



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS  
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level



Test Date	24/06/2025
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC Graduate Level I

\* Note  
Correct Answer will carry 1 mark per Question.  
Incorrect Answer will carry 1/3 Negative mark per Question.

1. Options shown in green color with a tick icon are correct.  
2. Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 The surface area (in cm<sup>2</sup>) of a sphere of radius 14 cm is:

Take  $\pi = \frac{22}{7}$

- Ans ☒ 1. 2467  
☒ 2. 2462  
☒ 3. 2465  
☒ 4. 2464

Q.2 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 8315476, which of the following digits will be third from the right?

- Ans ☒ 1. 4  
☒ 2. 6  
☒ 3. 8  
☒ 4. 2

Q.3 The Sixth Schedule of the Indian Constitution deals with the administration of tribal areas in which region?

- Ans ☒ 1. Central India  
☒ 2. Andaman and Nicobar Islands  
☒ 3. Western Ghats  
☒ 4. North-East India

Q.4 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 :: ?

# : XTR :: LHF : %

- Ans ☒ 1. # = DTX, % = FBZ  
☒ 2. # = DZX, % = FBZ  
☒ 3. # = UZX, % = FBZ  
☒ 4. # = DZX, % = FBO

Q.5 What should come in place of the question mark (?) in the given series?

4 7 13 24 42 ? 107

- Ans ☒ 1. 68  
☒ 2. 66  
☒ 3. 69  
☒ 4. 67

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Q.6 The area of a quadrilateral ABCD is  $324\text{ cm}^2$ . The lengths of the perpendiculars from the vertices B and D to the diagonal AC are 12 cm and 15 cm, respectively. Determine the length (in cm) of the diagonal AC.

- Ans

☒

1. 24
- ☐

2. 19
- ☐

3. 27
- ☐

4. 28

Q.7 By using a suitable identity, simplify  $10.1^3$ .

- Ans

☐

1. 1003.301
- ☒

2. 1030.301
- ☐

3. 1030.323
- ☐

4. 1030.3001

Q.8 If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 7156423, then how many digits will appear more than once in the new number thus formed?

- Ans

☒

1. Two
- ☐

2. Three
- ☐

3. One
- ☐

4. None

Q.9 Mr. HIJ starts from Point A and drives 21 km towards the south. He then takes a right turn, drives 19 km, turns right and drives 26 km. He then takes a right turn and drives 19 km, turns right and drives 2 km. He then takes a left turn and drives 4 km. He takes a final right turn, drives 3 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified)

- Ans

☐

1. 7 km to the east
- ☐

2. 5 km to the south
- ☐

3. 6 km to the north
- ☒

4. 4 km to the west

Q.10 The income of a person increases by 15% annually. If the initial income is ₹70,000, calculate the income after 2 years.

- Ans

☐

1. ₹91,875
- ☐

2. ₹91,575
- ☒

3. ₹92,575
- ☐

4. ₹92,175

Q.11 Which of the following has dimensional formula  $[M^0 L^0 T^{-2}]$ ?

- Ans

☐

1. Strain
- ☒

2. Angular acceleration
- ☐

3. Frequency
- ☐

4. Angular velocity

Q.12 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/Symbol	1	8	6	7	4	#	2	@	&
Code	Y	A	L	B	S	D	E	Z	C

- Conditions:
- (i) If the first element is a symbol and the last a number, 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 will be the code for the following group?

# 6 @ 2

- Ans
- ☒ 1. ELDZ
  - ☒ 2. EZLD
  - ☒ 3. ELZD
  - ☒ 4. DZLE

Q.13 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 animals are deer.  
All animals are bears.  
All animals are cows.

Conclusions:  
(I) All deer are cows.  
(II) Some cows are bears.

- Ans
- ☒ 1. Only conclusion (I) follows.
  - ☒ 2. Both conclusions (I) and (II) follow.
  - ☒ 3. Neither conclusion (I) nor (II) follows.
  - ☒ 4. Only conclusion (II) follows.

