



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

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



Test Date	09/05/2026
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 A sum of ₹2000 is invested at 20% compound interest per annum, compounded annually for 2 years. What is the compound interest earned at the end of 2 years?

- Ans
- ☒ A. ₹800
 - ☒ B. ₹880
 - ☒ C. ₹1000
 - ☒ D. ₹900

Q.2 The present age of Amit is twice that of his brother Sumit. Five years ago, the ratio of their ages was 5:2. What is Sumit's present age?

- Ans
- ☒ A. 8 years
 - ☒ B. 15 years
 - ☒ C. 20 years
 - ☒ D. 10 years

Q.3 A shirt's price is decreased from ₹200 to ₹180. What is the percentage decrease?

- Ans
- ☒ A. 5%
 - ☒ B. 15%
 - ☒ C. 10%
 - ☒ D. 20%

Q.4 If $\cos A = \frac{4}{5}$, find the value of $\frac{\sin^2 A - 5\cos^2 A + \sec^2 A}{\tan^2 A}$.

- Ans
- ☒ A. $-\frac{451}{225}$
 - ☒ B. $\frac{23}{225}$
 - ☒ C. $\frac{109}{225}$
 - ☒ D. $-\frac{511}{225}$

Q.5 The price of fuel decreases by 55%, 35% and 45% in three successive months, but increases by 40% in the fourth month. What is the percentage decrease in the price of fuel in the fourth month as compared to its original price? (Round off to 2 decimal places.)

- Ans**
- ☒ A. 77.48%
 - ☐ B. 81.67%
 - ☐ C. 76.52%
 - ☐ D. 73.05%

Q.6 The arithmetic mean of 25 observations is 32.6. If the arithmetic mean of the first 24 observations is 30, what is the 25th observation?

- Ans**
- ☐ A. 80
 - ☐ B. 90
 - ☒ C. 95
 - ☐ D. 85

Q.7 The fourth proportional to 4, 6, and 8 is m. The third proportional to 8 and m is n. What is the value of n?

- Ans**
- ☒ A. 18
 - ☐ B. 24
 - ☐ C. 16
 - ☐ D. 20

Q.8 A bus travels at a uniform speed of 54 km/hr. How many meters does it cover in 1 minute?

- Ans**
- ☐ A. 600 meters
 - ☐ B. 750 meters
 - ☐ C. 800 meters
 - ☒ D. 900 meters

Q.9 What sum (in ₹) will earn a simple interest of ₹1,440 in 2 years at 12% per year rate of interest?

- Ans**
- ☒ A. 6,000
 - ☐ B. 3,000
 - ☐ C. 345.6
 - ☐ D. 12,000

Q.10 A dishonest shopkeeper professes to sell his goods at a 35% loss but uses a false balance and gains 85%. The actual weight (rounded off to one decimal place) he uses for 1 kg is:

- Ans**
- ☐ A. 349.4 gm
 - ☐ B. 347.2 gm
 - ☒ C. 351.4 gm
 - ☐ D. 348.5 gm

Q.11 A motorist travels a certain journey in two stages. In the first stage, he travels for one-third of the total time at 30 km/hr. In the second stage, he travels for the rest of the time at 60 km/hr. He returns to the start at a uniform speed of 75 km/hr. What is the average speed for the entire round trip?

- Ans**
- ☒ A. 60 km/hr
 - ☐ B. 62 km/hr
 - ☐ C. 58 km/hr
 - ☐ D. 55 km/hr

Q.12 A square is drawn inside another square such that each vertex of the inner square lies at the midpoint of a side of the outer square. If the perimeter of the inner square is 40 cm, find the perimeter of the outer square.

- Ans**
- ☒ A. 40 cm
 - ☒ B. $20\sqrt{2}$ cm
 - ☒ C. $40\sqrt{2}$ cm
 - ☒ D. $80\sqrt{2}$ cm

Q.13 Simplify: $\left\{ \frac{15}{42} \div \frac{15}{3} \right\} \div \left(\frac{3}{10} \times \frac{20}{9} + \frac{5}{14} \right) + \frac{3}{6} \div \frac{43}{20}$ of $\frac{20}{6}$

- Ans**
- ☒ A. $\frac{6}{43}$
 - ☒ B. $\frac{14}{47}$
 - ☒ C. $\frac{11}{45}$
 - ☒ D. $\frac{4}{37}$

Q.14 Evaluate $22^3 + (-15)^3 + (-7)^3$

- Ans**
- ☒ A. 6981
 - ☒ B. 6826
 - ☒ C. 6930
 - ☒ D. 6929

Q.15 The base of a triangle is 18 cm and height is 20 cm. Find the height of another triangle of double the area having base 24 cm.

