



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

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

Test Date	13/06/2026
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 the ratio of two numbers is 8 : 3, and their HCF is 8, then their LCM is:

- Ans
- ☒ A. 200
 - ☒ B. 192
 - ☒ C. 186
 - ☒ D. 229

Q.2 Let p and q be distinct positive prime numbers such that $p > q$ and $p^2 - q^2 = 45$. What is the value of $p + q$?

- Ans
- ☒ A. 12
 - ☒ B. 13
 - ☒ C. 9
 - ☒ D. 10

Q.3 Four prime numbers are listed in order. If the product of the first three is 105 and the product of the last three is 385, what is the largest prime number?

- Ans
- ☒ A. 7
 - ☒ B. 13
 - ☒ C. 17
 - ☒ D. 11

Q.4 A recipe requires sugar and flour in the ratio 7:11. If you have 154 grams of sugar and want to maintain the same proportion, how much flour should you use?

- Ans
- ☒ A. 198 grams
 - ☒ B. 264 grams
 - ☒ C. 220 grams
 - ☒ D. 242 grams

Q.5 To earn ₹15,000 as simple interest in 5 months at 12% per annum, what should be the invested amount?

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

Q.6 There are 400 multiple choice questions in a test. 4 marks are allotted for a correct answer and 1 mark is deducted for a wrong answer or unattempted question from total score of correct answers. If a candidate has scored 1280 marks in the test, how many questions did the candidate answer correctly?

- Ans**
- ☐ A. 346
 - ☐ B. 322
 - ☐ C. 315
 - ☒ D. 336

Q.7 A train travels at a speed of 54 km/h for 20 minutes. What distance does it cover?

- Ans**
- ☐ A. 12 km
 - ☒ B. 18 km
 - ☐ C. 20 km
 - ☐ D. 15 km

Q.8 If the amount payable after 2 years is 1.1025 times of the sum invested, at compound interest (compounded annually), what is the rate of interest per annum?

- Ans**
- ☐ A. 10%
 - ☐ B. 3.5%
 - ☒ C. 5%
 - ☐ D. 2%

Q.9 A landscape architect is designing a garden in the shape of a quadrilateral where the diagonals intersect at right angles but are not equal in length. If the diagonals are 12 meters and 16 meters, what is the area of the garden?

- Ans**
- ☒ A. 96 square meters
 - ☐ B. 64 square meters
 - ☐ C. 192 square meters
 - ☐ D. 48 square meters

Q.10 The sum of two positive numbers is 51 and their product is 230. The positive difference between them is:

- Ans**
- ☐ A. 61
 - ☒ B. 41
 - ☐ C. 32
 - ☐ D. 52

Q.11 Two trains of lengths 250 m and 300 m run in opposite directions at 72 km/hr and 108 km/hr. In how many seconds will they completely cross each other?

- Ans**
- ☒ A. 11 seconds
 - ☐ B. 14 seconds
 - ☐ C. 15 seconds
 - ☐ D. 12 seconds

Q.12 In an apartment complex, the monthly electricity consumption (in units) for five flats is 320, 400, 360, 340, and 380. If the residents want to know the average monthly consumption (in units) per flat by using the direct method, what value will they obtain?

- Ans**
- ☐ A. 355
 - ☐ B. 365
 - ☐ C. 350
 - ☒ D. 360

Q.13 A family consumes 12 units of electricity per day. Cost per unit is ₹8. How much do they pay for a 31-day month?

- Ans**
- ☒ A. ₹2,796
 - ☒ B. ₹2,976
 - ☒ C. ₹2,769
 - ☒ D. ₹2,967

Q.14 Simplify:

$$\frac{(3^5 \times 6^4 \times 4^3)}{(3^2 \times 6^2 \times 4^1)}$$

- Ans**
- ☒ A. 15558
 - ☒ B. 15554
 - ☒ C. 15552
 - ☒ D. 15559

Q.15 If 45% of a number exceeds 20% of it by 48, then the number is:

- Ans**
- ☒ A. 192
 - ☒ B. 232
 - ☒ C. 172
 - ☒ D. 212

Q.16 A trader initially marks all his goods 60% above the cost price. He sells half of the goods at a discount of 25% on the marked price. For the remaining half, he revises the marked price to 80% above the cost price and then offers a discount of 30%. Find the overall profit percentage earned by the trader.

