



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	25/03/2026
Test Time	9:00 AM - 10:30 AM
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 is NOT an impact of globalisation on Indian economy?

- Ans
- A. Foreign direct investment (FDI) has been liberalised
 - B. Foreign institutional investments are made more restrictive for stability of the economy
 - C. Two stage devaluation of the rupee by about twenty percent in July, 1991
 - D. Introduction of a system of partial convertibility of the rupee

Q.2 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, a certain mathematical operation on the second number results in the third number, and so on. Which of the given options follows the same set of operations as in the question? (NOTE: A two-/three-digit number cannot be broken into individual digits for operations, e.g. if 37 is followed by 10, the operation cannot be $3 + 7$, as a two-digit number cannot be broken into individual digits.)

50 – 10 – 5 – 15 ; 200 – 40 – 20 – 30

- Ans
- A. 160 – 40 – 20 – 30
 - B. 120 – 60 – 30 – 40
 - C. 100 – 20 – 40 – 60
 - D. 400 – 80 – 40 – 50

Q.3 Seven people F, G, H, I, V, W, and X are sitting around a circular table facing the centre of the table. I sits third to the right of G. Only two people sit between I and F. Only three people sit between G and V. H sits to the immediate left of W. Who sits fourth to the left of X?

- Ans
- A. H
 - B. I
 - C. W
 - D. F

Q.4 Who was the first Portuguese Governor to implement the "Blue Water Policy" in India?

- Ans
- A. Alfonso de Albuquerque
 - B. Vasco da Gama
 - C. Francisco de Almeida
 - D. Pedro Álvares Cabral

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Q.5	During 1991–92 to 1998–99, which industrial sector showed a clear decline in the average annual growth according to the Index of Industrial Production (IIP)?
Ans	<input type="checkbox"/> A. Mining and Quarrying <input type="checkbox"/> B. Electricity and Utilities <input checked="" type="checkbox"/> C. Basic and Capital Goods <input type="checkbox"/> D. Manufacturing and Engineering

Q.6	What is the mean of the following distribution?												
	<table border="1"> <tr> <td>Marks</td> <td>11</td> <td>34</td> <td>51</td> <td>62</td> <td>98</td> </tr> <tr> <td>No. of Students</td> <td>57</td> <td>23</td> <td>95</td> <td>14</td> <td>96</td> </tr> </table>	Marks	11	34	51	62	98	No. of Students	57	23	95	14	96
Marks	11	34	51	62	98								
No. of Students	57	23	95	14	96								
Ans	<input type="checkbox"/> A. 64 <input type="checkbox"/> B. 79 <input checked="" type="checkbox"/> C. 58 <input type="checkbox"/> D. 44												

Q.7	In December 2025, which organization hosted the national stakeholder consultation on the High Seas Treaty (BBNJ) in Kochi, India?
Ans	<input checked="" type="checkbox"/> A. Central Marine Fisheries Research Institute <input type="checkbox"/> B. Ministry of Environment, Forest and Climate Change <input type="checkbox"/> C. Food and Agriculture Organization <input type="checkbox"/> D. Indian Council of Agricultural Research

Q.8	According to the NIRF Rankings 2025 released in September 2025, which institute secured the top overall position?
Ans	<input type="checkbox"/> A. AIIMS Delhi <input type="checkbox"/> B. IISc Bengaluru <input checked="" type="checkbox"/> C. IIT Madras <input type="checkbox"/> D. IIT Bombay

Q.9	If the standard deviation of 11, 13, 15, 17,....., 71 is m, then find the integral part of m.
Ans	<input type="checkbox"/> A. 16 <input type="checkbox"/> B. 13 <input checked="" type="checkbox"/> C. 17 <input type="checkbox"/> D. 18

Q.10	A train of length 120 m travelling at 60 km/hr crosses another train travelling in the same direction at 24 km/hr in 30 seconds. What is the length (in m) of another train?
Ans	<input type="checkbox"/> A. 250 <input type="checkbox"/> B. 200 <input type="checkbox"/> C. 225 <input checked="" type="checkbox"/> D. 180

Q.11	Arvind starts from Point A and drives 25 km towards east. He then takes a right turn, drives 10 km, turns left and drives 20 km. He then takes a left turn and drives 10 km. He takes a final left turn, drives 12 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only, unless specified.)
Ans	<input type="checkbox"/> A. 20 km towards north <input checked="" type="checkbox"/> B. 33 km towards west <input type="checkbox"/> C. 25 km towards east <input type="checkbox"/> D. 10 km towards south