- Ans**
- ☒ A. 30 cm
 - ☒ B. 20 cm
 - ☒ C. 24 cm
 - ☒ D. 22 cm

Q.16 If the height at which a ladder touches the wall is the mean proportional between 6 meters and 24 meters, at what height does the ladder touch the wall?

- Ans**
- ☒ A. 16 meters
 - ☒ B. 14 meters
 - ☒ C. 18 meters
 - ☒ D. 12 meters

Q.17 Three numbers are in the ratio 4 : 3 : 13, and their LCM is 4524. Their HCF is:

- Ans**
- ☒ A. 45
 - ☒ B. 29
 - ☒ C. 49
 - ☒ D. 21

Q.18 Five friends participated in a cooking contest and scored 6, 8, 7, 9, and 5 out of 10, respectively. What is the arithmetic mean of their scores?

- Ans**
- ☒ A. 7
 - ☒ B. 8
 - ☒ C. 8.5
 - ☒ D. 6.5

Q.19 A shopkeeper marks a jacket at ₹2,000. He gives a 20% discount, but charges 5% GST on the discounted price. What is the final price the customer pays?

- Ans**
- ☒ A. ₹1,680
 - ☐ B. ₹1,880
 - ☐ C. ₹1,596
 - ☐ D. ₹1,700

Q.20 What is the third proportional to 0.25 and 0.15?

- Ans**
- ☐ A. 0.04
 - ☒ B. 0.09
 - ☐ C. 0.15
 - ☐ D. 0.02

Q.21 Find the value of k for which the expression $x^3 - 3x^2 - 7x - k$ will be divisible by $(x - 5)$.

- Ans**
- ☐ A. 5
 - ☐ B. -5
 - ☒ C. 15
 - ☐ D. -15

Q.22 A shopkeeper offers the following schemes on toys of the same marked price.
(A) Successive discounts of 34% and 37% on any number of toys bought.
(B) Successive discounts of 36%, 15% and 14% on any number of toys bought.
(C) 33% discount on the first 6 toys and 9% discount on each toy thereon.
(D) 3 toys free of cost on buying 9 toys.

A customer wants to buy 9 toys. Which of the above schemes is the least beneficial to her?

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

Q.23 Two taps can fill a cistern in 4 hours and 16 hours, respectively. A third tap can empty it in 4 hours. How long (in hours) will it take to fill one-fourth of the empty cistern if all the taps are opened together?

- Ans**
- ☒ A. 4
 - ☐ B. 12
 - ☐ C. 8
 - ☐ D. 16

Q.24 An amount of ₹120 is paid using ₹10, ₹5 and ₹2 coins. If the number of coins of ₹10 and ₹2 are interchanged, then the amount becomes ₹304. If the number of ₹5 and ₹2 coins are interchanged, then the amount is ₹165. How many ₹2 coins are used in the payment of ₹120?

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

Q.25 Add $\frac{11}{16}$ and 0.4375. What is the sum in decimal form?

- Ans**
- ☐ A. 1.208
 - ☐ B. 0.975
 - ☐ C. 0.958
 - ☒ D. 1.125

Q.26 A can complete a job in 9 days, while each of B and C can complete it in 18 days. All three start working together and work for x days. Then A leaves, and B and C together finish the remaining work in x days. Find the value of x.

- Ans**
- ☒ A. 4
 - ☒ B. 4.5
 - ☒ C. 3
 - ☒ D. 3.5

Q.27 The H.C.F. and L.C.M. of two numbers are 25 and 500, respectively. If the first number is divided by 2, the quotient is 50 and the remainder is zero. Find the second number.

- Ans**
- ☒ A. 50
 - ☒ B. 100
 - ☒ C. 125
 - ☒ D. 250

Q.28 A regular octagonal fountain has a circumradius of 10 m. Find the approximate length of each side.