- Ans**
- ☒ A. 20%
 - ☒ B. 21%
 - ☒ C. 22%
 - ☒ D. 23%

Q.17 A merchant buys tea at ₹100 per kg and sells it using a 800 g weight as 1 kg, after marking the price up by 25% and giving a discount of 20%. What is his profit per kg?

- Ans**
- ☒ A. ₹10
 - ☒ B. ₹25
 - ☒ C. ₹15
 - ☒ D. ₹20

Q.18 The fourth proportional to three positive numbers is 120. If the first number is twice the second, and the third number is five times the first, then find the sum of all the three numbers.

- Ans**
- ☒ A. 288
 - ☒ B. 336
 - ☒ C. 300
 - ☒ D. 312

Q.19 An article is sold at a loss of 12% on its cost price. If the same article were sold for ₹84 more than its original selling price, the seller would make a profit of 8% on the same cost price. What is the cost price of the article?

- Ans**
- ☒ A. ₹410
 - ☒ B. ₹400
 - ☒ C. ₹420
 - ☒ D. ₹430

- Q.20** Pipes A and B fill a tank in 20 and 30 minutes, respectively. If both are opened together, after how many minutes will the tank be $\frac{2}{3}$ full?
- Ans** ☐ A. 16 minutes
☐ B. 12 minutes
☐ C. 10 minutes
☒ D. 8 minutes

- Q.21** An investment decreases by 30% in the first year, increases by 30% in the second year, and then increases by 20% in the third year. What is the overall percentage change from the initial value?
- Ans** ☐ A. 10.2 % increase
☒ B. 9.2% increase
☐ C. 10.2% decrease
☐ D. 9.2% decrease

- Q.22** A shopkeeper offers a fixed discount of 15% on rice and 100 gm rice free with every purchase of 1.9 kg rice. Find the overall discount percent offered by him on rice.
- Ans** ☒ A. 19.25%
☐ B. 19.50%
☐ C. 20.00%
☐ D. 19.10%

- Q.23** Find the value of m which satisfies
- $$\left(\frac{23}{8}\right)^{12} \times \left(\frac{8}{23}\right)^{15} \times \left(\frac{23}{8}\right)^9 = \left(\frac{8}{23}\right)^{8m+8}.$$
- Ans** ☐ A. $-\frac{24}{8}$
☐ B. $-\frac{10}{8}$
☒ C. $-\frac{7}{4}$
☐ D. $-\frac{9}{8}$

- Q.24** Seven years ago Ramu was five times as old as his son. The present age difference between Ramu and his son is 28 years. Find the sum of their present ages.
- Ans** ☐ A. 73 years
☒ B. 56 years
☐ C. 30 years
☐ D. 28 years

- Q.25** A and B can do a piece of work in 12 days and 33 days, respectively. Both work for 4 days and then A leaves. How long (in days) will B take to complete the remaining work?
- Ans** ☐ A. 17
☐ B. 20
☐ C. 19
☒ D. 18

Q.26 If $\sin \theta + \cos \theta = \sqrt{2} \cos \theta$, where, $0 < \theta < 90^\circ$, then the value of $\tan \theta$ is:

Ans

- ☐ A. $\frac{1}{\sqrt{3}}$
- ☐ B. 1
- ☐ C. $\sqrt{3}$
- ☒ D. $\sqrt{2} - 1$

Q.27 The volume of a cylinder having height 27 cm and radius 7 cm is:

$$\left(\pi = \frac{22}{7}\right)$$

Ans

- ☒ A. 4158 cm³
- ☐ B. 4068 cm³
- ☐ C. 4146 cm³
- ☐ D. 4187 cm³

Q.28 A rectangular garden has a length of 16 meters and a width of x meters. If the width is the mean proportional between 4 meters and 64 meters, what is the value of x?

Ans

- ☐ A. 12
- ☐ B. 24
- ☐ C. 8
- ☒ D. 16

Q.29 If the consecutive angles of a parallelogram are in the ratio 2:3, what is the measure of the smaller angle?

