



# 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	19/03/2026
Test Time	4:30 PM - 6:00 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 Seven people F, G, H, I, V, W, and X are sitting around a circular table facing the centre of the table. H sits third to the left of F. I sits second to the left of V. Only F sits between G and I. W is not an immediate neighbour of H. How many people sit between X and I when counted from the right of X?

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

Correct Answer: A

Q.2 The population of a village was 2,90,000. It increased by 5% in the first year and increased by 30% in the second year. Its population after two years is \_\_\_\_\_.

Ans A) 3,95,850                      B) 3,91,500                      C) 3,04,500                      D) 3,77,000

Correct Answer: A

Q.3 In a certain code language, 'GLOW' is coded as '4628' and 'WEAR' is coded as '3574'. What is the code for 'W' in that language?

Ans A) 3                      B) 7                      C) 4                      D) 8

Correct Answer: C

Q.4 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?  
HGH 85 FEF 74 DCD 63 BAB 52 ?

Ans A) ZXY 40                      B) ZYZ 41                      C) ZZY 41                      D) ZHQ 40

Correct Answer: B

Q.5 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 :: ?

# : RWU :: KPN : %

Ans A) # = TXY , % = JLM                      B) # = TYX , % = KLI                      C) # = SXV , % = JOM                      D) # = SYW , % = KFI

Correct Answer: C

Q.6 When a spring is compressed from its equilibrium position, its potential energy will \_\_\_\_\_.

Ans A) remain unchanged                      B) first decrease then increase                      C) increase                      D) decrease

Correct Answer: C

Q.7 Items such as the operating system and device drivers fall under which category of software?

Ans A) System software                      B) Utility software only                      C) Entertainment software                      D) Temporary programs

Correct Answer: A

Q.8 Which among the following Articles of the Indian Constitution provides Municipalities with financial powers?

Ans A) Article 243P                      B) Article 243ZB                      C) Article 243U                      D) Article 243 X

Correct Answer: D

**Q.9** Which of the following statements is correct about the open system of thermodynamics?

- Ans A) Exchange of energy and matter between system and surroundings.  
B) No exchange of energy, but exchange of matter is possible between system and the surroundings.  
C) No exchange of energy or matter between the system and the surroundings.  
D) No exchange of matter, but exchange of energy is possible between system and the surroundings.

Correct Answer: A

**Q.10** Which constitutional article empowers the Indian Parliament to make laws regarding the acquisition and termination of Indian citizenship after the commencement of the Constitution of India?

- Ans A) Article 6                      B) Article 11                      C) Article 8                      D) Article 5

Correct Answer: B

**Q.11** 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) PWR                      B) MTP                      C) GNJ                      D) JQM

Correct Answer: A

**Q.12** If 'A' stands for '+', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '-', then what will come in place of the question mark (?) in the following equation?

$$22 \ A \ 2 \ B \ 1 \ C \ 3 \ D \ 2 = ?$$

- Ans A) 10                      B) 11                      C) 12                      D) 13

Correct Answer: C

**Q.13** 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.

AOE:BQH  
OST:PUW

- Ans A) DAF:FCH                      B) ADP:BGQ                      C) SHF:TJI                      D) LAJ:MDN

Correct Answer: C

**Q.14** India maintained which position worldwide in net annual forest area gain according to GFRA 2025?

- Ans A) 3rd                      B) 2nd                      C) 5th                      D) 4th

Correct Answer: A

**Q.15** Which of the following is the headquarters of ICAR-Central Institute on Fisheries Education?

- Ans A) Vishakhapatnam                      B) Mumbai                      C) Panaji                      D) Thiruvananthapuram

Correct Answer: B

**Q.16** In a certain code language, 'LITE' is coded as '8196' and 'FELT' is coded as '6481'. What is the code for 'F' in the given code language?

- Ans A) 4                      B) 1                      C) 6                      D) 8

Correct Answer: A

**Q.17** Calculate the mode for the following frequency distribution of marks obtained by students in an exam. (Rounded off to two decimal places)

Marks	0-10	10-20	20-30	30-40	40-50
Number of Students	8	16	36	34	16

- Ans A) 28.45                      B) 30.15                      C) 31.25                      D) 29.09

Correct Answer: D

**Q.18** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

**Statements:**

- All coppers are irons.
- All irons are silvers.
- All silvers are golds.

