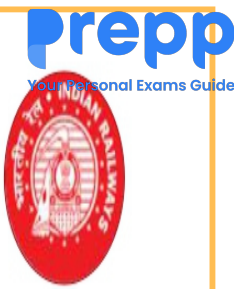




रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

सीईएन - 07/2025 - एनटीपीसी पूर्व-स्नातक स्तर - CEN - 07/2025 - NTPC UNDER GRADUATE LEVEL



Test Date	19/06/2026
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC UnderGraduate CBT 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 : Mathematics

Q.1 If $31 \times 13 + 18 \times 86 - 86 = y$, then what is the value of y ?

Ans ☒ A. 1765

☒ B. 1865

☒ C. 1665

☒ D. 1965

Q.2 An article is sold at a profit of 38%. If the cost price is increased by ₹20 and the selling price is reduced by ₹45, then the profit would be 37.5%. What is the original cost price (in ₹) of the article?

Ans ☒ A. 14,400

☒ B. 14,700

☒ C. 14,300

☒ D. 14,500

Q.3 A trader offers "Buy two, get one free" on a certain pair of trousers. If the marked price of the pair of trousers is ₹ 2700, and the trader still earns a profit of 20%, find the cost price of one pair of trousers for the trader.

Ans ☒ A. ₹ 1,550

☒ B. ₹ 1,450

☒ C. ₹ 1,500

☒ D. ₹ 1,600

Q.4 A car covers 360 km at a uniform speed in 8 hours. Find its speed in metres per second.

Ans ☒ A. 13.5 m/s

☒ B. 12.5 m/s

☒ C. 12 m/s

☒ D. 13 m/s

Q.5 A factory produces three types of widgets: A, B, and C. In one week, 12 units of A (average weight 47 kg each), 8 units of B (average weight 62 kg each), and 15 units of C (average weight 53 kg each) are manufactured. What is the weighted average weight of the widgets produced in that week?

Ans ☒ A. 51 kg

☒ B. 54 kg

☒ C. 52.5 kg

☒ D. 53 kg

Q.6 A number is divided into two sections such that one part is 10 more than the other. If their ratio is 6:4, what are the two parts of the number?

- Ans**
- ☒ A. 30 and 20
 - ☐ B. 32 and 22
 - ☐ C. 32 and 20
 - ☐ D. 34 and 24

Q.7 A regular polygon has 45 sides, each of length 2 cm. The area (in cm^2) of the polygon is

- Ans**
- ☒ A. $45 \tan(4^\circ)$
 - ☐ B. $45 \cos(4^\circ)$
 - ☐ C. $45 \cot(4^\circ)$
 - ☐ D. 45

Q.8 A, B and C are partners in a business. A, whose money has been used for 4 months, claims $\frac{1}{8}$ of the profit. B, whose money has been used for 6 months, claims $\frac{1}{8}$ of the profit. C had invested ₹ 1560 for 8 months. How much money did A contribute?

- Ans**
- ☐ A. ₹794
 - ☐ B. ₹690
 - ☐ C. ₹810
 - ☒ D. ₹720

Q.9 If the wages for 9 workers for 8 days are ₹2,880, what will be the wages for 15 workers for 9 days at the same rate?

- Ans**
- ☐ A. ₹3,880
 - ☒ B. ₹5,400
 - ☐ C. ₹3,600
 - ☐ D. ₹3,520

Q.10 To prepare a fruit punch, 2 litres of orange juice are mixed with 5 litres of water. How much water is required if 5 litres of orange juice are used?

- Ans**
- ☒ A. 12.5 litres
 - ☐ B. 18 litres
 - ☐ C. 15.5 litres
 - ☐ D. 10 litres

Q.11 A customer orders food online worth ₹1,000. The food delivery app offers a flat promotional discount of 20% on the bill. After this discount, if the amount falls between ₹650 to ₹800 (both inclusive), an additional discount of 5% is applied on that bill. If the bill includes a fixed delivery charge of ₹80 on all orders, what is the final amount the customer has to pay?

- Ans**
- ☒ A. ₹840
 - ☐ B. ₹760
 - ☐ C. ₹800
 - ☐ D. ₹900

Q.12 A and B can do a piece of work in 12 days and 20 days, respectively. Both work for 3 days and then A leaves. How long (in days) will B take to complete the remaining work?