- Ans**
- ☒ A. 6.13 m
 - ☒ B. 8.71 m
 - ☒ C. 7.65 m
 - ☒ D. 9.27 m

Q.29 A shopkeeper marks an article at 40% above the cost price and allows a discount of 25%. What is the percentage profit or loss?

- Ans**
- ☒ A. 15% profit
 - ☒ B. 5% profit
 - ☒ C. 15% loss
 - ☒ D. 5% loss

Q.30 Simplify: $30 + \{ -9 \times (26 - 13 + 5) \}$

- Ans**
- ☒ A. -135
 - ☒ B. -134
 - ☒ C. -132
 - ☒ D. -133

Section : General Awareness

Q.31 What target does India claim to have met by July 2025, as stated in the COP30 statement?

- Ans**
- ☒ A. Zero coal-based power plants
 - ☒ B. 25% of electricity from non-fossil sources
 - ☒ C. 100% renewable energy by 2030
 - ☒ D. 50% of installed power generation capacity from non-fossil sources

Q.32 The Rigveda mentions the terms *arya varna* and *dasa varna*. In the Early Vedic context, these terms indicate:

- Ans**
- ☒ A. Distinction between Vedic people and non-Vedic groups
 - ☒ B. Occupational guilds based on trade specialization
 - ☒ C. Fourfold caste hierarchy based strictly on birth
 - ☒ D. Political offices within tribal administration

Q.33 In December 2025, Orient Technologies announced a strategic partnership with which company to deliver advanced AI-powered SIEM capabilities across India?

- Ans**
- ☒ A. Securonix
 - ☐ B. Sophos Limited
 - ☐ C. ServiceNow
 - ☐ D. Digi Yatra

Q.34 Which Mughal emperor strengthened imperial authority by introducing the **Mansabdari system** and a **centralized bureaucracy**?

- Ans**
- ☐ A. Humayun
 - ☐ B. Muhammad Shah
 - ☐ C. Shah Jahan
 - ☒ D. Akbar

Q.35 In March 2025, Lenovo announced a partnership with which Indian AI firm to build India's largest AI supercomputer?

- Ans**
- ☐ A. AI4Bharat
 - ☐ B. QpiAI
 - ☒ C. Krutrim
 - ☐ D. L&T Semiconductor

Q.36 The Punchhi Commission (2007) was primarily constituted to examine and make recommendations regarding which provision of the Indian Constitution?

- Ans**
- ☒ A. Centre–State Relations
 - ☐ B. Fundamental Rights
 - ☐ C. Electoral Reforms in India
 - ☐ D. Directive Principles of State Policy

Q.37 The Vinaya Pitaka, one of the principal Buddhist texts, mainly focuses on which of the following?

- Ans**
- ☐ A. Meditative techniques and philosophy
 - ☒ B. Rules for monks and nuns
 - ☐ C. Cosmology and astrological systems
 - ☐ D. Stories of the Buddha's previous lives

Q.38 In 1905, the Swadeshi and Boycott movement was formally proclaimed in Bengal during a meeting held at:

- Ans**
- ☐ A. Nagpur Congress
 - ☐ B. Benaras Congress
 - ☒ C. Calcutta Town Hall
 - ☐ D. Dacca Town Square

Q.39 Which Indian state recorded the lowest child sex ratio (0–6 years) in the 2011 census?

- Ans**
- ☐ A. Punjab
 - ☐ B. Jammu & Kashmir
 - ☒ C. Haryana
 - ☐ D. Chandigarh

Q.40 Which Constitutional Article provides for establishment of Finance Commission of India every five years Constitutionally?

- Ans**
- ☐ A. Article 299
 - ☐ B. Article 291
 - ☐ C. Article 270
 - ☒ D. Article 280

Q.41 In semi-arid north-western India, intensified canal irrigation leads to rising soil salinity and falling crop yields. What best explains this, and what correction is required?

- Ans**
- ☐ A. Prolonged irrigation causes waterlogging; priority is shifting to drought-resistant crop varieties.
 - ☐ B. Cold canal water stresses crops physiologically; priority is regulating irrigation water temperature.
 - ☐ C. Excess irrigation washes nutrients downward; priority is increasing chemical fertiliser use.
 - ☒ D. Raised water table causes salt rise; priority is drainage improvement and salt leaching.