**Conclusions:**

- (I) Some golds are irons.
- (II) All silvers are coppers.

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

Correct Answer: A

<b>Q.19</b>	Natyanjali Dance Festival is held every year for _____ days in 1000-year-old temple of Chidambaram, (Tamil Nadu).				
<b>Ans A)</b>	8	B) 2	C) 5	D) 10	<b>Correct Answer: C</b>
<b>Q.20</b>	Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. T has the exam on Tuesday. Only two people have exams between R and T. P has the exam immediately after S but not on Sunday. Q has the exam before V but not on Monday. How many people have exams between U and P?				
<b>Ans A)</b>	Four	B) Three	C) Two	D) One	<b>Correct Answer: C</b>
<b>Q.21</b>	In developed countries, which of the following sectors has become the most important in terms of total production?				
<b>Ans A)</b>	Tertiary Activity	B) Primary Activity	C) Quinary Activity	D) Secondary Activity	<b>Correct Answer: A</b>
<b>Q.22</b>	A boat travels 120 km downstream in 6 hours and 120 km upstream in 10 hours. The speed of the current is 4 km/hr. What is the speed of the boat in still water?				
<b>Ans A)</b>	14 km/hr	B) 8 km/hr	C) 16 km/hr	D) 10 km/hr	<b>Correct Answer: C</b>
<b>Q.23</b>	Kinshuk starts from Point D and walks 5 km towards South. She turns left and walks 9 km. She then turns left and walks 5 km. She finally turns right and walks 2 km to reach Point E. How far and in which direction is Point E from Point D? (All turns are 90-degree turns only, unless specified.)				
<b>Ans A)</b>	9 km, East	B) 12 km, West	C) 11 km, East	D) 10 km, East	<b>Correct Answer: C</b>
<b>Q.24</b>	Two parallel lines L1 and L2 are cut by a transversal. If one of the alternate interior angles is $65^\circ$ , what is the measure of the corresponding alternate interior angle?				
<b>Ans A)</b>	$180^\circ$	B) $65^\circ$	C) $110^\circ$	D) $90^\circ$	<b>Correct Answer: B</b>
<b>Q.25</b>	Which provisions were inserted into the Constitution by the 103rd Amendment Act, 2019, to enable reservation for Economically Weaker Sections (EWS)?				
<b>Ans A)</b>	Articles 15(6) and 16(6)	B) Articles 15(2) and 16(2)	C) Articles 15(5) and 16(5)	D) Articles 15(4) and 16(4)	<b>Correct Answer: A</b>
<b>Q.26</b>	Which country hosted the 68 <sup>th</sup> Commonwealth Parliamentary Conference in October 2025?				
<b>Ans A)</b>	Australia	B) Canada	C) Barbados	D) Ghana	<b>Correct Answer: C</b>
<b>Q.27</b>	Two lines AB and CD are parallel. Let PQ be the transversal intersecting AB at M and CD at N. If $\angle MND = 47^\circ$ , find $\angle AMN$ .				
<b>Ans A)</b>	$73^\circ$	B) $133^\circ$	C) $47^\circ$	D) $107^\circ$	<b>Correct Answer: C</b>
<b>Q.28</b>	In which Indian state is the Cold Desert Biosphere Reserve, added to UNESCO's World Network in 2025, located?				
<b>Ans A)</b>	Uttarakhand adjoining the Nanda Devi Biosphere Zone	B) Jammu & Kashmir along the upper Indus valley basin	C) Sikkim near the Kangchenjunga Biosphere landscape	D) Himachal Pradesh in the Western Himalayan region	<b>Correct Answer: D</b>
<b>Q.29</b>	Which of the following letter-number clusters will replace the question mark "?" in the given series to make it logically complete? MRA 17, QVE 20, UZI 23, YDM 26, ?				
<b>Ans A)</b>	CGO 28	B) CHQ 29	C) CIS 29	D) DIR 30	<b>Correct Answer: B</b>
<b>Q.30</b>	What should come in place of '?' in the given series? 65 63 60 55 48 ?				
<b>Ans A)</b>	33	B) 37	C) 39	D) 36	<b>Correct Answer: B</b>



**Q.40** Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(15, 7, 100)  
(25, 8, 195)

Ans A) (23, 6, 133)                      B) (26, 4, 104)                      C) (21, 11, 236)                      D) (18, 10, 185)

Correct Answer: A

**Q.41** Which measurement method includes all those who are found unemployed in the reference year and reflects chronic unemployment?