- Ans**
- ☐ A. 11
 - ☐ B. 13
 - ☒ C. 12
 - ☐ D. 14

Q.13 The ratio of land to water for Earth as a whole is 1:3, and it is 2:5 in the Northern hemisphere. If the areas of the Northern and the Southern hemispheres are equal, then the ratio of land to water in the Southern hemisphere is:

- Ans**
- ☐ A. 1:5
 - ☐ B. 11:7
 - ☐ C. 7:5
 - ☒ D. 3:11

Q.14 The total surface area of a cube having side 64 cm is:

- Ans**
- ☐ A. 24,528 cm²
 - ☐ B. 24,589 cm²
 - ☒ C. 24,576 cm²
 - ☐ D. 24,548 cm²

Q.15 Four years ago, Ravi was thrice as old as Kaviraj. At present, Ravi is twice as old as Kaviraj. Find Ravi's age at present.

- Ans**
- ☐ A. 14 years
 - ☒ B. 16 years
 - ☐ C. 10 years
 - ☐ D. 8 years

Q.16 Find the compound interest on ₹25,600 at the rate of $12\frac{1}{2}\%$ interest per annum for 2 years 3 months, compounded annually.

- Ans**
- ☐ A. ₹8,650.50
 - ☒ B. ₹7,812.50
 - ☐ C. ₹10,580.50
 - ☐ D. ₹9,750.50

Q.17 A family increases its monthly income by 10% but their monthly expenditure rises by 20%. If their original monthly income was ₹45,000 and monthly expenditure was ₹36,000, what is the new monthly savings after the increase?

- Ans**
- ☐ A. ₹6,400
 - ☐ B. ₹6,500
 - ☐ C. ₹6,200
 - ☒ D. ₹6,300

Q.18 An article is sold at a profit of 20%. If the selling price is reduced by 10%, what will be the profit percentage?

- Ans**
- ☐ A. 20%
 - ☒ B. 8%
 - ☐ C. 6%
 - ☐ D. 12%

Q.19 The shadow of a tower increases by 20 m when the sun's altitude changes from 60° to 45° . Find the length (rounded off to one decimal place, in m) of the tower.

(Use $\sqrt{3} = 1.7$)

- Ans**
- ☐ A. 24.7
 - ☒ B. 48.6
 - ☐ C. 17.4
 - ☐ D. 27.5

Q.20 The LCM of the numbers 3, 7.2 and 0.64 is:

- Ans**
- ☒ A. 96
 - ☒ B. 144
 - ☒ C. 153
 - ☒ D. 72

Q.21

Simplify $\left\{\left(\frac{13}{33}\right) \div \left(\frac{13}{7}\right)\right\} \div \left(\frac{2}{8} \times \frac{16}{6} + \frac{5}{11}\right) + \frac{7}{3} \div \frac{37}{20}$ of $\frac{20}{3}$

- Ans**
- ☒ A. $\frac{17}{29}$
 - ☒ B. $\frac{14}{37}$
 - ☒ C. $\frac{17}{42}$
 - ☒ D. $\frac{19}{44}$

Q.22 If a sum is invested at a simple interest rate of 8% per annum for 9 months to earn an interest of ₹18,000, what was the principal amount invested?

- Ans**
- ☒ A. ₹3,00,000
 - ☒ B. ₹2,50,000
 - ☒ C. ₹4,00,000
 - ☒ D. ₹3,50,000

Q.23 Pipes C and D can fill a tank of 3,000 litres in 6 hours and 4 hours, respectively. Working together, how many hours will they take to fill a 6,000-litre tank?

- Ans**
- ☒ A. 3.5 hours
 - ☒ B. 6 hours
 - ☒ C. 4.8 hours
 - ☒ D. 4.44 hours

Q.24 ABCD is a quadrilateral in which $AB \parallel DC$, and E and F are the mid points of the diagonals AC and BD, respectively. If $AB = 23$ cm, $BC = 91$ cm, $DC = 35$ cm, and $AD = 62$ cm, then what is the length (in cm) of EF?

- Ans**
- ☒ A. 7
 - ☒ B. 8
 - ☒ C. 9
 - ☒ D. 6

Q.25 A man covers a certain distance by train. Had the train moved 14 km/hr faster, it would have taken 35 minutes less. If it moved 10 km/hr slower, it would have taken 30 minutes more. Find the distance covered by the train during the journey.