Q.14 If the fourth proportion to P, 4 and 3 is 6, then find the value of P.

- Ans
- ☒ 1. 5
  - ☒ 2. 4
  - ☒ 3. 3
  - ☒ 4. 2

Q.15 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.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	@	2	9	5	\$	&	3	%	#	7	+	4	8	6
Code	A	C	D	J	F	E	W	Q	G	P	R	B	U	S

- Conditions:
- (i) If the first element is a symbol and the last a number, 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 @9#7 coded as?

- Ans
1. ADGP
- 
2. GPDA

Q.16  $\frac{1}{20}$  is what percentage of  $\frac{1}{40}$ ?

- Ans
- 
1. 400%

Q.17 The average of 8 numbers is 16. The average of 6 of these numbers is 16. The average of the remaining two numbers is:

- Ans
- 
1. 17

Q.18 What will the following PowerShell command in Windows OS do?

Command: Remove-Item C:\Logs -Recurse -Force

- Ans
- 
1. Delete only empty folders under C:\Logs

Q.19 Each of the digits in the number 1673459 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

- Ans
- 
1. One

Q.20 Five solid cubes, each of volume  $5,92,704\text{ cm}^3$ , are joined end to end to form a cuboid. What is the lateral surface area (in  $\text{cm}^2$ ) of the cuboid?

- Ans

☐ 1. 84,774

☐ 2. 84,898

☒ 3. 84,672

☐ 4. 84,863

Q.21 B is the mother of A. C is the sister of A's father D. E is the brother of C. How is B related to E?

- Ans

☒ 1. Brother's wife

☐ 2. Sister

☐ 3. Wife

☐ 4. Mother

Q.22 *Evaluate :*  $\frac{1}{\left(\frac{7}{8}\right)+\left(\frac{4}{6}\right)}\div\frac{6}{29}$

- Ans

☒ 1.  $3\frac{5}{37}$

☐ 2.  $3\frac{10}{37}$

☐ 3.  $3\frac{13}{37}$

☐ 4.  $3\frac{1}{37}$

Q.23 In March 2025, India introduced anti-dumping duties on five products imported from which country?

- Ans

☐ 1. Bangladesh

☐ 2. Japan

☐ 3. The United States of America

☒ 4. China

Q.24 Education remained largely inaccessible to the masses during colonial rule. What was India's literacy rate around 1947?

- Ans

☐ 1. Close to 90%

☐ 2. Over 75%

☒ 3. Below 20%

☐ 4. Around 50%

Q.25 4 chairs and 4 tables cost ₹7,000 and 6 chairs and 5 tables cost ₹8,800. What is the cost of 16 chairs and 2 tables?

- Ans

☐ 1. ₹4,197

☒ 2. ₹4,200

☐ 3. ₹4,198

☐ 4. ₹4,195

**Q.26** Akash sold an article at a loss of 17%. If he had bought the item at 5% less and had sold it for ₹310 more, then he would have gained 20%. Find the cost price (in ₹) of the article.

- Ans**
- ☐ 1. 674
  - ☐ 2. 785
  - ☒ 3. 1,000
  - ☐ 4. 1,215

**Q.27** Which option correctly explains the fundamental difference between input and output devices in a computer system?

- Ans**
- ☐ 1. Input devices change user inputs into digital format, while output devices permanently save system data.
  - ☐ 2. Input devices directly interact with the CPU, while output devices work independently without CPU involvement.
  - ☐ 3. Input devices run pre-loaded instructions from memory, whereas output devices collect environmental data.
  - ☒ 4. Input devices enable users to send data into the system, while output devices communicate processed information back to the user.

**Q.28** Which type of legislative bills must be introduced in the Lok Sabha only after obtaining the prior approval of the President of India?

- Ans**
- ☐ 1. Ordinary Bills
  - ☐ 2. Public Bills
  - ☐ 3. Private Bills
  - ☒ 4. Money Bills

**Q.29** Who was elected as the Chair of the Asian Productivity Organization (APO) for the 2025–26 term during the 67<sup>th</sup> GBM?

