trafficking in human beings
D) Conferring of titles

Correct Answer: C

Q.53 Which forest type in India is known for its year-round green canopy due to no fixed period of leaf shedding?

Ans A) Montane pine forests B) Tropical thorn forests C) Tropical evergreen forests D) Dry deciduous forests

Correct Answer: C

Q.54 Which of the given letter-number clusters will replace the question mark (?) in the following series to make it logically complete?
HKS 13 NQY18 TWE 23 ZCK 28 ?

Ans A) LFT 36 B) FIQ 33 C) KSR 38 D) BSO 35

Correct Answer: B

Q.55 In December 2025, which institution's scientists created the bioluminescent CRISPR protein 'GlowCas9' that can track gene editing?

Ans A) IIT, Delhi B) TIFR, Mumbai C) IISc, Bangalore D) Bose Institute, Kolkata

Correct Answer: D

Q.56 Which of the following letter-number clusters will replace the question mark "?" in the given series to make it logically complete?
YIV 11, VGU 15, SET 19, PCS 23, ?

Ans A) NAQ 29 B) MYN 25 C) MAR 27 D) MZP 27

Correct Answer: C

Q.57 Three friends X, Y and Z started a business by investing a sum of money in the ratio of 9 : 4 : 8. After 6 months, X withdraws half of his capital. If the sum invested by Z is ₹23,000, then out of a total annual profit of ₹33,000, what is the difference between X's and Y's profit?

Ans A) ₹5845 B) ₹3880 C) ₹4840 D) ₹4660

Correct Answer: C

Q.58 In a certain code language,
M + K means 'M is the brother of K',
M % K means 'M is the mother of K',
M \$ K means 'M is the father of K', and
M - K means 'M is the sister of K'.
Based on the above, how is C related to W if 'W % A \$ C + J'?

Ans A) Brother's son B) Son C) Brother D) Son's son

Correct Answer: D

Q.59 Which of the following Acts granted Delhi, the National Capital Territory, a legislative assembly?

Ans A) Delhi Governance Act, 2001 B) Delhi Administration Act, 1987 C) Union Territories Act, 1963 D) Government of NCT of Delhi Act, 1991

Correct Answer: D

Q.60 Which characteristic of a computer ensures that identical input and instructions always produce the same output?

Ans A) Flexibility B) Consistency C) Expansion D) Mobility

Correct Answer: B

Q.61 The sum of the interior angles of a regular polygon is 1620° . What is the difference (in degrees) between the measures of an interior angle and an exterior angle of the polygon?

Ans A) $114\frac{6}{11}$ B) $182\frac{5}{11}$ C) $213\frac{2}{11}$ D) $151\frac{3}{11}$

Correct Answer: A

Q.62 The biography Sivam Subham: The Biography of a Couple, highlighted in October 2025 current-affairs notes, chronicles the life of which legendary couple?

Ans A) Ravi Shankar and Annapurna Devi B) M.S. Subbulakshmi and T. Sadasivam C) Lata Mangeshkar and Hridaynath Mangeshkar
D) Kishore Kumar and Ruma Guha Thakurta

Correct Answer: B

Q.63 By selling an article at $\frac{3}{11}$ of its marked price, Hitesh incurs a loss of 15%.

If he sells it at 54% of its marked price, then the profit percentage is

Ans A) 67.4% B) 68.3% C) 67.2% D) 69.5%

Correct Answer: B

Q.64 107 is related to 158 following a certain logic. Following the same logic, 122 is related to 173. To which of the following is 154 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) 205 B) 218 C) 198 D) 213

Correct Answer: A

Q.65 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.

Q. Arjun, Kunal, Mohit, Prateek, and Saurav, each have different height. Who is the tallest?

(I) Mohit is taller than Arjun and Kunal but shorter than Prateek.
(II) Saurav is taller than Mohit but shorter than Prateek.

Ans A) Data in Statement I alone is sufficient to answer the question while data in Statement II is not
B) Both statements I and II together are NOT sufficient to answer the question
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.66 Who was popularly known as the 'Lion of Punjab' during the Extremist phase?

Ans A) Rajguru B) Bhagat Singh C) Lala Lajpat Rai D) Bal Gangadhar Tilak

Correct Answer: C

Q.79 What should come in place of '?' in the given series?

73 71 68 63 56 ?

Ans A) 45 B) 44 C) 46 D) 43

Correct Answer: A

Q.80 Which glacier, located in the Karakoram range, is the longest in this range and the second longest in the world outside the polar regions?

Ans A) Pindari Glacier B) Baltoro Glacier C) Siachen Glacier D) Gangotri Glacier

Correct Answer: C

Q.81 51 is related to 253 following a certain logic. Following the same logic, 38 is related to 188. To which of the following is 32 related, following the same logic?
(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, 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) 156 B) 158 C) 152 D) 154

Correct Answer: B

Q.82 What should come in place of '?' in the given series?