- Ans**
- ☒ A. 480 km
 - ☒ B. 780 km
 - ☒ C. 720 km
 - ☒ D. 560 km

Q.26 Find the smallest positive integer that leaves a remainder of 2 when divided by 3, a remainder of 3 when divided by 4, and a remainder of 4 when divided by 5.

- Ans**
- ☒ A. 59
 - ☐ B. 69
 - ☐ C. 50
 - ☐ D. 53

Q.27 The price of a machine is increased by 20%. Due to a fall in demand, the increased price is then decreased by 25%. Finally, the price is again increased by 10%. The overall percentage change in the price of the machine is:

- Ans**
- ☐ A. 1% increase
 - ☐ B. 1.1% decrease
 - ☐ C. 1.1% increase
 - ☒ D. 1% decrease

Q.28 A student adds $\frac{3}{5}$ unit of a solution, then adds 0.4 unit of the same solution, and finally removes $\frac{1}{10}$ unit. What is the net change in the quantity of the solution?

- Ans**
- ☐ A. decrease of 1.5 unit
 - ☒ B. increase of 0.9 unit
 - ☐ C. decrease of 0.8 unit
 - ☐ D. increase of 1.0 unit

Q.29 The average of 7 consecutive even numbers is 32. Find the sum of the smallest and largest numbers.

- Ans**
- ☐ A. 68
 - ☐ B. 62
 - ☒ C. 64
 - ☐ D. 66

Q.30 The sum of two positive numbers is 13 and their product is 30. The positive difference between them is:

- Ans**
- ☐ A. 8
 - ☐ B. 9
 - ☐ C. 12
 - ☒ D. 7

Section : General Awareness

Q.31 Which judicial doctrine allows laws promoting DPSPs to be protected from being struck down for violating certain Fundamental Rights, as long as they are interpreted harmoniously?

- Ans**
- ☐ A. Doctrine of Basic Structure
 - ☐ B. Doctrine of Severability
 - ☐ C. Doctrine of Protective Discrimination
 - ☒ D. Doctrine of Harmonious Construction

Q.32 Which climatic phenomenon is responsible for sudden winter rainfall in North-West India?

- Ans**
- ☐ A. Easterly waves
 - ☐ B. Local winds
 - ☐ C. Jet streams
 - ☒ D. Western Disturbances

Q.33 Which country hosted the 2025 BRICS Agriculture Ministers' Summit?

- Ans**
- ☐ A. Argentina
 - ☒ B. Brazil
 - ☐ C. Vietnam
 - ☐ D. Egypt

Q.34 Which of the following tasks is exclusive to the role of System Software and cannot be performed by an Application Software program?

- Ans**
- ☐ A. Managing data storage and retrieval on a hard disk drive.
 - ☐ B. Executing a pre-written script to automate a series of repetitive tasks.
 - ☐ C. Accepting user input from a keyboard and displaying output on a monitor.
 - ☒ D. Allocating a specific block of the CPU's processing time to a newly launched program.

Q.35 Which of the following battles took place in 1761 between the Northern Expeditionary Force of the Maratha Empire and the alliance of the King of Afghanistan?

- Ans**
- ☐ A. First Anglo-Afghan War
 - ☒ B. Third Battle of Panipat
 - ☐ C. Second Battle of Tarain
 - ☐ D. Battle of Peshawar

Q.36 To which Hindu deity is the Sun Temple at Konark dedicated?

- Ans**
- ☐ A. Vishnu
 - ☐ B. Shiva
 - ☒ C. Surya
 - ☐ D. Brahma

Q.37 Which Article prevents the state from making laws inconsistent with Fundamental Rights, forming the base of judicial review?

- Ans**
- ☒ A. Article 13
 - ☐ B. Article 17
 - ☐ C. Article 9
 - ☐ D. Article 5

Q.38 According to the Union Budget 2025-26, the government announced the establishment of a Maritime Development Fund with a corpus of:

- Ans**
- ☒ A. ₹25,000 crore
 - ☐ B. ₹20,000 crore
 - ☐ C. ₹30,000 crore
 - ☐ D. ₹35,000 crore

Q.39 Since hydrogen ions cannot exist alone and exist only after combining with water molecules, they must always be shown as which among the following, represented as H_3O^+ ?

- Ans**
- ☐ A. Oxide ion
 - ☐ B. Hydrogen gas
 - ☒ C. Hydronium ion
 - ☐ D. Hydroxide ion

Q.40 Who among the following was the most celebrated Indo-Greek ruler in ancient India?