Q.42 The provision for organising village panchayats is mentioned under which Article of the Indian Constitution?

- Ans**
- ☐ A. Article 13
 - ☐ B. Article 50
 - ☒ C. Article 40
 - ☐ D. Article 37

Q.43 Which one of the following countries and India renewed their existing Kartarpur Corridor Agreement in October 2024?

- Ans**
- ☒ A. Pakistan
 - ☐ B. Bangladesh
 - ☐ C. China
 - ☐ D. Nepal

Q.44 In which year did the Indian Parliament enact the Fiscal Responsibility and Budget Management (FRBM) Act to promote fiscal prudence?

- Ans**
- ☐ A. 1991
 - ☒ B. 2003
 - ☐ C. 1998
 - ☐ D. 2005

Q.45 Which combination of keys closes the active applications of the computer?

- Ans**
- ☐ A. Alt Key + F8 Function Key
 - ☐ B. Alt Key + F1 Function Key
 - ☒ C. Alt Key + F4 Function Key
 - ☐ D. Alt Key + F6 Function Key

Q.46 Which tribal movement required the British to deploy troops from distant regions due to its intensity?

- Ans**
- ☐ A. The Bhil uprising in Khandesh marked by sporadic local resistance.
 - ☐ B. The Mappila revolt was confined to coastal fishing villages.
 - ☐ C. The Kol rebellion in Singhbhum challenged British authority.
 - ☒ D. The Santhal rebellion that ended with a limited military response

Q.47 What was the fundamental change introduced by the Extremist leaders in Indian nationalism?

- Ans**
- ☐ A. Support for cooperative political dialogue
 - ☐ B. Promotion of Western education
 - ☐ C. Emphasis on gradual constitutional reforms
 - ☒ D. Articulation of 'Swaraj' with radical methods

Q.48 What is the theme of the 24th World Sustainable Development Summit (WSDS 2025) organized by The Energy and Resources Institute (TERI)?

- Ans**
- ☐ A. "Biodiversity Conservation and Climate Resilience"
 - ☐ B. "Innovations for Carbon Neutrality"
 - ☐ C. "Green Technology for Future Economies"
 - ☒ D. "Partnerships for Accelerating Sustainable Development and Climate Solutions"

Q.49 Which of the following is the main function of system software?

- Ans**
- ☒ A. To manage computer hardware and run applications.
 - ☐ B. To browse the internet.
 - ☐ C. To edit images.
 - ☐ D. To create documents.

Q.50 Public Interest Litigation is an example of which doctrine?

- Ans**
- ☐ A. Judicial Review
 - ☒ B. Judicial Activism
 - ☐ C. Executive Action
 - ☐ D. Judicial Neutrality

Q.51 What was a significant reason behind the popularity of Tamil Bhakti hymns during the Chola rule?

- Ans**
- ☒ A. Their support from Vellala peasants and rulers
 - ☐ B. Their focus on the worship of local tribal deities
 - ☐ C. Their rejection of temple rituals
 - ☐ D. Their opposition to Vedic practices

Q.52 Which computer application category is most crucial for designing complex physical objects like cars, buildings, and machinery before they are built?

- Ans**
- ☐ A. Simulation Software
 - ☐ B. Data Management Systems
 - ☒ C. Computer-Aided Design (CAD)
 - ☐ D. Presentation Software

Q.53 In dicotyledonous plants, which type of root system consists of a main primary root that gives rise to lateral branches?

- Ans**
- ☐ A. Prop root system
 - ☐ B. Fibrous root system
 - ☒ C. Tap root system
 - ☐ D. Adventitious root system

Q.54 Basavanna, the 12th-century saint and pioneer of the Vachana movement, made significant contributions to the devotional literature of which language?

- Ans**
- ☐ A. Marathi
 - ☐ B. Oriya
 - ☐ C. Hindi
 - ☒ D. Kannada

Q.55 Which continent is known for being extremely cold and mostly covered in ice?

- Ans**
- ☐ A. North America
 - ☐ B. South America
 - ☐ C. Africa
 - ☒ D. Antarctica

Q.56 In which of the following Buddhist literatures are the rules of conduct for the monastic life mentioned?