Ans

- ☒ A. 72°
- ☐ B. 70°
- ☐ C. 76°
- ☐ D. 74°

Q.30 A group consists of 25% boys, 55% girls, and the rest are teachers. Their average weights are 50 kg, 55 kg, and 65 kg, respectively. What is the average weight (in kg) of the group?

Ans

- ☒ A. 55.75 kg
- ☐ B. 62.34 kg
- ☐ C. 58.43 kg
- ☐ D. 52.14 kg

Section : General Awareness

Q.31 Which of the following is a percussion instrument commonly used in Indian classical music?

Ans

- ☐ A. Flute
- ☒ B. Mridangam
- ☐ C. Veena
- ☐ D. Santoor

Q.32 The commercial unit of electrical energy is kilowatt hour (kWh) and 1 kW h is equal to _____.

Ans

- ☐ A. 3.6×10^8 watt second
- ☒ B. 3.6×10^6 watt second
- ☐ C. 3.6×10^7 watt second
- ☐ D. 3.6×10^9 watt second

Q.33 What is the term of an elected MLA in Indian State Legislatures, unless dissolved prematurely?

- Ans**
- ☒ A. 5 years
 - ☐ B. 4 years
 - ☐ C. 6 years
 - ☐ D. 3 years

Q.34 According to the Census 2011, what was the approximate total literacy rate in India?

- Ans**
- ☒ A. 74.04%
 - ☐ B. 78.21%
 - ☐ C. 64.83%
 - ☐ D. 70.50%

Q.35 Which Indian launch vehicle successfully launched the CMS-03 communication satellite on 2nd November 2025?

- Ans**
- ☐ A. Agni
 - ☐ B. PSLV
 - ☐ C. GSLV
 - ☒ D. LVM3

Q.36 Which of the following is NOT a style of Hindustani classical music?

- Ans**
- ☐ A. Tappa
 - ☐ B. Khyal
 - ☒ C. Varnam
 - ☐ D. Dhrupad

Q.37 Which river system supports Bangladesh's extreme population density?

- Ans**
- ☐ A. Nile River Valley
 - ☐ B. Mississippi River Plain
 - ☒ C. Ganges-Brahmaputra Delta
 - ☐ D. Amazon River Basin

Q.38 In which of the following years was the Citizenship Act passed by the Indian Parliament?

- Ans**
- ☐ A. 1950
 - ☐ B. 1953
 - ☐ C. 1952
 - ☒ D. 1955

Q.39 What change occurs in the amount of heat produced when the electric current in a conductor is doubled?

- Ans**
- ☐ A. Double
 - ☒ B. Four times
 - ☐ C. Same as before
 - ☐ D. Half

Q.40 What was the main purpose of the Commission of Inquiry, appointed by the Janata Party government in May 1977?

- Ans**
- ☐ A. To assess the impact of the Emergency on civil liberties
 - ☒ B. To examine allegations of abuse of authority during the Emergency
 - ☐ C. To investigate the economic policies of the previous government
 - ☐ D. To evaluate the effectiveness of the Janata Party government

Q.41 Which Census of India is known for transforming the Census Organisation into a major Cultural Repository through extensive studies on rural crafts, fairs, festivals, and ethnographic surveys, and also marked India's early adoption of mechanical tabulation equipment such as key punches, sorters, and tabulators?

- Ans**
- ☐ A. 1981 Census of India
 - ☐ B. 1951 Census of India
 - ☒ C. 1961 Census of India
 - ☐ D. 1971 Census of India

Q.42 What was the primary objective of the Vernacular Press Act (1878)?

- Ans**
- ☐ A. Removing censorship rules to allow free expression in vernacular print outlets.
 - ☒ B. Restricting non-English publications to prevent criticism of British political actions.
 - ☐ C. Encouraging regional newspapers to defend imperial policies against opponents.
 - ☐ D. Promoting bilingual journalism to support cultural unity in colonial territories.

Q.43 Which of the following types of natural vegetation is also called 'taiga'?

- Ans**
- ☐ A. Tropical Grasslands
 - ☐ B. Mediterranean Vegetation
 - ☒ C. Coniferous Forests
 - ☐ D. Temperate Deciduous Forests

Q.44 In which of the following years was Rani Lakshmi Bai killed?