- Ans**
- ☐ A. Pushyamitra
 - ☐ B. Alexander
 - ☐ C. Rudradaman
 - ☒ D. Menander

Q.41 What is the primary criterion for the selection of beneficiaries under the Pradhan Mantri Awaas Yojana-Gramin (PMAY-G)?

- Ans**
- ☐ A. Income generated from agriculture
 - ☐ B. Land ownership documents
 - ☐ C. Educational qualifications
 - ☒ D. Socio-Economic Caste Census, 2011

Q.42 What was the main objective of the Samanvay Shakti exercise launched in August 2025 at Laipuli in Tinsukia district of Assam by Indian Army in collaboration with state officials of Assam and Manipur?

- Ans**
- ☐ A. Joint military training between India and friendly foreign countries for counter-terrorism operations
 - ☐ B. Large-scale disaster management rehearsal with focus on earthquake and flood preparedness
 - ☒ C. Military-civil integration to foster synergy between security forces, government departments, and civil institutions
 - ☐ D. Strategic border defence drill aimed at strengthening Indo-Myanmar military cooperation

Q.43 Which resolution from 1931 significantly inspired India's Directive Principles promoting social and economic justice aims?

- Ans**
- ☒ A. Karachi Resolution
 - ☐ B. Lucknow Resolution
 - ☐ C. Delhi Resolution
 - ☐ D. Lahore Resolution

Q.44 Baryi and Nyioga are folk music forms from which of the following states?

- Ans**
- ☐ A. Manipur
 - ☒ B. Arunachal Pradesh
 - ☐ C. Mizoram
 - ☐ D. Tripura

Q.45 Who among the following has been sworn in as the 24th Prime Minister of Canada in March 2025?

- Ans**
- ☐ A. Donald Tusk
 - ☒ B. Mark Carney
 - ☐ C. James David Vance
 - ☐ D. Claudia Sheinbaum

Q.46 Who among the following was NOT a founding member of the Indian National Congress?

- Ans**
- ☐ A. Dinshaw Wacha
 - ☐ B. John Jardine
 - ☐ C. William Wedderburn
 - ☒ D. Bal Gangadhar Tilak

Q.47 Who is the final appellate authority under the Right to Information Act?

- Ans**
- ☐ A. Supreme Court
 - ☐ B. Lokpal
 - ☐ C. High Court
 - ☒ D. Central Information Commission

Q.48 Which of the following applications are supercomputers primarily used for?

- Ans**
- ☒ A. Word processing
 - ☒ B. Complex mathematical calculations
 - ☒ C. Internet browsing
 - ☒ D. Office automation

Q.49 Policy on disinvestment gathered steam when a new Department of Disinvestment was created in _____, which became a full Ministry in 2001.

- Ans**
- ☒ A. 1999
 - ☒ B. 1991
 - ☒ C. 2000
 - ☒ D. 1992

Q.50 Which of the following was one of the primary objectives of India's 1991 economic reforms?

- Ans**
- ☒ A. Promoting public sector dominance
 - ☒ B. Achieving self-sufficiency in agriculture
 - ☒ C. Opening up the economy to global markets
 - ☒ D. Strengthening import barriers

Q.51 What does Article 13 of the Indian Constitution primarily deal with?

- Ans**
- ☒ A. Right to Equality
 - ☒ B. Judicial Review
 - ☒ C. Reservation Policy
 - ☒ D. Freedom of Speech

Q.52 What is the name of the mascot for the Khelo India Youth Games, 2025?

- Ans**
- ☒ A. HathiSher
 - ☒ B. Simhal
 - ☒ C. Yoddha
 - ☒ D. Gajasimha

Q.53 The Damodar Valley of the Indian sub-continent is mostly rich in which mineral deposit?

- Ans**
- ☒ A. Coal
 - ☒ B. Iron
 - ☒ C. Magnesium
 - ☒ D. Limestone

Q.54 Akbar's revenue minister Todar Mal introduced an efficient revenue system based on crop yields, land surveys, and prices called:

- Ans**
- ☒ A. Ryotwari system
 - ☒ B. Zabti system
 - ☒ C. Jagirdari system
 - ☒ D. Mansabdari system

Q.55 Which of the following key combinations is used to open the File menu in many applications?

- Ans**
- ☒ A. Alt + Tab
 - ☒ B. Alt + Insert
 - ☒ C. Alt + Del
 - ☒ D. Alt + F

Q.56 According to the Supreme Court of India directives issued in November 2025, which animals must be removed and permanently relocated from institutional public spaces such as schools, hospitals, and railway stations?