- Ans**
- ☐ 1. Agung Nur Rohmad
  - ☐ 2. Jone Maritino Nemani
  - ☐ 3. Dr. Indra Pradana Singawinata
  - ☒ 4. Amardeep Singh Bhatia

**Q.30** Rati travels from City A to City B. If Rati drives her car at  $\frac{1}{3}$  of her normal speed, then she reaches City B 50 minutes late. Find the time (in minutes) that Rati would take to travel from City A to City B if she drove at her normal speed.

- Ans**
- ☒ 1. 25
  - ☐ 2. 34
  - ☐ 3. 35
  - ☐ 4. 26

**Q.31** What amount will be disbursed from FY 2020-21 to FY 2025-26 under the Agriculture Infrastructure Fund established by the Central Government?

- Ans**
- ☐ 1. ₹10 lakh crore
  - ☐ 2. ₹5 lakh crore
  - ☐ 3. ₹2 lakh crore
  - ☒ 4. ₹1 lakh crore

**Q.32** When the difference between compound interest, compounded annually, and simple interest for three years is ₹152 at 4% interest per annum, the principal is ₹\_\_\_\_\_.

- Ans**
- ☐ 1. 30,675
  - ☐ 2. 32,450
  - ☐ 3. 31,670
  - ☒ 4. 31,250

**Q.33** 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.

**Note:** If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	9	6	+	@	8	&	3	*	%	5	\$	4	7
Code	W	C	E	J	F	A	D	Q	G	P	R	B	U

**Conditions:**  
(I) If the first element is a number and the last a symbol, 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 843% coded as?**

- Ans
- ✓

1. GBDF
- ✗

2. BDGF
- ✗

3. FBDG
- ✗

4. FDBG

**Q.34** A pipe can fill a tank in 12 hours. Another pipe can empty the filled tank in 24 hours. If both the pipes are opened simultaneously, then the time (in hours) in which the tank will be two-third filled, is:

- Ans
- ✓

1. 16
- ✗

2. 64
- ✗

3. 48
- ✗

4. 32

**Q.35** In February 2025, who won the ‘CA in Public Service’ award from the Institute of Chartered Accountants of India?

- Ans
- ✗

1. Sushil Kumar Modi
- ✓

2. Deepak Kumar Kedia
- ✗

3. Ajay Bhushan Pandey
- ✗

4. TV Narendran

**Q.36** Consider a scenario where a user is interacting with a virtual reality (VR) environment. Which of the following input devices is least likely to be the primary means of navigation and interaction within this immersive environment?

- Ans
- ✗

1. Handheld controllers with positional tracking
- ✗

2. Head-mounted display with integrated motion tracking
- ✗

3. Haptic gloves providing tactile feedback
- ✓

4. Optical mouse connected to the computer

**Q.37** Which of the following physiographic regions lies north of the Narmada River?

- Ans
- ✓

1. Malwa Plateau
- ✗

2. Karnataka Plateau
- ✗

3. Telangana Plateau
- ✗

4. Deccan Plateau



Q.38 If  $x^2 + y^2 - 16x + 38y + 425 = 0$ , then the value of  $x^2 + y^2$  is:

- Ans
- ☐ 1. 422
  - ☐ 2. 432
  - ☐ 3. 428
  - ☒ 4. 425

Q.39 Reports of the Comptroller and Auditor General of India related to the accounts of a state shall be submitted to whom among the following?

- Ans
- ☐ 1. Prime Minister of India
  - ☒ 2. Governor of the concerned state
  - ☐ 3. President of India
  - ☐ 4. Chief Minister of the concerned state

Q.40 Find roots of  $x^2 + (2a + 3)x + (a^2 + 3a) = 0$ .

- Ans
- ☒ 1.  $x = -a, -a - 3$
  - ☐ 2.  $x = a, a + 3$
  - ☐ 3.  $x = 2a, a + 3$
  - ☐ 4.  $x = -a, a + 3$

Q.41 YRUO is related to QJMG in a certain way based on the English alphabetical order. In the same way, SLOI is related to KDGA. To which of the given options is UNQK related, following the same logic?