- Ans**
- ☒ A. 1858
 - ☐ B. 1854
 - ☐ C. 1857
 - ☐ D. 1878

Q.45 Which latitude experiences the longest daylight during the June solstice?

- Ans**
- ☒ A. $66\frac{1}{2}^{\circ}$ N
 - ☐ B. $23\frac{1}{2}^{\circ}$ S
 - ☐ C. $23\frac{1}{2}^{\circ}$ N
 - ☐ D. Equator

Q.46 Which statement about Application Software is True or False?

- (i) Application Software depends on System Software like the OS to be loaded and access hardware.
(ii) The failure of one application always causes the OS to crash.

- Ans**
- ☐ A. (i) False, (ii) True
 - ☒ B. (i) True, (ii) False
 - ☐ C. (i) True, (ii) True
 - ☐ D. (i) False, (ii) False

Q.47 Which memory is fastest and located inside the CPU?

- Ans**
- ☐ A. Cache L3
 - ☒ B. Registers
 - ☐ C. Hard disk
 - ☐ D. RAM

Q.48 Which ministry released the fourth issue of the publication titled “Children in India 2025” on 25 September 2025?

- Ans**
- ✓ A. Ministry of Statistics and Programme Implementation
 - ✗ B. Ministry of Women and Child Development
 - ✗ C. Ministry of Education
 - ✗ D. Ministry of Health and Family Welfare

Q.49 Which of the following is the funding ratio shared by the Central and State Governments under the 'Paramparagat Krishi Vikas Yojana' in the North-eastern and Himalayan States?

- Ans**
- ✗ A. 60 : 40
 - ✗ B. 50 : 50
 - ✓ C. 90 : 10
 - ✗ D. 80 : 20

Q.50 Which of the following Fundamental Duties was added in the Constitution by the 86th Constitution Amendment Act, 2002?

- Ans**
- ✗ A. To protect and improve the natural environment
 - ✓ B. To provide opportunities for education to a child or ward between ages six and fourteen
 - ✗ C. To develop scientific temper
 - ✗ D. To value and preserve the rich heritage of the country's composite culture

Q.51 Which platform successfully completed in-orbit testing of an environmentally friendly **green propulsion system**?

- Ans**
- ✗ A. Geosynchronous satellite
 - ✓ B. PSLV payload module from TDF
 - ✗ C. Chandrayaan lander
 - ✗ D. GSLV upper stage

Q.52 What is the primary purpose of a Parliamentary Committee in India?

- Ans**
- ✓ A. To examine bills and policies in detail
 - ✗ B. To supervise elections across the country
 - ✗ C. To appoint ministers to executive offices
 - ✗ D. To amend provisions of the Constitution

Q.53 In Arthashastra, which two types of courts dealt with disputes among citizens and between the state and citizens?

- Ans**
- ✗ A. Sabha and Samiti
 - ✗ B. Mantriparishad and Parishad
 - ✓ C. Dharmasthiya and Kantakashodhana
 - ✗ D. Sangha and Gana

Q.54 India became a full member of the Shanghai Cooperation Organisation (SCO) in which of the following years?

- Ans**
- ✗ A. 2005
 - ✓ B. 2017
 - ✗ C. 2015
 - ✗ D. 2001

Q.55 Which of the following architectural techniques was introduced to India during the Sultanate period?

- Ans**
- ☐ A. Wooden truss construction
 - ☐ B. Slab-and-beam roofing
 - ☐ C. Barrel vaulting
 - ☒ D. Arch and dome construction technique

Q.56 *Chhau, a celebrated dance tradition from Eastern India, has been acknowledged by UNESCO under which cultural recognition category?*

- Ans**
- ☐ A. Oral and Literary Heritage
 - ☒ B. Intangible Cultural Heritage
 - ☐ C. World Heritage Sites
 - ☐ D. Cultural Landscape Heritage

Q.57 Which Indian political leader was appointed as the central observer for the Bharatiya Janata Party's legislative-party-leader selection in Bihar in Nov 2025?