- Ans**
- ☐ A. Stray donkeys
 - ☐ B. Stray cats
 - ☒ C. Stray dogs
 - ☐ D. Stray cows

Q.57 Which device converts **printed text** into machine-encoded text using pattern recognition?

- Ans**
- ☐ A. MICR reader
 - ☒ B. OCR scanner
 - ☐ C. OMR scanner
 - ☐ D. Barcode reader

Q.58 In the Santhal Rebellion (1855–57), Santhals mainly directed their anger against:

- Ans**
- ☒ A. British officers, zamindars, traders and local moneylenders
 - ☐ B. Soldiers of the Bengal army posted in distant cantonments
 - ☐ C. Traditional village headmen and clan chiefs of their own tribe
 - ☐ D. Missionaries who distributed free food during the famine

Q.59 In a classroom discussion about the measurement of work and energy, students are asked to identify the correct SI unit and dimensional formula for these quantities. Which option best represents units for both work or energy?

- Ans**
- ☐ A. watt and $M L^2 T^{-3}$
 - ☒ B. joule and $M L^2 T^{-2}$
 - ☐ C. pascal and $M L^{-1} T^{-2}$
 - ☐ D. newton and $M L T^{-2}$

Q.60 Which of the following represents the correct electronic configurations of the element phosphorus?

- Ans**
- ☐ A. K=2, L=6, M=7
 - ☐ B. K=2, L=5, M=8
 - ☒ C. K=2, L=8, M=5
 - ☐ D. K=2, L=7, M=6

Q.61 Which of the following is characterised as an interconnected chain of submerged mountains, with a central rift zone of intense volcanic activity?

- Ans**
- ☐ A. Continental slope
 - ☒ B. Mid-oceanic ridges
 - ☐ C. Deep-ocean trenches
 - ☐ D. Abyssal plains

Q.62 Which of the following temples is described as a monumental representation of Surya's chariot with 24 wheels?

- Ans**
- ☐ A. Virupaksha Temple
 - ☐ B. Mahabodhi Temple
 - ☒ C. Sun Temple, Konark
 - ☐ D. Airavatesvara Temple

Q.63 Who among the following is NOT associated with Carnatic music?

- Ans**
- ☒ A. Ravi Shankar
 - ☐ B. Nithyasree Mahadevan
 - ☐ C. Vijayalakshmy Subramaniam
 - ☐ D. DK Pattammal

Q.64 Which of the following energy resource is considered exhaustible and polluting in India?

- Ans**
- ☐ A. Wind
 - ☐ B. Solar
 - ☐ C. Biogas
 - ☒ D. Coal

Q.65 Arundhati Roy's first full-length memoir, published in 2025, is titled:

- Ans**
- ☐ A. Notes from a Small Town
 - ☒ B. Mother Mary Comes To Me
 - ☐ C. Walking with the Ants
 - ☐ D. The Ministry of Lost Stories

Q.66 Which function is primarily regulated by the medulla?

- Ans**
- ☐ A. Memory
 - ☐ B. Vision
 - ☐ C. Thinking
 - ☒ D. Involuntary actions

Q.67 Mount Etna, Europe's largest and most active volcano, known for its frequent and persistent eruptions, is located in _____, which reported a new eruption at a vent located in the west part of the Southeast Crater in February 2025.

- Ans**
- ☒ A. Italy
 - ☐ B. Luxembourg
 - ☐ C. Estonia
 - ☐ D. Serbia

Q.68 Article 350B of the Indian Constitution provides for the appointment of which of the following?

- Ans**
- ☐ A. Special Officer for Women and Children
 - ☐ B. Special Officer for Scheduled Castes
 - ☒ C. Special Officer for Linguistic Minorities
 - ☐ D. Special Officer for Other Backward Classes

Q.69 The Census 2011 of India is officially recognised as which number in the sequence of the continuous series of censuses reckoned from 1872?

- Ans**
- ☐ A. 14th National Census
 - ☒ B. 15th National Census
 - ☐ C. 13th National Census
 - ☐ D. 16th National Census

Q.70 According to the Forest Survey of India (FSI) 2021, which state/UT had the highest percentage of forest cover relative to its geographical area?