- Ans
- ☐ 1. MIFC
  - ☐ 2. MIOP
  - ☐ 3. MFCI
  - ☒ 4. MFIC

Q.42 There are two pumps to fill a tank with water. The first pump can fill the empty tank in 6 hours, while the second in 8 hours. If both the pumps are opened at the same time and kept open for 2 hours, the part of tank that will be filled up is:

- Ans
- ☐ 1.  $\frac{9}{10}$
  - ☐ 2.  $\frac{9}{12}$
  - ☒ 3.  $\frac{7}{12}$
  - ☐ 4.  $\frac{7}{10}$

Q.43 Which of the following cities hosted the inaugural Women's Hockey India League in 2025?

- Ans
- ☐ 1. Chennai
  - ☐ 2. Mumbai
  - ☐ 3. Bengaluru
  - ☒ 4. Ranchi

Q.44 What is the mode of the data given below? [Give your answer correct to 2 decimal places.]

Age in years	10-20	20-30	30-40	40-50	50-60	60-70	70-80
No. of patients	29	35	25	10	18	34	17

- Ans
- ☐ 1. 39.44
  - ☐ 2. 6.56
  - ☒ 3. 23.75
  - ☐ 4. 22.58

Q.45	Who among the following established its factory in Petapuli on the North Coromandel Coast in 1606?
Ans	<div><div><div>✖</div><div>1. Spanish East India Company</div></div><div><div>✖</div><div>2. Danish East India Company</div></div><div><div>✔</div><div>3. Dutch East India Company</div></div><div><div>✖</div><div>4. German East India Company</div></div></div>
Q.46	Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)
Ans	<div><div><div>✖</div><div>1. TXW</div></div><div><div>✖</div><div>2. IML</div></div><div><div>✖</div><div>3. UYX</div></div><div><div>✔</div><div>4. PRS</div></div></div>
Q.47	Seven boxes D, E, F, G, I, J and K are kept one over the other but not necessarily in the same order. Only four boxes are kept between E and D. Only F is kept above E. Only two boxes are kept between J and K. G is kept immediately above I. K is not kept immediately above G. Which box is kept fourth from the top?
Ans	<div><div><div>✖</div><div>1. F</div></div><div><div>✖</div><div>2. D</div></div><div><div>✔</div><div>3. G</div></div><div><div>✖</div><div>4. K</div></div></div>
Q.48	Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?  EFR7, HIU12, KLX17, NOA22, ?
Ans	<div><div><div>✖</div><div>1. QOD27</div></div><div><div>✔</div><div>2. QRD27</div></div><div><div>✖</div><div>3. QRI27</div></div><div><div>✖</div><div>4. PRD27</div></div></div>
Q.49	A person drove at 77 km/hr for 3.5 hours, then increased his speed by 9 km/hr, and reached the destination in another hour. Find the average speed (in km/hr) of the person during the entire journey.
Ans	<div><div><div>✖</div><div>1. 82</div></div><div><div>✖</div><div>2. 75</div></div><div><div>✖</div><div>3. 77</div></div><div><div>✔</div><div>4. 79</div></div></div>
Q.50	What should come in place of the question mark (?) in the given series based on the English alphabetical order?  LIP NKR PMT ROV ?
Ans	<div><div><div>✖</div><div>1. TRX</div></div><div><div>✔</div><div>2. TQX</div></div><div><div>✖</div><div>3. TRY</div></div><div><div>✖</div><div>4. TQY</div></div></div>

Q.51 D, E, F, H, I, J and K are sitting around a square table facing the centre of the table. Only two people sit between E and J when counted from the right of E. Only two people sit between J and F. Only three people sit between E and I. D sits to the immediate left of K. Who sits third to the left of H?

- Ans
1. I

2. E

3. K

4. D

Q.52 The mean proportional between  $12 + 3\sqrt{4}$  and  $16 - 4\sqrt{4}$  is:

- Ans
1. 7

2. 22

3. 19

4. 12

Q.53 'Top-khanah' was the general name given to the military/artillery branch of which of the following?