Q.12	A, B, C, D, E and F 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. B lives on a floor which is a prime number. The product of the floors on which B and F live is 3. Only 2 people live above C. A lives immediately below E. How many people live above A?
Ans	<p><input type="checkbox"/> A. Three</p> <p><input type="checkbox"/> B. Two</p> <p><input checked="" type="checkbox"/> C. One</p> <p><input type="checkbox"/> D. Four</p>
Q.13	Harishika bought an article for ₹200 and sold it to Ritu at a loss of 30%. With this amount, Harishika bought another article and sold it at a gain of 75%. What is Harishika's overall gain percentage?
Ans	<p><input type="checkbox"/> A. 17.5%</p> <p><input type="checkbox"/> B. 19.4%</p> <p><input checked="" type="checkbox"/> C. 22.5%</p> <p><input type="checkbox"/> D. 24.5%</p>
Q.14	Which award did Pandit Hariprasad Chaurasia receive in 1992 for his contribution to Indian music?
Ans	<p><input type="checkbox"/> A. Maharashtra Gaurav Puraskar</p> <p><input checked="" type="checkbox"/> B. Padma Bhushan</p> <p><input type="checkbox"/> C. Padma Shri</p> <p><input type="checkbox"/> D. Padma Vibhushan</p>
Q.15	Which of the following statements about ASCII is correct?
Ans	<p><input type="checkbox"/> A. ASCII is a high-capacity optical disk format</p> <p><input type="checkbox"/> B. ASCII is a type of local area network</p> <p><input checked="" type="checkbox"/> C. ASCII represents characters using numeric codes</p> <p><input type="checkbox"/> D. ASCII is used to store audio on a CD</p>
Q.16	_____ is the SI unit used for measuring thermodynamic temperature.
Ans	<p><input checked="" type="checkbox"/> A. Kelvin</p> <p><input type="checkbox"/> B. Celsius</p> <p><input type="checkbox"/> C. Fahrenheit</p> <p><input type="checkbox"/> D. Rankine</p>
Q.17	The population of a village was 2,90,000. It increased by 10% in the first year and increased by 30% in the second year. Its population after two years is _____.
Ans	<p><input type="checkbox"/> A. 3,19,000</p> <p><input type="checkbox"/> B. 3,77,000</p> <p><input checked="" type="checkbox"/> C. 4,14,700</p> <p><input type="checkbox"/> D. 4,06,000</p>
Q.18	Bhimbetka Paleolithic site is located near which river valley of India?
Ans	<p><input type="checkbox"/> A. Yamuna</p> <p><input checked="" type="checkbox"/> B. Narmada</p> <p><input type="checkbox"/> C. Ganga</p> <p><input type="checkbox"/> D. Satluj</p>

<p>Q.19</p>	<p>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 conclusion(s) logically follow(s) from the statements.</p> <p>Statements: All herbs are plant. Some plants are medicines. No medicine is a chemical.</p> <p>Conclusions: (I) No herb is a chemical. (II) Some medicines are herbs.</p>	
<p>Ans</p>	<p><input checked="" type="checkbox"/> A. Neither conclusion (I) nor (II) follows.</p> <p><input type="checkbox"/> B. Both conclusions (I) and (II) follow.</p> <p><input type="checkbox"/> C. Only conclusion (II) follows.</p> <p><input type="checkbox"/> D. Only conclusion (I) follows.</p>	
<p>Q.20</p>	<p>Article 243V of the Indian Constitution applies to disqualification for membership in which type of body?</p>	
<p>Ans</p>	<p><input type="checkbox"/> A. Panchayats</p> <p><input type="checkbox"/> B. District Council</p> <p><input type="checkbox"/> C. State Legislature</p> <p><input checked="" type="checkbox"/> D. Municipality</p>	
<p>Q.21</p>	<p>Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only.</p> <p>(Left) A # G % C = + F * / D H : B - ? \$ E ! I J (Right)</p> <p>How many such symbols are there, each of which is immediately preceded by a symbol and also immediately followed by another letter?</p>	
<p>Ans</p>	<p><input type="checkbox"/> A. FOUR</p> <p><input checked="" type="checkbox"/> B. THREE</p> <p><input type="checkbox"/> C. TWO</p> <p><input type="checkbox"/> D. ONE</p>	
<p>Q.22</p>	<p>In December 2025, which advanced brain stent was successfully trialed by AIIMS Delhi under the GRASSROOT trial?</p>	
<p>Ans</p>	<p><input type="checkbox"/> A. Vikram-I</p> <p><input checked="" type="checkbox"/> B. Supernova stent</p> <p><input type="checkbox"/> C. OncoMark</p> <p><input type="checkbox"/> D. da Vinci</p>	
<p>Q.23</p>	<p>The average of 7 numbers is 47. If each number is decreased by 7, what will the new average be?</p>	
<p>Ans</p>	<p><input type="checkbox"/> A. 33</p> <p><input checked="" type="checkbox"/> B. 40</p> <p><input type="checkbox"/> C. 7</p> <p><input type="checkbox"/> D. 47</p>	
<p>Q.24</p>	<p>Which Buddhist text, compiled around the 1st century CE, narrates stories of the Buddha's past lives?</p>	
<p>Ans</p>	<p><input type="checkbox"/> A. Vinaya Pitaka</p> <p><input type="checkbox"/> B. Sutta Pitaka</p> <p><input checked="" type="checkbox"/> C. Jataka Tales</p> <p><input type="checkbox"/> D. Dhammapada</p>	