Ans A) Current Daily Status Unemployment                      B) Current Weekly Status Unemployment                      C) Usual Subsidiary Status Unemployment  
D) Usual Principal Status Unemployment

Correct Answer: D

**Q.42** 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) JM–OR                      B) PS–UX                      C) LO–PV                      D) NQ–SV

Correct Answer: C

**Q.43** What leads to rancidity in food products?

Ans A) Fermentation                      B) Reduction                      C) Evaporation                      D) Oxidation

Correct Answer: D

**Q.44** 'Oriya' was replaced with 'Odia' in the Eighth Schedule by which Constitutional Amendment?

Ans A) 96th Amendment                      B) 94th Amendment                      C) 97th Amendment                      D) 95th Amendment

Correct Answer: A

**Q.45** What is the mode of the data given below? [Give your answer correct to 2 decimal places.]

Age in years	15-25	25-35	35-45	45-55	55-65	65-75	75-85
No. of patients	18	10	15	14	30	40	34

Ans A) 70.25                      B) 72.25                      C) 71.25                      D) 69.25

Correct Answer: C

**Q.46** Who deciphered a Brahmi inscription referring king Ashoka as Devanampiya Piyadasi?

Ans A) R C Majumdar                      B) Romila Thapar                      C) Susan Bayly                      D) James Princep

Correct Answer: D

**Q.47** 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.

**Statements:**

All kites are rabbits. No kite is an eagle. All eagles are pigs.

**Conclusions:**

(I) No pig is a rabbit.  
(II) Some pigs are kites.

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

Correct Answer: A

**Q.48** Which international waterway is most vital for world trade, linking the Mediterranean Sea with the Red Sea?

Ans A) Bosphorus Strait                      B) Strait of Malacca                      C) Suez Canal                      D) Panama Canal

Correct Answer: C

**Q.49** There are ₹5, ₹2, and ₹1 coins amounting to a total of ₹212. The total number of coins is 112. The number of ₹2 coins is 50 more than the number of ₹5 coins. Find the number of ₹1 coins.

Ans A) 42                      B) 50                      C) 10                      D) 25

Correct Answer: A

**Q.50** Two pipes can fill a tank in 4 hours and 24 hours, respectively. A third pipe can empty the tank in 6 hours. If all three pipes are opened together, how long (in hours) will it take to fill half of the empty tank?

Ans A) 2 hours                      B) 6 hours                      C) 3 hours                      D) 4 hours

Correct Answer: D

**Q.51** Find the volume of largest possible sphere that can be inscribed in a cone whose base radius is  $42\sqrt{3}$  cm and slant height equal to the diameter of the base. (Use  $\pi = \frac{22}{7}$ )

Ans A) 314046 cm<sup>3</sup>                      B) 301644 cm<sup>3</sup>                      C) 314064 cm<sup>3</sup>                      D) 310464 cm<sup>3</sup>

Correct Answer: D

**Q.52** What is the average of all the natural numbers from 1 to 60?

Ans A) 31                      B) 31.5                      C) 30                      D) 30.5

Correct Answer: D

**Q.53** 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, certain mathematical operations on the second number result in the third number and so on. Which of the given options follows the same set of operations as in 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.)  
8 – 18 – 36 – 56; 12 – 22 – 44 – 64

Ans A) 15 – 25 – 50 – 80                      B) 20 – 30 – 60 – 80                      C) 10 – 20 – 40 – 80                      D) 17 – 27 – 44 – 54

Correct Answer: B

**Q.54** There are 39 members in group A, 33 members in group B and 52 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 ₹377, ₹401 and ₹233, respectively. The overall average amount (in ₹) spent per member is:

Ans A) 324                      B) 328                      C) 323                      D) 325

Correct Answer: C

**Q.55** Ghana Vadya or idiophone instruments are those non-drum percussion musical instruments that do not require any tuning. \_\_\_\_\_ is an example of a Ghana Vadya.