- Ans
1. Ghurid Dynasty

2. Vijayanagara Empire

3. Delhi Sultanate

4. Mughal Dynasty

Q.54 Which of the following statements regarding Exercise Desert Hunt 2025 is/are correct? The exercise was conducted by the Indian Air Force at an Air Force Station near Siachen Glacier. It involved Para (Special Forces) of the Indian Army, MARCOS of the Indian Navy, and Garud commandos of the Indian Air Force. The primary aim was to enhance joint operational capability in high-altitude mountain warfare. The exercise included combat free falls and hostage rescue operations.

- Ans
1. 1, 2 and 3 only

2. 2 only

3. 2 and 4 only

4. 3 and 4 only

Q.55 X varies inversely as Y and Y varies inversely as Z. In a particular case,

$X = \frac{1}{2}$  and  $Z = \frac{1}{74}$ . What will be the value of X when  $Z = 7$ ?

- Ans
1. 259

2. 262

3. 260

4. 257

Q.56 The 2025 Pulitzer Prize in Memoir or Autobiography was awarded to which of the following?

- Ans
1. *Feeding Ghosts* by Tessa Hulls

2. *Stay True* by Hua Hsu

3. *Spare* by Prince Harry

4. *Heavy* by Kiese Laymon

Q.57	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	<div><div><div>✗</div><div>1. OJ – HC</div></div><div><div>✗</div><div>2. NI – GB</div></div><div><div>✓</div><div>3. YT – RN</div></div><div><div>✗</div><div>4. KF – DY</div></div></div>
Q.58	Who among the following was appointed as the Director General of the Directorate General of Civil Aviation (DGCA) in January 2025?
Ans	<div><div><div>✗</div><div>1. Bahadur Singh Sagoo</div></div><div><div>✓</div><div>2. Faiz Ahmed Kidwai</div></div><div><div>✗</div><div>3. Bhuvnesh Kumar</div></div><div><div>✗</div><div>4. Dr. V Narayanan</div></div></div>
Q.59	DIOR is related to MQXZ in a certain way based on the English alphabetical order. In the same way, NOYX is related to WWHF. To which of the given options is OMZV related, following the same logic?
Ans	<div><div><div>✗</div><div>1. XERT</div></div><div><div>✗</div><div>2. XUDI</div></div><div><div>✓</div><div>3. XUID</div></div><div><div>✗</div><div>4. XUIO</div></div></div>
Q.60	Which two numbers should be interchanged to make the following equation correct? (Note: The entire number should be interchanged and not individual digits of a given number.)  $4 \times (56 - 20) + (28 \div 7) \times 5 - 17 = 55$
Ans	<div><div><div>✗</div><div>1. 4 and 5</div></div><div><div>✗</div><div>2. 20 and 17</div></div><div><div>✗</div><div>3. 4 and 7</div></div><div><div>✓</div><div>4. 56 and 28</div></div></div>
Q.61	Anish starts from Point A and drives 3 km towards the East. He then takes a right turn, drives 5 km, turns right and drives 2 km. He then takes a left turn and drives 4 km. He then takes a right turn and drives 7 km. He takes a final right turn, drives 9 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	<div><div><div>✗</div><div>1. 3 km to the West</div></div><div><div>✓</div><div>2. 6 km to the East</div></div><div><div>✗</div><div>3. 6 km to the West</div></div><div><div>✗</div><div>4. 5 km to the East</div></div></div>
Q.62	Which of the following stupas marks the spot where Buddha gave his first sermon?
Ans	<div><div><div>✓</div><div>1. Dhamek stupa</div></div><div><div>✗</div><div>2. Sanchi stupa</div></div><div><div>✗</div><div>3. Mahabodhi stupa</div></div><div><div>✗</div><div>4. Amravati stupa</div></div></div>