- Ans**
- ☐ A. Arjun Ram Meghwal
 - ☐ B. Yogi Adityanath
 - ☐ C. Sadhvi Niranjana Jyoti
 - ☒ D. Keshav Prasad Maurya

Q.58 What was the Untouchability (Offences) Act, 1955, renamed as in 1976?

- Ans**
- ☐ A. Civil Rights Enforcement Act
 - ☐ B. Social Justice Act
 - ☐ C. Fundamental Rights Protection Act
 - ☒ D. Protection of Civil Rights Act, 1955

Q.59 Which of the following was a major goal of liberalisation under the 1991 economic reforms?

- Ans**
- ☒ A. Remove barriers to trade and industry
 - ☐ B. Promote public sector dominance
 - ☐ C. Ban foreign companies
 - ☐ D. Increase government control over industries

Q.60 The International Monetary Fund AIUIA Conference on Emerging Market Economies 2025 focuses on:

- Ans**
- ☐ A. Strategies for developed economies to combat inflation
 - ☐ B. The impact of cryptocurrency on global trade
 - ☒ C. Policy challenges and opportunities for emerging markets in a shifting economic landscape
 - ☐ D. The role of artificial intelligence in stock market predictions

Q.61 Who among the following won the Laureus World Sportsman of the Year Award in 2025?

- Ans**
- ☒ A. Mondo Duplantis
 - ☐ B. Serena Williams
 - ☐ C. Tom Pidcock
 - ☐ D. Novak Djokovic

Q.62 The Western Ghats are highest in which region?

- Ans**
- ☐ A. Tamil Nadu
 - ☐ B. Goa
 - ☒ C. Kerala
 - ☐ D. Karnataka

Q.63 Which component of the Central Processing Unit (CPU) is responsible for performing calculations and logical comparisons?

- Ans**
- ☐ A. Control Unit (CU)
 - ☐ B. Main Memory (RAM)
 - ☐ C. Register
 - ☒ D. Arithmetic Logic Unit (ALU)

Q.64 Which factors are responsible for the increase in metallic character down a group in the periodic table?

- Ans**
- ☒ A. Decreasing ionization energy and increasing atomic size
 - ☐ B. Constant ionization energy and decreasing atomic size
 - ☐ C. Increasing ionization energy and decreasing atomic size
 - ☐ D. Increasing atomic size and constant ionization energy

Q.65 Under the Viksit Bharat – Guarantee for Rozgar and Ajeevika Mission (Gramin) (VB-G RAM G) Act, 2025, rural households are guaranteed a minimum of how many days of wage employment per year?

- Ans**
- ☐ A. 50 days
 - ☒ B. 125 days
 - ☐ C. 100 days
 - ☐ D. 75 days

Q.66 Which law governs the relationship between the pressure and volume of a fixed amount of gas at constant temperature?

- Ans**
- ☒ A. Boyle's Law
 - ☐ B. Gay-Lussac's Law
 - ☐ C. Charles's Law
 - ☐ D. Avogadro's Law

Q.67 In 2025, India's ranking in the **Climate Change Performance Index (CCPI)** was:

- Ans**
- ☐ A. 15th
 - ☐ B. 18th
 - ☐ C. 12th
 - ☒ D. 10th

Q.68 In which field are computers used for tasks like weather forecasting, simulation, and research?

- Ans**
- ☒ A. Space and Meteorology
 - ☐ B. Sports Training
 - ☐ C. Agriculture
 - ☐ D. Entertainment

Q.69 The IMD World Competitiveness Ranking 2025 listed which of the following among the top 3 most competitive economies?

- Ans**
- ☒ A. Switzerland, Singapore, Hong Kong
 - ☐ B. Brazil, Russia, South Africa
 - ☐ C. USA, China, India
 - ☐ D. Germany, Japan, Canada

Q.70 Which inscription expresses Ashoka's remorse after the Kalinga war?

- Ans**
- ☐ A. Rock Edict I
 - ☐ B. Rock Edict VII
 - ☐ C. Pillar Edict V
 - ☒ D. Rock Edict XIII

Section : General Intelligence and Reasoning

Q.71 GILF is related to NPSM in a certain way based on the English alphabetical order. In the same way, JLOI is related to QSVP. To which of the following is MORL related, following the same logic?