Q.25	In a certain code language, 'HOUR' is coded as '3867' and 'HURT' is coded as '5836'. What is the code for 'T' in the given code language?
Ans	<input checked="" type="checkbox"/> A. 6 <input checked="" type="checkbox"/> B. 8 <input checked="" type="checkbox"/> C. 3 <input checked="" type="checkbox"/> D. 5

Q.26	Evaluate: $16 + 18 \div 6 - 3 \times 4$
Ans	<input checked="" type="checkbox"/> A. 6 <input checked="" type="checkbox"/> B. 9 <input checked="" type="checkbox"/> C. 10 <input checked="" type="checkbox"/> D. 7

Q.27	Find the value of $\frac{2 \tan 30^\circ}{1 + \tan^2 30^\circ}$.
Ans	<input checked="" type="checkbox"/> A. $\cos 45^\circ$ <input checked="" type="checkbox"/> B. $\cos 30^\circ$ <input checked="" type="checkbox"/> C. $\cos 60^\circ$ <input checked="" type="checkbox"/> D. $\cos 90^\circ$

Q.28	Find the value of m, satisfying equation: $\left(\frac{12}{9}\right)^{19} \times \left(\frac{9}{12}\right)^5 \times \left(\frac{12}{9}\right)^8 = \left(\frac{9}{12}\right)^{6m+11}$
Ans	<input checked="" type="checkbox"/> A. $-\frac{35}{6}$ <input checked="" type="checkbox"/> B. $-\frac{33}{6}$ <input checked="" type="checkbox"/> C. $-\frac{37}{6}$ <input checked="" type="checkbox"/> D. $-\frac{34}{6}$

Q.29	In a certain code language, 'RUST' is coded as '3519' and 'TEAM' is coded as '8645'. What is the code for 'T' in that language?
Ans	<input checked="" type="checkbox"/> A. 8 <input checked="" type="checkbox"/> B. 4 <input checked="" type="checkbox"/> C. 5 <input checked="" type="checkbox"/> D. 9

Q.30	There are 42 members in group A, 31 members in group B and 32 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 ₹335, ₹103 and ₹271, respectively. The overall average amount (in ₹) spent per member is:
Ans	<input checked="" type="checkbox"/> A. 248 <input checked="" type="checkbox"/> B. 247 <input checked="" type="checkbox"/> C. 242 <input checked="" type="checkbox"/> D. 249

Q.31	<p>Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?</p> <p># : OYG :: TDL : %</p>
Ans	<p><input type="checkbox"/> A. # = GQY % = BLI</p> <p><input checked="" type="checkbox"/> B. # = GQY % = BLT</p> <p><input type="checkbox"/> C. # = GOY % = BLT</p> <p><input type="checkbox"/> D. # = GQY % = OLT</p>
Q.32	<p>In 2025, which state government announced the creation of a new eco-sensitive zone around the Bannerghatta National Park?</p>
Ans	<p><input type="checkbox"/> A. Gujarat</p> <p><input checked="" type="checkbox"/> B. Karnataka</p> <p><input type="checkbox"/> C. Kerala</p> <p><input type="checkbox"/> D. Madhya Pradesh</p>
Q.33	<p>The areas of similar triangles ΔABC and ΔPQR are 432 cm^2 and 588 cm^2, respectively. If the longest side PR of ΔPQR is 56 cm, then find the longest side AC of ΔABC.</p>
Ans	<p><input checked="" type="checkbox"/> A. 48 cm</p> <p><input type="checkbox"/> B. 24 cm</p> <p><input type="checkbox"/> C. 52 cm</p> <p><input type="checkbox"/> D. 35 cm</p>
Q.34	<p>Find the sum of all the interior angles of a regular polygon of 6 sides.</p>
Ans	<p><input type="checkbox"/> A. 760°</p> <p><input checked="" type="checkbox"/> B. 720°</p> <p><input type="checkbox"/> C. 600°</p> <p><input type="checkbox"/> D. 680°</p>
Q.35	<p>Each of X, Y, Z, A, B, C and D has an interview on a different day of the week starting on Monday and ending on Sunday of the same week. C has an interview on the last day of the week. Y has an interview on the first day of the week. Only three people have an interview between Y and D. Only one person has an interview between D and Z. X has an interview on one of the days after B but on one of the days before A. Who has an interview on Thursday?</p>
Ans	<p><input type="checkbox"/> A. A</p> <p><input type="checkbox"/> B. D</p> <p><input checked="" type="checkbox"/> C. X</p> <p><input type="checkbox"/> D. B</p>
Q.36	<p>Each of the digits in the number 54672139 is arranged in ascending order from left to right. What will be the sum of the digits which are third from the left and second from the right in the number thus formed?</p>
Ans	<p><input type="checkbox"/> A. 9</p> <p><input checked="" type="checkbox"/> B. 10</p> <p><input type="checkbox"/> C. 11</p> <p><input type="checkbox"/> D. 12</p>