Q.63	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. PBW : RDV NDS : PFR
Ans	<div><div><div>✖</div><div>1. JMM : LON</div></div><div><div>✖</div><div>2. PWR : RZQ</div></div><div><div>✔</div><div>3. LSO : NUN</div></div><div><div>✖</div><div>4. UIK : WKL</div></div></div>
Q.64	In January 2025, who chaired the high-level review meeting on ISRO’s upcoming missions for 2025?
Ans	<div><div><div>✖</div><div>1. Dr. S Somnath</div></div><div><div>✖</div><div>2. Pawan Kumar Goenka</div></div><div><div>✔</div><div>3. Dr. Jitendra Singh</div></div><div><div>✖</div><div>4. Dr. V Narayanan</div></div></div>
Q.65	Which of the following cities hosted the European Political Community Summit in November 2024?
Ans	<div><div><div>✖</div><div>1. Vienna</div></div><div><div>✖</div><div>2. Brussels</div></div><div><div>✔</div><div>3. Budapest</div></div><div><div>✖</div><div>4. Prague</div></div></div>
Q.66	What price should Kunal mark on a pair of pants which costs him ₹3,300, so as to gain 33% after allowing a successive discount of 25% and 30%?
Ans	<div><div><div>✖</div><div>1. ₹8,310</div></div><div><div>✔</div><div>2. ₹8,360</div></div><div><div>✖</div><div>3. ₹8,256</div></div><div><div>✖</div><div>4. ₹8,290</div></div></div>
Q.67	The LCM of 44, 86 and another number, x, is 7568. Which of the following can be the value of x?
Ans	<div><div><div>✖</div><div>1. 145</div></div><div><div>✖</div><div>2. 101</div></div><div><div>✖</div><div>3. 165</div></div><div><div>✔</div><div>4. 176</div></div></div>
Q.68	In the MS PowerPoint 2019 interface, which of the following icons should you click to save changes to the current presentation quickly?
Ans	<div><div><div>✖</div><div>1. </div></div><div><div>✔</div><div>2. </div></div><div><div>✖</div><div>3. </div></div><div><div>✖</div><div>4. </div></div></div>

Q.69 12 is related to 8 following a certain logic. Following the same logic, 56 is related to 52. To which of the following is 49 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 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
- ☒

1. 45
- ☐

2. 36
- ☐

3. 50
- ☐

4. 40

Q.70 This question is based on the five, three-digit numbers given below.

(Left) 853 628 981 217 132 (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 the second digit of the highest number is added to the first digit of the lowest number?

- Ans
- ☐

1. 7
- ☒

2. 9
- ☐

3. 13
- ☐

4. 11

Q.71 Which of the following is NOT a thermometric property?

- Ans
- ☐

1. Pressure of a gas
- ☒

2. Colour of a substance
- ☐

3. Electrical resistance
- ☐

4. Length of a metal rod

Q.72 Public health services remained largely inaccessible to the masses during the colonial rule. What was India's approximate life expectancy at the time of independence?

- Ans
- ☐

1. 42-45 years
- ☐

2. 55-60 years
- ☒

3. 30-32 years
- ☐

4. 60-65 years

Q.73 Harshavardhana belonged to which ancient region?

- Ans
- ☒

1. Thanesar
- ☐

2. Magadha
- ☐

3. Agra
- ☐

4. Malwa

Q.74 The Dedicated Freight Corridor Corporation of India Limited (DFCCIL) was established as a Special Purpose Vehicle (SPV) under which of the following Acts?

- Ans
- ☐

1. Companies Act, 2013
- ☐

2. Indian Railways Act, 1989
- ☐

3. Infrastructure Development Act, 2002
- ☒

4. Companies Act, 1956

Q.75 How many villages in India have completed the computerisation of land records as of March 2025, according to the Department of Land Resources?

- Ans
- ☐ 1. 5.5 lakh
  - ☐ 2. 7.5 lakh
  - ☐ 3. 6 lakh
  - ☒ 4. 6.25 lakh

Q.76 By selling cloth at ₹344/m, a shopkeeper loses 57%. Find the rate (in ₹/m) at which it should be sold so as to earn a profit of 71%.