- Ans**
- ☐ A. Sutta Pitaka
 - ☒ B. Vinaya Pitaka
 - ☐ C. Anguttara Nikaya
 - ☐ D. Abhidhamma Pitaka

Q.57 “Equality before law” and “equal protection of the laws” under fundamental rights are provided in which of the following provisions of the Constitution of India?

- Ans**
- ☒ A. Article 14
 - ☐ B. Article 15
 - ☐ C. Article 13
 - ☐ D. Article 16

Q.58 In the architecture of the Windows Operating System, which crucial component acts as the bridge between the application programs and the core hardware, operating in a protected mode to manage process scheduling, memory allocation, and interrupt handling?

- Ans**
- ☒ A. Kernel, which contains the executive services, process manager, and security reference monitor.
 - ☐ B. Win32 Subsystem, which translates instructions for 32-bit applications and manages display output.
 - ☐ C. Windows Shell (Explorer), which manages the desktop, taskbar, and file system user interface.
 - ☐ D. Hardware Abstraction Layer (HAL), which isolates the kernel from platform-specific hardware differences.

Q.59 What was India’s literacy rate according to the Census 2011 data?

- Ans**
- ☒ A. 74.04%
 - ☐ B. 79.40%
 - ☐ C. 70.00%
 - ☐ D. 64.83%

Q.60 In which of the following types of forest trees like spruce, fir and pine along with animals like lynx and moose are most likely to be found?

- Ans**
- ☐ A. Temperate deciduous forests
 - ☒ B. Coniferous forests
 - ☐ C. Alpine tundra
 - ☐ D. Tropical rainforests

Q.61 In India, which of the following institutions conducts Open Market Operations (OMOs) to manage money supply effectively?

- Ans**
- ☒ A. Reserve Bank of India (RBI)
 - ☐ B. National Bank For Agriculture And Rural Development (NABARD)
 - ☐ C. Every state-owned govt. bank
 - ☐ D. Securities and Exchange Board of India (SEBI)

Q.62 Which of the following natural regions is dominated by xerophytic or drought-resisting scrub with long roots, few or no leaves, and waxy or needle-shaped foliage?

- Ans**
- ☐ A. British type cool temperate region
 - ☐ B. Mediterranean woodland
 - ☐ C. Steppe grasslands
 - ☒ D. Hot desert (Sahara type) region

Q.63 What was the theme for World Leprosy Day 2025?

- Ans**
- ☐ A. "Beat Leprosy".
 - ☒ B. "Unite. Act. Eliminate."
 - ☐ C. "Act Now. End Leprosy."
 - ☐ D. "United for Dignity"

Q.64 Who is the author of the book "The Great Conciliator: Lal Bahadur Shastri and the Transformation of India," which was launched in April 2025?

- Ans**
- ☐ A. Rosie Thomas
 - ☐ B. Arun Singhal and Devendra Kumar Sharma
 - ☒ C. Sanjeev Chopra
 - ☐ D. P.S. Raman

Q.65 Which Indian player set a new world record for most sixes in ODI cricket with 352 in November 2025?

- Ans**
- ☐ A. Virat Kohli
 - ☐ B. Suryakumar Yadav
 - ☐ C. Shubham Gill
 - ☒ D. Rohit Sharma

Q.66 The conversion of chemical energy into electrical energy and then into light and thermal energy occurs in which of the following cases?

- Ans**
- ☐ A. When a fan rotates
 - ☐ B. When a candle burns
 - ☐ C. When water is boiled
 - ☒ D. When a flashlight is turned on

Q.67 What is the highest forum for discussion and debate on public issues and national policy in India?

- Ans**
- ☐ A. Supreme Court
 - ☒ B. Parliament
 - ☐ C. President's Office
 - ☐ D. Election Commission

Q.68 Why are lipids important in the cell membrane structure of living organisms?

- Ans**
- ☐ A. They store genetic information.
 - ☐ B. They catalyze biochemical reactions.
 - ☒ C. They form a barrier that controls what enters and leaves the cell.
 - ☐ D. They provide instructions for protein synthesis.

Q.69 When considering the dimensions of electric charge, which fundamental units must be combined to express it in terms of SI base quantities?