Q.37	<p>Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?</p> <p>WTW 84 XUX 93 YVY 102 ZWZ 111 ?</p>
Ans	<p><input checked="" type="checkbox"/> A. AXA 120</p>
	<p><input type="checkbox"/> B. AJT 119</p>
	<p><input type="checkbox"/> C. AYZ 120</p>
	<p><input type="checkbox"/> D. AWZ 119</p>
Q.38	<p>A shopkeeper fixes the marked price of an item at 150% above its cost price. What percentage of discount on the marked price should be allowed to gain 20%?</p>
Ans	<p><input type="checkbox"/> A. 54%</p>
	<p><input checked="" type="checkbox"/> B. 52%</p>
	<p><input type="checkbox"/> C. 49%</p>
	<p><input type="checkbox"/> D. 55%</p>
Q.39	<p>Which Mughal court historian authored the Akbarnāma, the official chronicle of Emperor Akbar's reign?</p>
Ans	<p><input type="checkbox"/> A. Ferishta</p>
	<p><input type="checkbox"/> B. Ziauddin Barani</p>
	<p><input checked="" type="checkbox"/> C. Abul Fazl</p>
	<p><input type="checkbox"/> D. Minhaj-i-Siraj</p>
Q.40	<p>Which classification best describes a compiler based on its role in program translation?</p>
Ans	<p><input type="checkbox"/> A. Application software because it edits documents</p>
	<p><input type="checkbox"/> B. Application software because users launch it manually</p>
	<p><input type="checkbox"/> C. It is a hardware abstraction layer</p>
	<p><input checked="" type="checkbox"/> D. System software because it converts code for OS execution</p>
Q.41	<p>Based on the English alphabetical order, three of the following four letter cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group? (Note: The odd man out is not based on the number of consonants/vowels or their position in the letter cluster)</p>
Ans	<p><input type="checkbox"/> A. MN-PQ</p>
	<p><input checked="" type="checkbox"/> B. DE-FG</p>
	<p><input type="checkbox"/> C. ST-VW</p>
	<p><input type="checkbox"/> D. GH-JK</p>
Q.42	<p>Select the set in which the numbers are related in the same way as are the numbers of the given sets. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)</p> <p>(16, 6, 111) (9, 14, 141)</p>
Ans	<p><input type="checkbox"/> A. (17, 8, 146)</p>
	<p><input checked="" type="checkbox"/> B. (13, 10, 145)</p>
	<p><input type="checkbox"/> C. (15, 12, 200)</p>
	<p><input type="checkbox"/> D. (12, 8, 96)</p>

Q.43	<p>A cylindrical rod has an outer curved surface area of 1300 cm^2. If the length of the rod is 60 cm, then the outer radius (in cm) of the rod, correct to two places of decimal, is:</p> <p>Take $\pi = \frac{22}{7}$</p>	
Ans	<p><input checked="" type="checkbox"/> A. 3.45</p>	
	<p><input type="checkbox"/> B. 1.88</p>	
	<p><input type="checkbox"/> C. 1.02</p>	
	<p><input type="checkbox"/> D. 3.48</p>	
Q.44	<p>Simplify</p> <p>$25 - 5.6 \div 7 + 1.6 \times 0.5$</p>	
Ans	<p><input type="checkbox"/> A. 5.6</p>	
	<p><input type="checkbox"/> B. 23.4</p>	
	<p><input type="checkbox"/> C. 0</p>	
	<p><input checked="" type="checkbox"/> D. 25</p>	
Q.45	<p>The 47th ASEAN Summit in October 2025 primarily focused on which of the following issues?</p>	
Ans	<p><input type="checkbox"/> A. Food safety</p>	
	<p><input checked="" type="checkbox"/> B. Inclusivity & Sustainability</p>	
	<p><input type="checkbox"/> C. Digital transformation</p>	
	<p><input type="checkbox"/> D. Trade tariffs</p>	
Q.46	<p>In a certain code language, $A + B$ means 'A is the daughter of B' $A - B$ means 'A is the brother of B' $A \times B$ means 'A is the wife of B' $A \div B$ means 'A is the father of B'</p> <p>Based on the above, how is D related to J if '$D + F \div G \times H - J$'?</p>	
Ans	<p><input type="checkbox"/> A. Brother's wife's mother</p>	
	<p><input type="checkbox"/> B. Wife's sister</p>	
	<p><input type="checkbox"/> C. Wife's mother</p>	
	<p><input checked="" type="checkbox"/> D. Brother's wife's sister</p>	
Q.47	<p>Which of the following reports of the Brundtland Commission (1987) defined the concept of sustainable development?</p>	
Ans	<p><input type="checkbox"/> A. Silent Spring</p>	
	<p><input checked="" type="checkbox"/> B. Our Common Future</p>	
	<p><input type="checkbox"/> C. Agenda 21</p>	
	<p><input type="checkbox"/> D. Limits to Growth</p>	
Q.48	<p>Many plants secrete a sticky milky fluid and use it for their defence mechanism. This fluid is known as _____.</p>	
Ans	<p><input type="checkbox"/> A. cell sap</p>	
	<p><input type="checkbox"/> B. enzyme</p>	
	<p><input checked="" type="checkbox"/> C. latex</p>	
	<p><input type="checkbox"/> D. plant hormone</p>	