Ans A) Pungi                      B) Sarangi                      C) Ghatam                      D) Shehnai

Correct Answer: C

**Q.56** 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. Kunal, Mohit, Rohan, Sandeep, and Tarun - each have different age. Who is the oldest?

(I) Mohit is older than Kunal but younger than Sandeep.

(II) Tarun is younger than Sandeep but older than Mohit.

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) 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: B

**Q.57** A, B, C, D, E, F and G are sitting around a circular table facing the centre. Only two people sit between F and B when counted from the right of F. Only two people sit between B and A when counted from the left of A. Only three people sit between F and C when counted from the right of F. E sits to the immediate left of D. How many people sit between A and E when counted from the right of A?

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

Correct Answer: B

**Q.58** If  $(125)^{1.3} \times (25)^{1.8} \div (5)^{2.5} = 5^x$ , then find the value of  $18x - 5$ .

Ans A) 85                      B) 95                      C) 80                      D) 90

Correct Answer: A

**Q.59** What major change happened in India's agriculture and industrial sectors after the economic reforms of 1991?

Ans A) The government increased control over private industries.                      B) Farming became the only source of national income.  
C) More private companies and foreign investments were allowed.                      D) Only agriculture was given importance, not industry.

Correct Answer: C

**Q.60** Who implemented the "Blue Water Policy" in India?

Ans A) Henry the Navigator                      B) Joao de Castro                      C) Albuquerque                      D) Francisco de Almeida

Correct Answer: D

**Q.61** Which of the following online festivals featured documentaries on Indian classical dance exponents in 2020?

Ans A) Natya Utsav                      B) Nritya Mahotsav                      C) Rangmanch                      D) Nrityanjali

**Correct Answer: D**

**Q.62** In 2025, India achieved which milestone in the UN Sustainable Development Goals (SDGs) rankings?

Ans A) India achieved all SDGs.                      B) India entered the top 100 for the first time.                      C) India dropped out of the top 100.  
D) India ranked first globally.

**Correct Answer: B**

**Q.63** Which natural disaster involves mass movement of snow, ice, and rock down a mountain?

Ans A) Tsunami                      B) Avalanche                      C) Landslide                      D) Cyclone

**Correct Answer: B**

**Q.64** If  $a : b = 1 : 3$ ,  $b : c = 5 : 7$  and  $c : d = 9 : 5$ , then the value of  $a : b : c : d$  is:

Ans A) 15 : 75 : 105 : 35                      B) 5 : 75 : 105 : 35                      C) 15 : 45 : 63 : 35                      D) 25 : 75 : 105 : 45

**Correct Answer: C**

**Q.65** Find the volume (in  $\text{cm}^3$ ) of a sphere having a diameter of 37.8 cm, giving your answer correct to two places of decimal.

$$\text{take } \pi = \frac{22}{7}$$

Ans A) 28281.03                      B) 28291.03                      C) 28311.03                      D) 28301.03

**Correct Answer: B**

**Q.66** Refer to the following letter, number and symbol series and answer the question that follows. All numbers are single digit numbers only.

(Left) D T £ © 3 6 Z % U \$ 8 2 7 P \* @ 3 J V © H N (Right)

If all the numbers are dropped from the series, which of the following will be fifth from the left?

Ans A) ©                      B) £                      C) %                      D) Z

**Correct Answer: D**

**Q.67** On which occasion in 2024 did Prime Minister Narendra Modi launch the Dharti Aaba Janjatiya Gram Utkarsh Abhiyan (DAJGUA)?

Ans A) Republic Day                      B) Birth Anniversary of Mahatma Gandhi                      C) Independence Day                      D) World Environment Day

**Correct Answer: B**

**Q.68** Kamal, Lalit, Manish, Neil, Om and Pawan 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, which is numbered 6. Lalit lives on an even-numbered floor. Lalit lives on a floor immediately below Kamal's floor and immediately above Manish's floor. Pawan lives on a floor immediately above Neil's floor. Pawan lives on an even-numbered floor. Om does not live on floor number 4. On which floor does Om live?

Ans A) 2nd                      B) 5th                      C) 3rd                      D) 6th

**Correct Answer: D**

**Q.69** A shopkeeper fixes the marked price of an item 150% above its cost price. What percentage of discount on marked price should be allowed to gain 60%?