- Ans**
- ☐ A. length and time
 - ☐ B. mass and current
 - ☐ C. current and length
 - ☒ D. current and time

Q.70 Which of the following committees has focused on tax reforms in India?

- Ans**
- ☒ A. Malhotra Committee
 - ☒ B. Vijay L Kelkar Committee
 - ☒ C. Narasimham Committee
 - ☒ D. Rangarajan Committee

Section : General Intelligence and Reasoning

Q.71 What should come in place of '?' in the given series based on the English alphabetical order?

YKQ QCI IUA AMS ?

- Ans**
- ☒ A. SEK
 - ☒ B. RAD
 - ☒ C. KFY
 - ☒ D. PEG

Q.72 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.
LIES - ILSE - LSIE
FROG - RFGO - FGRO

- Ans**
- ☒ A. LUCK - UCLK - CLUK
 - ☒ B. PALE - ALEP - LEPA
 - ☒ C. SCAM - MSCA - AMSC
 - ☒ D. CUPS - UCSP - CSUP

Q.73 Each letter in the word KNIFERS is arranged in the English alphabetical order. How many letters are there in the English alphabetical order between the letter which is third from the left and the one which is third from the right in the new letter cluster thus formed?

- Ans**
- ☒ A. 4
 - ☒ B. 7
 - ☒ C. 3
 - ☒ D. 5

Q.74 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 pairs.)

- Ans**
- ☒ A. GK – YP
 - ☒ B. QU – IB
 - ☒ C. HL-ZS
 - ☒ D. WA-OH

Q.75 What should come in place of '?' in the given series?
45 ? 63 81 105 135

- Ans**
- ☒ A. 51
 - ☒ B. 53
 - ☒ C. 52
 - ☒ D. 54

Q.76 Dinesh starts from Point A and drives 20 km towards West. He then takes a left turn, drives 18 km, turns left and drives 21 km. He then takes a left turn and drives 28 km. He takes a final left turn, drives 1 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° turns only unless specified.)

- Ans**
- ☒ A. 11 km to the North
 - ☒ B. 10 km to the South
 - ☒ C. 11 km to the South
 - ☒ D. 10 km to the North

Q.77 Each vowel in the word WONDERLANDS 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. Which of the following letters will appear exactly twice in the group of letters thus formed?

- Ans**
- ☒ A. F
 - ☒ B. R
 - ☒ C. Q
 - ☒ D. M

Q.78 G is the father of Y. Y is the son of J. M is the brother of W. W is the son of J. How is G related to W?

- Ans**
- ☒ A. Brother
 - ☒ B. Husband
 - ☒ C. Father
 - ☒ D. Son

Q.79 If '+' means '-', '-' means 'x', 'x' means '÷', '÷' means '+', then what will come in place of the question mark (?) in the following equation?

$$21 - 4 \div 10 + 36 \times 4 = ?$$

- Ans**
- ☒ A. 89
 - ☒ B. 90
 - ☒ C. 85
 - ☒ D. 84

Q.80 If 'P' stands for '÷', 'Q' stands for 'x', 'R' stands for '+' and 'S' stands for '-', then what will come in place of the question mark (?) in the following equation?

$$40 R 16 P 4 S 3 Q 5 = ?$$

- Ans**
- ☒ A. 30
 - ☒ B. 32
 - ☒ C. 25
 - ☒ D. 29

Q.81 In a certain code language,
A x B means 'A is the father of B',
A ≠ B means 'A is the son of B',
A ÷ B means 'A is the daughter of B' and
A ₹ B means 'A is the sister of B'.

Based on the above, how is C related to M if 'C ÷ D ₹ E ≠ L x M'?

- Ans**
- ☒ A. Sister
 - ☒ B. Sister's daughter
 - ☒ C. Daughter
 - ☒ D. Mother's mother

Q.82 What should come in place of ? in the given series based on the English alphabetical order?
MNO PQR STU VWX ?

- Ans**
- ☒ A. YZA
 - ☐ B. YYZ
 - ☐ C. YZB
 - ☐ D. YAZ

Q.83 Seven boxes E, F, G, H, I, J and R are kept one over the other but not necessarily in the same order. Only two boxes are kept below E. Only one box is kept above R. Only one box is kept between R and H. G is kept immediately above J. F is kept at some place below I. How many boxes are kept between I and F?