122 120 117 112 105 ?

Ans A) 93 B) 94 C) 95 D) 92

Correct Answer: B

Q.83 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:

Some beds are pillows.
All pillows are towels.
All towels are cushions.

Conclusions:

(I) All cushions are pillows.
(II) Some towels are beds.

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

Correct Answer: A

Q.84 The ratio of the angles of a triangle is 2:3:4. What percentage of the total angle measure is the largest angle? (Round to the nearest integer)

Ans A) 44% B) 40% C) 42% D) 46%

Correct Answer: A

Q.85 Two taps can fill a cistern in 4 hours and 30 hours respectively. A third tap can empty it in 30 hours. How long (in hours) will it take to fill one-fourth of the empty cistern, if all of them are opened together?

Ans A) 3 B) 1 C) 2 D) 4

Correct Answer: B

Q.86 Refer to the following letter, number and symbol series and answer the question. (All numbers are single digit numbers only)

(Left) E % Y & T 2 K 4 # 5 C * 6 S D \$ 3 7 R @ G (Right)

If all the numbers are dropped from the series, which of the following will be seventh from the right?

Ans A) S B) * C) K D) C

Correct Answer: B

Q.87 The marks obtained by a student in five subjects are: 72, 68, 74, 70, and 76. What is the average marks of the student per subject?

Ans A) 74 B) 70 C) 75 D) 72

Correct Answer: D

Q.88 J, K, L, R, S and T live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it is numbered 2 and so on till the topmost floor is numbered 6. Only three people live between R and S, where R lives below S. J lives on an odd numbered floor and immediately above R. L lives on one of the floors below K and on one of the floors above T. Who lives on floor number 4?

Ans A) T B) R C) L D) J

Correct Answer: C

Q.89 A computer performs millions of calculations in a fraction of a second. Which characteristic is primarily demonstrated here?

Ans A) Versatility B) Accuracy C) Storage D) Speed

Correct Answer: D

Q.90 In a circular race of length 1530 m, Shahrukh and Amir start simultaneously from the same point and run in the same direction. Shahrukh completes one round in 85 seconds, while Amir completes one round in 90 seconds. How many different meeting points are there on the circumference of the track?

Ans A) 1 B) 35 C) 11 D) 2

Correct Answer: A

Q.91 Who among the following composed the work Rajashekharacharitra, which is a Prabandha dealing with the wars and loves of Rajashekhara, King of Avanti?

Ans A) Allasani Peddana B) Madayagari Mallana C) Krishnadevaraya D) Nachana Somanatha

Correct Answer: B

Q.92 The following table shows the heights of plants (in cm) and the corresponding number of plants. Find the mode of the data.

Height (in cm) 14 27 23 21 19 17

Number of Plants 1 3 6 12 7 5

Ans A) 21 cm B) 27 cm C) 24 cm D) 23 cm

Correct Answer: A

Q.93 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 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.)

(34, 1088, 16)
(21, 420, 10)

Ans A) (28, 224, 4) B) (8, 279, 17) C) (4, 79, 9) D) (23, 513, 11)

Correct Answer: A

Q.94 X, Y, Z, S, T and U live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. Only two people live between T and Y. Only S lives above U. Z lives on an even numbered floor. T lives on the lowermost floor. How many people live between X and T?

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

Correct Answer: A

Q.95 A, B, C, D, E, F and G sit around a circular table, facing the centre. Only two people sit between G and F when counted from the right of G. Only three people sit between D and E when counted from the right of E. F sits to the immediate right of E. A sits to the immediate right of B. How many people sit between B and G when counted from the left of G?

Ans A) 4 B) 2 C) 1 D) 3

Correct Answer: B

Q.96 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.
Statements: Some lakes are oceans. All planets are oceans. All lakes are roads.
Conclusion (I): Some oceans are roads.
Conclusion (II): Some planets are lakes.

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

Correct Answer: A

Q.97 The number of significant figures present in 0.00200 is _____.

Ans A) 5 B) 4 C) 3 D) 6

Correct Answer: C

Q.98 Ansh walks to his school at a certain speed from his home in the morning and returns in the afternoon at a speed, which is 2 km/h slower than his speed in the morning. If the average speed of Ansh of going to and coming back from the school is 4.8 km/h, find the sum of the speeds (in km/h) of Ansh in the morning and afternoon.

Ans A) 9 B) 10 C) 8 D) 11

Correct Answer: B

Q.99 Which of the following rulers of the Gurjara-Pratihara dynasty is credited with resisting Arab invasions effectively?

Ans A) Ramabhadra

B) Nagabhata I

C) Mihira Bhoja

D) Yasovarman I

Correct Answer: B

Q.100 What is the purpose of Pressing ALT + F4 in Windows operating system?

Ans A) Delete selected text

B) Switch tabs

C) Close the current window or application

D) Open the Find dialog

Correct Answer: C

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