Ans A) 36%                      B) 34%                      C) 33%                      D) 39%

**Correct Answer: A**

**Q.70** GJHA is related to JNLD in a certain way based on the English alphabetical order. In the same way, KMEL is related to NQIO. To which of the following is NROT related, following the same logic?

Ans A) QWZT                      B) SWVQ                      C) QWTT                      D) QVSW

**Correct Answer: D**

**Q.71** How many nations became signatories to the United Nations Convention against Cybercrime in December 2025?

Ans A) 151                      B) 122                      C) 72                      D) 190

**Correct Answer: C**

**Q.72** A rise in the sea surface temperature in the Pacific Ocean accompanied by deficient rainfall in India is associated with which of the following phenomena?

Ans A) Sa Nina                      B) Chi Nina                      C) El Nino                      D) Pro Nino

**Correct Answer: C**

Q.73	The minimum value of the expression $\max \{p^2 - 2p + 4, -p^2 + 2p - 4\}$ in the range $0 \leq p \leq 1$ is:			
Ans A) 2	B) 4	C) 1	D) 3	Correct Answer: D
Q.74	At what rate (in percentage, rounded off to two decimal place) per year will a sum of money 5 times itself in 12 years on simple interest?			
Ans A) 35.33	B) 31.33	C) 33.33	D) 66.66	Correct Answer: C
Q.75	In most web browsers, when multiple tabs are open in a web browser, pressing Ctrl + Tab performs which action?			
Ans A) Launches a new tab	B) Navigates to the previous tab on the left	C) Removes the selected tab	D) Navigates to the next tab on the right	Correct Answer: D
Q.76	Which type of lens is used in a simple microscope?			
Ans A) Plano-concave	B) Biconcave	C) Biconvex	D) Cylindrical	Correct Answer: C
Q.77	Chetan's salary is ₹18000 per month. He spends ₹5000 on house rent, ₹2000 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 A) 132000	B) 121000	C) 110000	D) 99000	Correct Answer: B
Q.78	The least common multiple of $x^{3.5} \times y^{1.5}$ , $\frac{y^{2.5}}{x^{-4.5}}$ , and $\frac{x}{y^{-3}}$ is:			
Ans A) $(xy)^3 \sqrt{x^3}$	B) $(xy)^2 \sqrt{y^3}$	C) $(xy)^2 \sqrt{x^3}$	D) $(xy)^3 \sqrt{y^3}$	Correct Answer: A
Q.79	Simplify: $\frac{(4.23)^3 - 0.69 \times (4.23)^2 + 12.69(0.23)^2 - (0.23)^3}{0.4 \times 0.4 \times 4}$			
Ans A) 1000	B) 10	C) 100	D) 1	Correct Answer: C
Q.80	A chemical research laboratory uses three compounds A, B, and C in the cost ratio 3 : 5 : 7. When a fourth compound D is added to the mixture, the total cost increases by 40%. If the new ratio becomes A : B : C : D = 3 : 5 : 7 : x, what is the value of x?			
Ans A) 9	B) 8	C) 4	D) 6	Correct Answer: D
Q.81	Who is officially authorized to conduct environment audits under the Environment Audit Rules, 2025?			
Ans A) Environment Audit Designated Agency	B) Registered Environment Auditor	C) Environmental Consultant	D) Certified Environment Auditor	Correct Answer: B
Q.82	Which of the following locations stores recently opened files in Windows for quick access?			
Ans A) Recycle Bin	B) Quick Access	C) Desktop	D) Control Panel	Correct Answer: B
Q.83	What should come in place of '?' in the given series? 9 11 14 19 26 ?			
Ans A) 35	B) 37	C) 39	D) 41	Correct Answer: B
Q.84	The Economic Survey 2024–25 states that India's foreign exchange reserves were adequate to cover approximately what percentage of external debt as of December 2024?			
Ans A) More than 110%	B) About 60%	C) About 90%	D) About 75%	Correct Answer: C

**Q.85** Which global event in 1992 popularized sustainable development?

Ans A) Kyoto Protocol      B) Montreal Protocol      C) Rio Earth Summit      D) Paris Agreement

Correct Answer: C

**Q.86** Four classes have a ratio of boys to girls as 4 : 5, 3 : 2, 6 : 5 and 5 : 6, respectively. Which class has a higher proportion of boys?