- Ans
- ☒ 1. 1,368
  - ☐ 2. 1,365
  - ☐ 3. 1,366
  - ☐ 4. 1,367

Q.77 Seven boxes, G, H, I, J, O, P and Q, are kept one over the other but not necessarily in the same order. Only two boxes are kept between I and P. Only O is kept above Q. No box is kept below P. J is kept at some place below H but at some place above G. Which box is kept third above G?

- Ans
- ☐ 1. Q
  - ☒ 2. H
  - ☐ 3. J
  - ☐ 4. O

Q.78 Seven people, A, B, C, D, Q, R and S are sitting in a row, facing north. Only three people sit between A and B. R sits to the immediate left of B. No one sits to the right of D. Only two people sit between D and R. C sits to the immediate right of S. How many people sit between Q and C?

- Ans
- ☐ 1. Four
  - ☐ 2. One
  - ☐ 3. Three
  - ☒ 4. Two

Q.79 What should come in place of the question mark (?) in the given series?  
223, 174, 132, 97, 69, ?

- Ans
- ☐ 1. 64
  - ☐ 2. 59
  - ☒ 3. 48
  - ☐ 4. 53

Q.80 Refer to the following number and symbol series and answer the question that follows.  
Counting to be done from left to right only.  
(Note: All numbers are single digit numbers only.)

(Left) € & % 6 2 1 € 9 4 5 @ £ \$ 4 5 4 & & # 7 £ 7 (Right)

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

- Ans
- ☐ 1. 4
  - ☐ 2. 3
  - ☐ 3. 5
  - ☒ 4. 2

Q.81 F, G, H, K, L, and M 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. K lives on the topmost floor. Only three people live between K and G. F lives on a floor below G. L lives on an even numbered floor. H lives on an odd numbered floor but not on floor number 5. How many people live between M and G?

- Ans
- ✓ 1. Two
  - ✗ 2. Three
  - ✗ 3. Four
  - ✗ 4. One

Q.82 In 2024, India celebrated its first National Space Day. What event did this day commemorate?

- Ans
- ✓ 1. The successful landing of Chandrayaan-3 on the Moon
  - ✗ 2. The launch of India's first satellite, Aryabhata
  - ✗ 3. The establishment of the Indian Space Research Organisation (ISRO)
  - ✗ 4. The launch of India's first manned space mission

Q.83 Which region in India is the least populated due to physical barriers and limited accessibility?

- Ans
- ✗ 1. Ganga Basin
  - ✓ 2. Northern Himalayas (Ladakh region)
  - ✗ 3. Coastal Andhra Pradesh
  - ✗ 4. Eastern Rajasthan

Q.84 Which of the following numbers is used to represent the ASCII value of the uppercase letter 'B'?

- Ans
- ✗ 1. 97
  - ✗ 2. 65
  - ✓ 3. 66
  - ✗ 4. 90

Q.85 Evaluate  $\cos 42^\circ \cdot \cos 18^\circ - \sin 42^\circ \cdot \sin 18^\circ$ .

- Ans
- ✗ 1. 1
  - ✓ 2.  $\frac{1}{2}$
  - ✗ 3.  $\frac{1}{4}$
  - ✗ 4.  $\frac{1}{3}$

Q.86 When did the citizenship provisions in the Constitution come into effect?

- Ans
- ✗ 1. August 15, 1947
  - ✗ 2. January 26, 1950
  - ✓ 3. November 26, 1949
  - ✗ 4. July 19, 1949

Q.87 The simple interest (in ₹) on ₹2,200 at the rate of 7% per annum in 2 years is:

- Ans
- ✗ 1. ₹358
  - ✗ 2. ₹258
  - ✗ 3. ₹408
  - ✓ 4. ₹308



Q.88 What is the approximate area covered by the Thar Desert in India?