Q.49	Which of the following cities did Vasco da Gama first reach in India after discovering the all-sea route from Europe?
Ans	<input checked="" type="checkbox"/> A. Calicut <input type="checkbox"/> B. Goa <input type="checkbox"/> C. Diu <input type="checkbox"/> D. Surat
Q.50	What is the primary objective of the UN80 Initiative launched by the UN Secretary-General in 2025?
Ans	<input type="checkbox"/> A. To create a new global currency <input type="checkbox"/> B. To promote global tourism <input checked="" type="checkbox"/> C. To improve efficiency and cost-effectiveness within the UN <input type="checkbox"/> D. To expand military presence in conflict zones
Q.51	What is the primary reason for the intensification of the monsoon trough over North India by the end of May?
Ans	<input type="checkbox"/> A. Shift in wind patterns <input type="checkbox"/> B. Increase in atmospheric pressure <input checked="" type="checkbox"/> C. High temperature in the region <input type="checkbox"/> D. Decrease in humidity
Q.52	What did the term 'gopati' refer to in Early Vedic society?
Ans	<input type="checkbox"/> A. Priest who conducts rituals <input type="checkbox"/> B. Head of the family <input type="checkbox"/> C. Warrior who leads battles <input checked="" type="checkbox"/> D. Chief who protects cows
Q.53	A shopkeeper purchased 60 dozens of articles at the rate of ₹474 per dozen. He sold each one of them at the rate of ₹79. What percentage profit did he make?
Ans	<input type="checkbox"/> A. 99% <input checked="" type="checkbox"/> B. 100% <input type="checkbox"/> C. 102% <input type="checkbox"/> D. 101%
Q.54	A book published in 2025, authored by Narendra Modi and titled 'The Emergency Diaries – Years That Forged a Leader', is thematically associated with which of the following periods in Indian political history?
Ans	<input type="checkbox"/> A. 1969–1971 <input checked="" type="checkbox"/> B. 1975–1977 <input type="checkbox"/> C. 1962–1965 <input type="checkbox"/> D. 1989–1991
Q.55	Kiran's salary is ₹18000 per month. He spends ₹5000 on house rent, ₹3000 on bills and the rest of the amount is his monthly savings. Find his savings (in ₹) in a year, if in the month of his birthday, he spent his complete monthly saving for birthday celebration.
Ans	<input type="checkbox"/> A. 100000 <input checked="" type="checkbox"/> B. 110000 <input type="checkbox"/> C. 90000 <input type="checkbox"/> D. 120000

Q.56	KD 15 is related to PI 12 in a certain way. In the same way, NG 20 is related to SL 17. To which of the following is QJ 26 related, following the same logic?
Ans	<input type="checkbox"/> A. VM 23 <input type="checkbox"/> B. VN 24 <input type="checkbox"/> C. UO 24 <input checked="" type="checkbox"/> D. VO 23
Q.57	According to L. M. Singhvi, what are the Directive Principles of State Policy considered as?
Ans	<input type="checkbox"/> A. Moral Rights <input type="checkbox"/> B. Fundamental Rights <input checked="" type="checkbox"/> C. Life-giving provisions of the Constitution <input type="checkbox"/> D. Legal Rights
Q.58	Which Article of the Indian Constitution empowers the Supreme Court to review any judgment pronounced or order made by it?
Ans	<input checked="" type="checkbox"/> A. Article 137 <input type="checkbox"/> B. Article 145 <input type="checkbox"/> C. Article 136 <input type="checkbox"/> D. Article 141
Q.59	The phenomenon called _____ occurs when light passes from one transparent medium to another.
Ans	<input checked="" type="checkbox"/> A. refraction <input type="checkbox"/> B. scattering <input type="checkbox"/> C. diffraction <input type="checkbox"/> D. reflection
Q.60	The 97th Constitutional Amendment provided constitutional status to which of the following?
Ans	<input type="checkbox"/> A. Market Regulatory Boards <input type="checkbox"/> B. District Planning Committees <input type="checkbox"/> C. Metropolitan Councils <input checked="" type="checkbox"/> D. Cooperative Societies
Q.61	COLD is related to GQHB in a certain way based on the English alphabetical order. In the same way, KSDZ is related to OUZX. To which of the following is SWVV related, following the same logic?
Ans	<input type="checkbox"/> A. XZSU <input type="checkbox"/> B. UYSS <input type="checkbox"/> C. VXQS <input checked="" type="checkbox"/> D. WYRT
Q.62	The least common multiple of two numbers is 21 times the first number, and the highest common factor of the two numbers is a two-digit prime number. What is the least possible value of the second number?
Ans	<input type="checkbox"/> A. 357 <input type="checkbox"/> B. 273 <input checked="" type="checkbox"/> C. 231 <input type="checkbox"/> D. 147