- Ans**
- ✓ A. Mizoram
 - ✗ B. Andhra Pradesh
 - ✗ C. Chhattisgarh
 - ✗ D. Assam

Section : General Intelligence and Reasoning

Q.71 JK 9 is related to MJ -7 in a certain way. In the same way, PQ 4 is related to SP -12. To which of the following is QR 13 related, following the same logic?

- Ans**
- ✗ A. YT -1
 - ✓ B. TQ -3
 - ✗ C. GH-4
 - ✗ D. TM -6

Q.72 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

HDZM 42 BYFR 36 VTLW 30 PORB 24 ?

- Ans**
- ✗ A. JKYH 16
 - ✗ B. KKXG 16
 - ✓ C. JJXG 18
 - ✗ D. KJYH 18

Q.73 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. NQS
 - ✗ B. SVX
 - ✓ C. KNQ
 - ✗ D. LOQ

Q.74 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

HKS GMP FOM EQJ ?

- Ans**
- ✗ A. VTF
 - ✗ B. MTC
 - ✓ C. DSG
 - ✗ D. PVE

Q.75 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?

10 B 3 D 45 A 9 C 2 = ? D 18

- Ans**
- ✓ A. 45
 - ✗ B. 55
 - ✗ C. 50
 - ✗ D. 40

Q.76 Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which is the one that does not belong to that group?

(Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

- Ans**
- ☒ A. WOK
 - ☐ B. TNH
 - ☐ C. RLF
 - ☐ D. YSM

Q.77 In a certain code language, 'PACK' is coded as '1376' and 'CAKE' is coded as '7615'. What is the code for 'E' in the given code language?

- Ans**
- ☐ A. 1
 - ☐ B. 7
 - ☒ C. 5
 - ☐ D. 6

Q.78 What should come in place of '?' in the given series?

184 164 146 130 116 104 ?

- Ans**
- ☒ A. 94
 - ☐ B. 89
 - ☐ C. 96
 - ☐ D. 91

Q.79 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

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

7 - 14
45 - 90

- Ans**
- ☐ A. 12 - 34
 - ☒ B. 70 - 140
 - ☐ C. 42 - 82
 - ☐ D. 8 - 17

Q.80 Refer to the given number series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers only.

(Left) 9 2 3 1 4 5 6 8 5 4 3 2 1 9 3 4 5 6 7 8 1 2 9 8 3 4 5 2 6 8 2 (Right)

How many such odd digits are there, each of which is immediately preceded by an even digit and also immediately followed by an odd digit?

- Ans**
- ☐ A. One
 - ☐ B. None
 - ☐ C. Three
 - ☒ D. Two

Q.81 Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only four boxes are kept between C and A. Only F is kept above C. Only two boxes are kept between D and B. G is kept immediately above E. B is not kept immediately above G. Which box is kept immediately below E?

- Ans**
- ☒ A. F
 - ☒ B. B
 - ☒ C. G
 - ☒ D. A

Q.82 Each of the digits in the number 8945317 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**
- ☒ A. TWO
 - ☒ B. ONE
 - ☒ C. NONE
 - ☒ D. THREE

Q.83 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$24 \div 5 - 11 + 70 \times 14 = ?$$

- Ans**
- ☒ A. 126
 - ☒ B. 123
 - ☒ C. 122
 - ☒ D. 120

Q.84 In a certain code language,
 $A \leq B$ means 'A is the father of B',
 $A \neq B$ means 'A is the wife of B',
 $A @ B$ means 'A is the son of B' and
 $A \sim B$ means 'A is the sister of B'.

Based on the above, how is R related to O if ' $R \neq A @ N \leq C \sim O$ '?

- Ans**
- ☒ A. Brother's wife
 - ☒ B. Father's mother
 - ☒ C. Wife's sister
 - ☒ D. Wife

Q.85 Seven boxes A, B, J, E, C, T and S are kept one over the other but not necessarily in the same order. Only T is kept below E. Only A is kept above J. Only C is kept between J and S. How many boxes are kept between B and T?

- Ans**
- ☒ A. Zero
 - ☒ B. Three
 - ☒ C. Two
 - ☒ D. One

Q.86 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

BIRD FMVH JQZL NUDP ?

- Ans**
- ☒ A. RZHS
 - ☒ B. SZGS
 - ☒ C. SYGT
 - ☒ D. RYHT

Q.87 Seven people A, B, D, J, O, T and Z are sitting in a row, facing north. Only D sits to the left of T. Only four people sit between D and A. Only O sits between Z and B and Z is not an immediate neighbor of A. Who sits immediately to the left of T?