- Ans
- ✗ 1. 2,00,000 km<sup>2</sup>
  - ✗ 2. 1,50,000 km<sup>2</sup>
  - ✗ 3. 1,00,000 km<sup>2</sup>
  - ✓ 4. 1,70,000 km<sup>2</sup>

Q.89 If  $91 \div 13 \times 3^2 - 18 \times 14 \div 2 + 11 = z$ , then find value of z.

- Ans
- ✗ 1. -49
  - ✗ 2. -48
  - ✗ 3. -51
  - ✓ 4. -52

Q.90 Which of the following can be considered as an immediate cause of the Sanyasi Rebellion?

- Ans
- ✓ 1. Restrictions imposed by the British upon pilgrims visiting holy places among both Hindus and Muslims
  - ✗ 2. British occupation of Madras region and their new land laws along with the atrocities of the landlords
  - ✗ 3. Development of a broad sense of view of Indian Nationalism
  - ✗ 4. Implementation of the Chota Nagpur Tenancy Act of 1908

Q.91 The average weight of 5 students is 60 kg. After a new student joins the group, the average becomes 62 kg. What is the weight of the new student?

- Ans
- ✗ 1. 70 kg
  - ✗ 2. 62 kg
  - ✗ 3. 68 kg
  - ✓ 4. 72 kg

Q.92 Who specifically paints the Pithora artworks?

- Ans
- ✓ 1. Lakhara
  - ✗ 2. Farmers
  - ✗ 3. Potters
  - ✗ 4. Shepherds

Q.93 Which statement is true regarding a balanced diet?

- Ans
- ✓ 1. It contains all nutrients in appropriate proportions.
  - ✗ 2. It includes only fruits and vegetables.
  - ✗ 3. It consists mainly of carbohydrates for energy.
  - ✗ 4. It must exclude fats to prevent diseases.

Q.94 Which of the following statements related to the One Nation One Subscription (ONOS) scheme launched in 2024 is/are correct?

Statement 1: The ONOS scheme aims to provide digital access to over 13,000 international journals for research institutions across India.  
Statement 2: INFLIBNET (Information and Library Network) is responsible for managing financial transactions related to the subscription charges of these journals.

- Ans
- ✓ 1. Only 1
  - ✗ 2. Only 2
  - ✗ 3. Neither 1 nor 2
  - ✗ 4. Both 1 and 2

Q.95 How many offices of the University Grants Commission are in Delhi?

- Ans
- ☐ 1. 2
  - ☐ 2. 1
  - ☐ 3. 4
  - ☒ 4. 3

Q.96 Refer to the following number and symbol series and answer the question that follows.  
Counting to be done from left to right only.  
(Note: All numbers are single digit numbers only.)

(Left) # 8 2 \* 3 & % # £ 2 € 3 5 @ 3 5 \* & % @ 3 € (Right)

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

- Ans
- ☒ 1. 3
  - ☐ 2. 5
  - ☐ 3. 2
  - ☐ 4. 7

Q.97 What is the median of the following data?

46, 19, 87, 72, 80, 91, 82, 15, 53, 86, 26

- Ans
- ☐ 1. 71.5
  - ☒ 2. 72
  - ☐ 3. 72.5
  - ☐ 4. 73

Q.98 What was the term for Anglo-Indian bureaucrats in the princely states?

- Ans
- ☒ 1. Non-Mulkis
  - ☐ 2. Mulkis
  - ☐ 3. Zamindars
  - ☐ 4. Jagirdars

Q.99 For a regular polygon, the sum of the interior angles is 200% more than the sum of its exterior angles. Each interior angle of the polygon measures  $x^\circ$ . What is the value of  $x$ ?

- Ans
- ☐ 1. 155
  - ☐ 2. 125
  - ☐ 3. 145
  - ☒ 4. 135

Q.100 Which Schedule and Article contain the names and extent of states and union territories?

- Ans
- ☐ 1. Fourth Schedule – Article 80
  - ☐ 2. Second Schedule – Article 5
  - ☒ 3. First Schedule – Articles 1 and 4
  - ☐ 4. First Schedule – Articles 1 and 2