- Ans**
- ☐ A. VTYS
 - ☒ B. TVYS
 - ☐ C. VTSY
 - ☐ D. TVSY

Q.72 What should come in place of the '?' in the given series?

156 180 228 300 ? 516

- Ans**
- ☒ A. 396
 - ☐ B. 382
 - ☐ C. 376
 - ☐ D. 402

Q.73 Based on the English 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. OQM
 - ☐ B. KMI
 - ☐ C. TVR
 - ☒ D. FHE

Q.74 In a certain code language, 'FILE' is coded as '4128' and 'LIME' is coded as '1268'. What is the code for 'M' in the given code language?

- Ans**
- ☐ A. 8
 - ☒ B. 6
 - ☐ C. 1
 - ☐ D. 2

Q.75 Each vowel in the word MELODIA is changed to the letter immediately following it in the English alphabetical order, and each consonant is changed to the letter immediately preceding it in the English alphabetical order. How many letters will appear exactly twice in the new group of letters thus formed?

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

Q.76 Select the pair which follows the same pattern as that followed by the two sets of pairs given below. Both pairs follow the same pattern.
TNM : XPJ
URL : YTI

- Ans**
- ☒ A. FUS : JWQ
 - ☒ B. LQX : PTU
 - ☒ C. HMK : LOH
 - ☒ D. EDO : IFK

Q.77 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
BHP 16 LRZ 25 VBJ 36 FLT 49 ?

- Ans**
- ☒ A. UDN 81
 - ☒ B. PVD 64
 - ☒ C. LCS 64
 - ☒ D. LXE 81

Q.78 Select the pair which follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

MLJ-LKI
XWU-WVT

- Ans**
- ☒ A. FDA-EDB
 - ☒ B. FDA-DCA
 - ☒ C. FEC-EDB
 - ☒ D. FEC-DDA

Q.79 Refer to the following letter series and answer the question. (Counting to be done from left to right only.)

(Left) G L Y N J Z U Q M F D E U S A B Y D V X P (Right)

How many such consonants are there, each of which is immediately preceded by a vowel and also immediately followed by a vowel?

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

Q.80 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. HDG
 - ☒ B. EAD
 - ☒ C. KGI
 - ☒ D. NJM

Q.81 Six boxes, Q, R, S, T, U and W, are kept one over the other, but not necessarily in the same order.

Only one box is kept between U and R. Only S is kept above W. No box is kept below R. T is kept at some place below Q.

Which box is kept immediately above T?

- Ans**
- ☒ A. Q
 - ☒ B. U
 - ☒ C. R
 - ☒ D. W

Q.82 In a certain code language, 'FIRE' is coded as '5279' and 'FEAR' is coded as '5427'. What is the code for 'A' in the given code language?

- Ans**
- ☐ A. 7
 - ☐ B. 5
 - ☐ C. 2
 - ☒ D. 4

Q.83 Riya starts from Point A and drives 4 km towards the south. She then takes a left turn, drives 8 km, turns left and drives 6 km. She then takes a left turn and drives 9 km. She takes a final left turn, drives 2 km and stops at Point P. How far (shortest distance) and towards which direction should she drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

- Ans**
- ☐ A. 3 km to the west
 - ☐ B. 2 km to the east
 - ☐ C. 4 km to the west
 - ☒ D. 1 km to the east

Q.84 Seven people F, G, H, L, M, O and Q are sitting around a circular table, facing the centre of the table. G sits to the immediate right of L. Only three people sit between O and M when counted from the left of O. Only three people sit between L and Q when counted from the right of Q. F is an immediate neighbor of Q as well as M. How many people sit between H and O when counted from the right of H?

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

Q.85 Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. Only three boxes are kept above C. Only one box is kept between F and C. Only three boxes are kept between F and E. E is kept at some place above C. G is kept immediately below E. B is kept at one of the places above D. A is not kept immediately above or below F. How many boxes are kept between B and G?

- Ans**
- ☒ A. 1
 - ☐ B. 4
 - ☐ C. 3
 - ☐ D. 2

Q.86 Seven people, T, E, A, R, I, N and G, are sitting in a row, facing north. Only three people sit to the left of R. Only G sits to the right of E. Only three people sit between E and A. I sits at some place to the left of T but at some place to the right of N. How many people sit between N and T?