- Ans**
- ☒ A. D
 - ☐ B. Z
 - ☐ C. B
 - ☐ D. A

Q.88 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.

Statement: No Oranges are Apricots. All Apricots are Apples.

Conclusion I: No Apples are Oranges.
Conclusion II: Some Oranges are Apples.

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

Q.89 J, U, N, I, O, R and S are sitting around a circular table facing the centre of the table. S sits fourth to the left of R. O sits fourth to the right of U. Only two people sit between R and U when counted from the left of R. N is not an immediate neighbour of O or R. J is not an immediate neighbour of N. Who sits third to the right of I?

- Ans**
- ☐ A. S
 - ☐ B. R
 - ☐ C. U
 - ☒ D. J

Q.90 P is the sister of Q. Q is the brother of S. T is the father of X. X is the son of S. How is P related to X?

- Ans**
- ☐ A. Mother
 - ☐ B. Father's mother
 - ☒ C. Mother's sister
 - ☐ D. Sister

Q.91 What should come in place of the '?' in the given series?

17 30 56 95 147 ?

- Ans**
- ☐ A. 221
 - ☐ B. 225
 - ☐ C. 252
 - ☒ D. 212

Q.92 NQTM is related to ILOH in a certain way based on the English alphabetical order. In the same way, UOLG is related to PJGB. To which of the following is HRPW related, following the same logic?

- Ans**
- ☐ A. LFTS
 - ☐ B. NTGY
 - ☒ C. CMKR
 - ☐ D. PDRT

Q.93 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**
- ☒ A. IB-DG
 - ☒ B. KD-FI
 - ☒ C. NG-IL
 - ☒ D. PI-KM

Q.94 Seven boxes, M, N, O, P, X, Y and Z, are kept one over the other, but not necessarily in the same order.
Y is kept second from the bottom. Only three boxes are kept between Y and O. X is kept at one of the positions below Y. Only N is kept between O and P. M is kept at one of the positions above O.
How many boxes are kept between X and M?

- Ans**
- ☒ A. Three
 - ☒ B. Five
 - ☒ C. Four
 - ☒ D. One

Q.95 In a certain code language, 'rain calms storms' is coded as 'gl ot fr and 'patience gently calms' is coded as 'ot mi zp. How is 'calms' coded in the given language?

- Ans**
- ☒ A. gl
 - ☒ B. fr
 - ☒ C. zp
 - ☒ D. ot

Q.96 Palash starts from Point Y and drives 25 km towards West. He then takes a left turn, drives 23 km, turns right and drives 51 km. He then takes a left turn and drives 16 km. He takes a left turn, drives 31 km. He then turns right, drives 35 km, turns left and drives 45 km to stop at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90° turns only unless specified.)

- Ans**
- ☒ A. 73 km towards south
 - ☒ B. 77 km towards north
 - ☒ C. 71 km towards south
 - ☒ D. 74 km towards north

Q.97 NJ 9 is related to QN -9 in a certain way. In the same way, OR 13 is related to RV -5. To which of the following is VR 19 related, following the same logic?

- Ans**
- ☒ A. YV 1
 - ☒ B. VZ 3
 - ☒ C. CX 5
 - ☒ D. YX 6

Q.98 Refer to the following series and answer the question. (Counting to be done from left to right only.) (All numbers are single-digit numbers only.)
(Left) 7 3 5 2 3 5 3 5 2 2 5 2 5 2 5 6 5 4 6 5 4 9 9 8 5 5 2 (Right)
How many such even digits are there, each of which is immediately preceded by a perfect square and immediately followed by an even digit? (NOTE: 1 is also a perfect square.)

- Ans**
- ☒ A. Two
 - ☒ B. One
 - ☒ C. Three
 - ☒ D. None

Q.99 Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusions logically follow/s from the given statements.

Statements: Some hairs are wires. All ropes are wires.

Conclusion (I) : Some hairs are ropes

Conclusion (II) : All wires are ropes

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

Q.100 Refer to the following letter series and answer the question that follows.

Left) Z K J H G F D S T U I A W Q P L M N B X (Right)

How many letters are there in the English alphabetical series between the letter which is fifth from the right end and fourth from the left end of the series?

- Ans**
- ☐ A. One
 - ☒ B. Three
 - ☐ C. More than three
 - ☐ D. Two