Q.63	<p>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.</p> <p>Statements: All cats are dogs. Some cats are tigers. No tiger is a lion.</p> <p>Conclusions: (I) Some dogs are tigers. (II) No cat is a lion.</p>	
Ans	<p><input checked="" type="checkbox"/> A. Both conclusions (I) and (II) follow</p>	
	<p><input checked="" type="checkbox"/> B. Only conclusion (II) follows</p>	
	<p><input checked="" type="checkbox"/> C. Only conclusion (I) follows</p>	
	<p><input checked="" type="checkbox"/> D. Neither conclusion (I) nor (II) follows</p>	
Q.64	<p>What should come in place of '?' in the given series? 15 19 27 39 55 ?</p>	
Ans	<p><input checked="" type="checkbox"/> A. 75</p>	
	<p><input checked="" type="checkbox"/> B. 76</p>	
	<p><input checked="" type="checkbox"/> C. 72</p>	
	<p><input checked="" type="checkbox"/> D. 74</p>	
Q.65	<p>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.) (79, 235, 32) (87, 225, 42)</p>	
Ans	<p><input checked="" type="checkbox"/> A. (77, 235,32)</p>	
	<p><input checked="" type="checkbox"/> B. (88, 280, 34)</p>	
	<p><input checked="" type="checkbox"/> C. (83, 290, 45)</p>	
	<p><input checked="" type="checkbox"/> D. (93, 185, 56)</p>	
Q.66	<p>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' A # B means 'A is the daughter of B' Based on the above, how is L related to E if 'L # N – C # V x E'?</p>	
Ans	<p><input checked="" type="checkbox"/> A. Son's daughter</p>	
	<p><input checked="" type="checkbox"/> B. Daughter's son</p>	
	<p><input checked="" type="checkbox"/> C. Brother's daughter</p>	
	<p><input checked="" type="checkbox"/> D. Father's mother</p>	
Q.67	<p>S, T, U, V, E, F and G are sitting around a circular table facing the centre. Only two people sit between E and F when counted from the right of E. Only two people sit between F and T. Only three people sit between E and U. S sits to the immediate left of V. Who sits third to the left of G?</p>	
Ans	<p><input checked="" type="checkbox"/> A. F</p>	
	<p><input checked="" type="checkbox"/> B. S</p>	
	<p><input checked="" type="checkbox"/> C. V</p>	
	<p><input checked="" type="checkbox"/> D. U</p>	

Q.68	What should come in place of '?' in the given series? 33 40 54 75 103 ?
Ans	<input type="checkbox"/> A. 134 <input type="checkbox"/> B. 136 <input type="checkbox"/> C. 135 <input checked="" type="checkbox"/> D. 138
Q.69	The product of two consecutive natural numbers is 380. The greater of the two numbers is:
Ans	<input checked="" type="checkbox"/> A. 20 <input type="checkbox"/> B. 24 <input type="checkbox"/> C. 12 <input type="checkbox"/> D. 14
Q.70	If $a = \frac{3 + \sqrt{5}}{3 - \sqrt{5}}$ and $b = \frac{3 - \sqrt{5}}{3 + \sqrt{5}}$, find the value of $a^2 + b^2 + 3ab$.
Ans	<input type="checkbox"/> A. 42 <input checked="" type="checkbox"/> B. 50 <input type="checkbox"/> C. 98 <input type="checkbox"/> D. 78
Q.71	If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', then what will come in place of the question mark (?) in the following equation? $10 C 20 A 2 D 3 B 5 = ?$
Ans	<input type="checkbox"/> A. 4 <input type="checkbox"/> B. 3 <input checked="" type="checkbox"/> C. 5 <input type="checkbox"/> D. 6
Q.72	Which two forms of energy together make up the total mechanical energy of an object?
Ans	<input checked="" type="checkbox"/> A. Potential and kinetic energy <input type="checkbox"/> B. Electrical and chemical energy <input type="checkbox"/> C. Heat and sound energy <input type="checkbox"/> D. Light and heat energy
Q.73	Which of the following operations specifically relies on system software instead of application software to function properly?
Ans	<input type="checkbox"/> A. Designing a presentation file <input checked="" type="checkbox"/> B. Allocating memory to programs <input type="checkbox"/> C. Modifying a digital photo file <input type="checkbox"/> D. Playing an audio or video file on System
Q.74	Arun has ₹1407 with him. He divides this amount between his two sons, Mahesh and Vijay, and asks them to invest their respective shares at a compound interest rate of 10% per annum, compounded annually. It is observed that Mahesh's investment amounts to the same value after 12 years as Vijay's investment does after 13 years. How much (in ₹) did Arun give to Vijay?
Ans	<input type="checkbox"/> A. 737 <input type="checkbox"/> B. 837 <input checked="" type="checkbox"/> C. 670 <input type="checkbox"/> D. 520