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

Q.84 Refer to the following letter series and answer the question. (Counting to be done from left to right only.)
(Left) K D A Z Z X L E L A R A E P E Y U Z F U Q P (Right)
How many such vowels are there, each of which is immediately preceded by a consonant and also immediately followed by a consonant?

- Ans**
- ☐ A. 7
 - ☐ B. 8
 - ☐ C. 5
 - ☒ D. 6

Q.85 What should come in place of '?' in the given series?
92 109 143 194 262 ?

- Ans**
- ☐ A. 351
 - ☒ B. 347
 - ☐ C. 345
 - ☐ D. 349

Q.86 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 beads are chairs.
All beads are monks.

Conclusions:

(I) Some chairs are monks.
(II) All monks are beads.

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

Q.87 Seven boxes A, B, R, U, P, T and S are kept one over the other but not necessarily in the same order. Only four boxes are kept above U. Only one box is kept above R. Only one box is kept between R and A. S is kept immediately above T. P is kept at someplace below B. How many boxes are kept between B and S?

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

Q.88 KR 19 is related to NM 6 in a certain way. In the same way, MV 11 is related to PQ -2. To which of the following is CS 7 related, following the same logic?

- Ans**
- ☒ A. HJ -9
 - ☒ B. KL 7
 - ☒ C. GH 7
 - ☒ D. FN -6

Q.89 Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only one box is kept above C. A is not the topmost box. Only two boxes are kept below D. G is kept below D but above F. E is kept below A. How many boxes are kept between A and E?

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

Q.90 In the following triad, each group of letters is related to the subsequent one following a certain logic. Select, from the given options, the one which follows the same logic.
DENY - DYNE - YNED
HUGE - HEGU - EGUH

- Ans**
- ☒ A. CLOT - LCOT - TLOC
 - ☒ B. TURN - TRUN - NRUT
 - ☒ C. LOST - LTSO - TSOL
 - ☒ D. GROW - GRWO - ROWG

Q.91 If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 7281654, which of the following digits will be third from the left in the new number thus formed?

- Ans**
- ☒ A. 1
 - ☒ B. 3
 - ☒ C. 9
 - ☒ D. 7

Q.92 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. ROT
 - ☒ B. VSX
 - ☒ C. KHN
 - ☒ D. NKP

Q.93 Seven people F, G, H, L, M, O and Q are sitting in a row facing north. No one sits to the right of Q. O sits to the immediate left of Q. Only three people sit between Q and H. F sits third to the left of L. G sits to the immediate right of L. How many people sit between M and O?

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

Q.94 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 shackets are hats.
Some shackets are caps.

Conclusions:

(I) Some hats are caps.
(II) All caps are shackets.

- 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.95 Seven people F, G, H, L, M, O and Q are sitting in a row facing north. No one sits to the right of M. Only three people sit between O and M. Only one person sits between M and L. H sits to the immediate left of G. Q is not an immediate neighbor of M. How many people sit between F and H?

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

Q.96 In a certain code language, "ZCKU" is coded as "94" and "SAPI" is coded as "126". What is the code for "GXRB" in that given language?

- Ans**
- ☒ A. 120
 - ☒ B. 114
 - ☒ C. 127
 - ☒ D. 119

Q.97 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 one out is not based on the number of consonants/vowels or their position in the letter cluster.)

- Ans**
- ☒ A. XPH
 - ☒ B. MEO
 - ☒ C. EWO
 - ☒ D. ASK

Q.98 In a certain code language, 'NHJCR' is coded as '77' and 'QETLO' is coded as '61'. What is the code for 'PHASJ' in the given code language?

- Ans**
- ☒ A. 76
 - ☒ B. 70
 - ☒ C. 55
 - ☒ D. 52

Q.99 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.)

(12, 36, 3)

(15, 75, 5)

- Ans**
- ☒ A. (8, 56, 9)
 - ☒ B. (7, 72, 12)
 - ☒ C. (13, 188, 6)
 - ☒ D. (14, 56, 4)

Q.100 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

RNT KGM DZF WSY ?

- Ans**
- ☒ A. WKF
 - ☒ B. YFT
 - ☒ C. FPR
 - ☒ D. PLR