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

Q.87 In a certain code language,
A + B means 'A is the son of B',
A – B means 'A is the brother of B',
A x B means 'A is the wife of B' and
A ÷ B means 'A is the father of B'.

Based on the above, how is S related to K if 'S – D x F + H ÷ K'?

- Ans**
- ☐ A. Wife's brother
 - ☐ B. Wife's father
 - ☐ C. Brother's wife's father
 - ☒ D. Brother's wife's brother

Q.88 If 'P' stands for '+', 'Q' stands for 'x', 'R' stands for '+' and 'D' stands for '-', then what will come in place of the question mark (?) in the following equation?

$$24 \text{ D } 32 \text{ P } 8 \text{ R } 26 \text{ Q } 2 \text{ D } 54 = ?$$

- Ans**
- ☒ A. 48
 - ☒ B. 18
 - ☒ C. 6
 - ☒ D. 24

Q.89 Seven boxes, G, H, I, J, Q, R and S, are kept one over the other, but not necessarily in the same order.
Only four boxes are kept between S and H. Only Q is kept above S. Only two boxes are kept between J and R. G is kept immediately above I. R is not kept immediately above G. How many boxes are kept above R?

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

Q.90 In a certain code language,

J – K means 'J is the father of K',
J + K means 'J is the mother of K',
J x K means 'J is the brother of K' and
J ÷ K means 'J is the sister of K'.

Based on the above, how is M related to R if 'M x N ÷ O + P – Q x R'?

- Ans**
- ☒ A. Husband's mother's brother
 - ☒ B. Mother's mother's brother
 - ☒ C. Father's mother's brother
 - ☒ D. Husband's father's brother

Q.91 Read the given statement(s) 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 statement(s).

Statements:
Some apples are baskets. All baskets are drums.
Conclusions:
(I) Some drums are apples.
(II) No drum is an apple.

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

Q.92 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 5 3 1 5 9 6 2 4 1 5 8 9 6 5 2 1 4 2 5 8 7 6 3 2 5 9 8 5 4 1 5 9 6 2 3 6 5 4 8 7 5 9 8 7 4 1 5 9 7 5 2 6 (Right)
How many such even digits are there, each of which is immediately preceded by an odd digit and also immediately followed by an odd digit?

- Ans**
- ☒ A. 13
 - ☒ B. 11
 - ☒ C. 7
 - ☒ D. 9

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. QO-VS
 - ☒ B. OM-TQ
 - ☒ C. SQ-XV
 - ☒ D. MK-RO

Q.94 What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$28 - 13 + 17 \div 43 \times 43 = ?$$

- Ans**
- ☒ A. 24
 - ☒ B. 26
 - ☒ C. 22
 - ☒ D. 25

Q.95 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

AVZ BWA CXB DYC ?

- Ans**
- ☒ A. MDP
 - ☒ B. EZD
 - ☒ C. LPR
 - ☒ D. WKF

Q.96 What should come in place of the '?' in the given series?

11 29 51 81 123 ?

- Ans**
- ☒ A. 195
 - ☒ B. 190
 - ☒ C. 185
 - ☒ D. 181

Q.97 Read the given statement(s) 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 statement(s).

Statements: All eggs are kings. Some kings are tickets.

Conclusion (I): All tickets are eggs.

Conclusion (II): Some eggs are tickets.

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

Q.98 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.)

(24, 11, 266)

(26, 13, 340)

- Ans**
- ☒ A. (13, 8, 104)
 - ☒ B. (25, 9, 227)
 - ☒ C. (23, 12, 274)
 - ☒ D. (27, 11, 295)

Q.99 If 2 is added to each odd digit and 2 is subtracted from each even digit in the number 621453, what will be the sum of all even digit in the new number thus formed?

- Ans**
- ☐ A. 8
 - ☐ B. 4
 - ☐ C. 2
 - ☒ D. 6

Q.100 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

MDG 36, PGK 40, SJO 44, VMS 48, ?

- Ans**
- ☐ A. YOW 54
 - ☐ B. XOY 54
 - ☐ C. XPV 52
 - ☒ D. YPW 52