Q.75	If 2 is subtracted from each of the numerator and the denominator of a fraction $\frac{a}{b}$, it becomes $\frac{1}{4}$. If 17 is added to the numerator and 8 is added to the denominator of the original fraction, then the fraction becomes $\frac{7}{7}$. What is the value of $(4a - b)$?
Ans	<input checked="" type="checkbox"/> A. 3 <input checked="" type="checkbox"/> B. 4 <input checked="" type="checkbox"/> C. 6 <input checked="" type="checkbox"/> D. 7

Q.76	Find the mean proportional between 7.2 and 20.
Ans	<input checked="" type="checkbox"/> A. 10 <input checked="" type="checkbox"/> B. 11 <input checked="" type="checkbox"/> C. 8 <input checked="" type="checkbox"/> D. 12

Q.77	A car covers one-fifth of the distance from A to B at the speed of 8 km/h, one-tenth of the distance at 25 km/h and the remaining at the speed of 20 km/h. Find the average speed of the whole journey.
Ans	<input checked="" type="checkbox"/> A. 14.225 km/h <input checked="" type="checkbox"/> B. 12.625 km/h <input checked="" type="checkbox"/> C. 15.625 km/h <input checked="" type="checkbox"/> D. 17.225 km/h

Q.78	In what duration (in years) will ₹8,400 fetch a simple interest of ₹840 at 5% per annum rate of interest?
Ans	<input checked="" type="checkbox"/> A. 2 <input checked="" type="checkbox"/> B. 1 <input checked="" type="checkbox"/> C. 3 <input checked="" type="checkbox"/> D. 4

Q.79	In which of the following years was the School of Minerals, Metallurgical and Materials Engineering (SMMME) established at Bhubaneswar?
Ans	<input checked="" type="checkbox"/> A. 1984 <input checked="" type="checkbox"/> B. 2012 <input checked="" type="checkbox"/> C. 2002 <input checked="" type="checkbox"/> D. 1995

Q.80	At approximately what depth inside the Earth is the boundary between the mantle and the core located?
Ans	<input checked="" type="checkbox"/> A. 2,900 km <input checked="" type="checkbox"/> B. 3,900 km <input checked="" type="checkbox"/> C. 4,900 km <input checked="" type="checkbox"/> D. 1,900 km

Q.81	In the Windows Operating System, if a file named config.ini is located in the root directory of the main drive, what is the correct and complete absolute path to reference this file?
Ans	<input checked="" type="checkbox"/> A. C:\Users\config.ini <input checked="" type="checkbox"/> B. config.ini <input checked="" type="checkbox"/> C. \config.ini <input checked="" type="checkbox"/> D. C:\config.ini

Q.82	During the 1990–91 balance of payments crisis, India's foreign exchange reserves were sufficient to finance imports for only:
Ans	<input checked="" type="checkbox"/> A. two weeks <input type="checkbox"/> B. one week <input type="checkbox"/> C. three months <input type="checkbox"/> D. one month
Q.83	Water flows out through a circular pipe, whose internal diameter is 2 cm, at the rate of 4 metres per second into a cylindrical tank, the radius of whose base is 80 cm. By how much will the level of water rise in 24 minutes?
Ans	<input type="checkbox"/> A. 100 cm <input checked="" type="checkbox"/> B. 90 cm <input type="checkbox"/> C. 96 cm <input type="checkbox"/> D. 91 cm
Q.84	In which year did Mahatma Gandhi break the Salt Act at Dandi?
Ans	<input type="checkbox"/> A. 1928 <input type="checkbox"/> B. 1931 <input checked="" type="checkbox"/> C. 1930 <input type="checkbox"/> D. 1929
Q.85	What is the total number of languages listed under the 8th Schedule of the Constitution of India, as on 30 June 2024?
Ans	<input type="checkbox"/> A. 20 <input checked="" type="checkbox"/> B. 22 <input type="checkbox"/> C. 26 <input type="checkbox"/> D. 16
Q.86	A and B complete a work in 22 days. If A alone can do it in 44 days, then B alone can do three-fourth of the same work in _____ days.
Ans	<input type="checkbox"/> A. 66 <input type="checkbox"/> B. 132 <input type="checkbox"/> C. 99 <input checked="" type="checkbox"/> D. 33
Q.87	Which of the following is an example of a minor industrial region of India?
Ans	<input type="checkbox"/> A. Gujarat region <input type="checkbox"/> B. Hugli region <input type="checkbox"/> C. Chota Nagpur region <input checked="" type="checkbox"/> D. Brahmaputra valley
Q.88	Consider the following statements. 1. Article 13 provides for judicial review of both pre-constitutional and post-constitutional laws. 2. Article 13 declares that all laws inconsistent with or in derogation of the Fundamental Rights shall be null and void. Which of the above statements is/are correct?
Ans	<input type="checkbox"/> A. Neither 1 nor 2 <input checked="" type="checkbox"/> B. Both 1 and 2 <input type="checkbox"/> C. 2 only <input type="checkbox"/> D. 1 only