Ans A) Second class (3 : 2)      B) Third class (6 : 5)      C) First class (4 : 5)      D) Fourth class (5 : 6)

Correct Answer: A

**Q.87**  
$$\frac{\sqrt[3]{2197}}{\sqrt[4]{10000}} \times \frac{5}{39} \times 48 = ?$$

Ans A) 8      B) 4      C) 2      D) 16

Correct Answer: A

**Q.88** Which of these Union Territories has a legislative assembly and council of ministers?

Ans A) Daman and Diu      B) Andaman and Nicobar Islands      C) Puducherry      D) Dadra and Nagar Haveli

Correct Answer: C

**Q.89** Which Article of the Indian Constitution was given practical effect through the 73rd Constitutional Amendment Act, 1992, leading to the establishment of the Panchayati Raj System in India?

Ans A) Article 38      B) Article 40      C) Article 56      D) Article 48

Correct Answer: B

**Q.90** A shopkeeper buys 45 identical calculators for ₹54,000. He sells 30 of them at a profit of 25% and the remaining at a loss of 20%. What is the overall profit or loss percentage?

Ans A) 5% profit      B) 10% profit      C) 5% loss      D) 10% loss

Correct Answer: B

**Q.91** Let ABC be a right-angled triangle such that  $\angle B = 90^\circ$ ,  $AB = 12$  cm and  $AC = 13$  cm. Find the value of  $\tan A - \cot C$ .

Ans A) 2      B) 6      C) 0      D) 5

Correct Answer: C

**Q.92** A shopkeeper professes to sell his goods at a 20% loss but uses a false balance and gains 40%. The actual weight (rounded off to one decimal place) he uses for 1 kg is:

Ans A) 568.8 gm      B) 576.7 gm      C) 571.4 gm      D) 575.4 gm

Correct Answer: C

**Q.93** Seven friends – A, B, C, D, E, F and G – each have a meeting on a different day of the week, starting from Monday to Sunday. C has a meeting on Thursday. Only one person has a meeting between C and F. A's meeting is immediately before F's, but not on a Monday. Only two persons have meetings between A and G. B's meeting is before E's but after D's. On which day does B have the meeting?

Ans A) Friday      B) Wednesday      C) Tuesday      D) Monday

Correct Answer: B

**Q.94** What is the maximum value that must be assigned to A so that the 8-digit number 445A0208 is divisible by 3?

Ans A) 9      B) 5      C) 2      D) 7

Correct Answer: D

**Q.95** Two taps can fill a cistern in 4 hours and 32 hours respectively. A third tap can empty it in 32 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) 4      B) 1      C) 2      D) 3

Correct Answer: B

**Q.96** Which of the following devices functions as both an input and an output device?

Ans A) Printer      B) Speaker      C) Touchscreen      D) Keyboard

Correct Answer: C

**Q.97** Which of the following is correct with respect to the theme of Yamuna Paryatam, the first novel in Marathi?

Ans A) Praised Hindu customs      B) Focused on Political life of Yamuna region      C) Criticized Hindu practices regarding widows  
D) Focused on adventure stories

Correct Answer: C

**Q.98** Amit invested equal amounts at simple interest and compound interest, compounded annually, for 2 years at the same rate of 4% per annum. In the end, he found a difference of ₹53 between the two interests earned. What was the amount (in ₹) invested in each case?

Ans A) 33475

B) 33125

C) 32375

D) 32225

Correct Answer: B

**Q.99** Which of the following statements is INCORRECT in the context of the Indian National Congress (INC)?

Ans A) Womesh Chandra Bonnerjee was the first Hindu President of the INC    B) Badruddin Tyabji was the first Jainist President of the INC

C) George Yule was the first non-Indian President of the INC    D) Dadabhai Naoroji was the first Parsi President of the INC

Correct Answer: B

**Q.100** Refer to the following number and symbol series and answer the question. Counting to be done from left to right only. (All numbers are single-digit numbers only.)

(Left)  $\Omega$  % + # 3 ? = £ 1 4 9 2 6 5 @ 7 & \$ ~ \* 8 (Right)

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

Ans A) Three

B) Four

C) One

D) Two

Correct Answer: C