Q.89	Tea cultivation in India is mainly concentrated in which of the following regions?
Ans	<input checked="" type="checkbox"/> A. North-Eastern Hills <input type="checkbox"/> B. Aravali Hills <input type="checkbox"/> C. Central Plateau <input type="checkbox"/> D. Thar Desert
Q.90	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. Five people – Pallavi, Shreya, Monika, Ritu, and Alka – are sitting in a straight line facing north. Who is sitting at the extreme left end? (I) Shreya sits immediately to the right of Pallavi. (II) Monika sits immediately to the right of Shreya, and Ritu is not at any end.
Ans	<input type="checkbox"/> A. Data in Statement I alone is sufficient to answer the question while data in Statement II is not <input checked="" type="checkbox"/> B. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question <input type="checkbox"/> C. Data in Statement II alone is sufficient to answer the question while data in Statement I is not <input type="checkbox"/> D. Both statements I and II together are NOT sufficient to answer the question
Q.91	A, B, C, D, E and F 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 four people live below C. Only three people live above F. A lives immediately below E. D does not live above B. How many people live below E?
Ans	<input type="checkbox"/> A. Two <input type="checkbox"/> B. Three <input checked="" type="checkbox"/> C. One <input type="checkbox"/> D. Four
Q.92	In November 2025, Oman enhanced its global environmental leadership by joining which international council?
Ans	<input type="checkbox"/> A. UNEP Governing Council <input type="checkbox"/> B. UNESCO World Heritage Committee <input type="checkbox"/> C. IUCN Council <input checked="" type="checkbox"/> D. UNESCO Man and the Biosphere Council
Q.93	In the decision-making process of the GST Council, how is the voting power distributed between the Central Government and the State Governments?
Ans	<input type="checkbox"/> A. Centre = 2/3, States = 1/3 <input type="checkbox"/> B. Centre = 1/2, States = 1/2 <input checked="" type="checkbox"/> C. Centre = 1/3, States = 2/3 <input type="checkbox"/> D. States alone = 1 , Centre = 0
Q.94	Based on the English alphabetical order, three of the following four letter cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter cluster)
Ans	<input type="checkbox"/> A. AE-DH <input checked="" type="checkbox"/> B. NR-OU <input type="checkbox"/> C. FJ-IM <input type="checkbox"/> D. CG-FJ

Q.95	<p>Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only</p> <p>(Left) @ L € F J £ E # N K # * R P * D # X T * G N (Right)</p> <p>How many such letters are there each of which is immediately preceded by a letter and also immediately followed by a symbol?</p>	
Ans	<p><input type="checkbox"/> A. 6</p>	
	<p><input type="checkbox"/> B. 3</p>	
	<p><input type="checkbox"/> C. 5</p>	
	<p><input checked="" type="checkbox"/> D. 4</p>	

Q.96	<p>Which of the following letter-number clusters will replace the question mark “?” in the given series to make it logically complete? ERW 7, CPU 15, ANS 23, YLQ 31, ?</p>	
Ans	<p><input type="checkbox"/> A. WIM 38</p>	
	<p><input type="checkbox"/> B. VIN 39</p>	
	<p><input checked="" type="checkbox"/> C. WJO 39</p>	
	<p><input type="checkbox"/> D. XJN 40</p>	

Q.97	<p>Find the solution of the following system of linear equations:</p> $2x + y + z = 25$ $x - 3y + 2z = 0$ $y - z = 6$	
Ans	<p><input type="checkbox"/> A. $x = \frac{55}{4}, y = \frac{-17}{4}, z = \frac{7}{4}$</p>	
	<p><input type="checkbox"/> B. $x = \frac{-17}{4}, y = \frac{55}{4}, z = \frac{7}{4}$</p>	
	<p><input type="checkbox"/> C. $x = \frac{7}{4}, y = \frac{55}{4}, z = \frac{-17}{4}$</p>	
	<p><input checked="" type="checkbox"/> D. $x = \frac{55}{4}, y = \frac{7}{4}, z = \frac{-17}{4}$</p>	

Q.98	<p>What number will be in the place of x? 2.8 : 3.8 :: x : 5.7</p>	
Ans	<p><input type="checkbox"/> A. 4.8</p>	
	<p><input type="checkbox"/> B. 3.6</p>	
	<p><input type="checkbox"/> C. 5.1</p>	
	<p><input checked="" type="checkbox"/> D. 4.2</p>	

Q.99	<p>A typist takes 40 minutes to type 10 pages. How many pages will he type in 88 minutes?</p>	
Ans	<p><input type="checkbox"/> A. 23</p>	
	<p><input checked="" type="checkbox"/> B. 22</p>	
	<p><input type="checkbox"/> C. 21</p>	
	<p><input type="checkbox"/> D. 24</p>	

Q.100 Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only

(Left) £ D € U B & @ % © K C # T \$ @ A # E D % * C (Right)

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

Ans A. 5

B. 4

C. 3

D. 2

