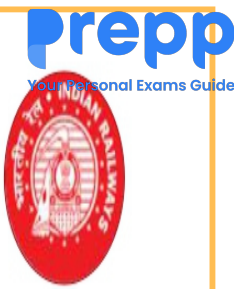




रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

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



Test Date	17/06/2026
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 An amount of ₹6,900 is obtained after 3 years at simple interest at the rate of 5% interest per annum. What is the principal invested?

- Ans
- ☒ A. ₹5,600
 - ☒ B. ₹6,000
 - ☒ C. ₹5,800
 - ☒ D. ₹6,400

Q.2 The present ages of two persons, X and Y, are in the ratio 4 : 5. Five years from now, the difference between X's age and Y's age will be 3 years. Find the sum of their present ages (in years).

- Ans
- ☒ A. 27
 - ☒ B. 25
 - ☒ C. 26
 - ☒ D. 24

Q.3 Article M is sold at a reduction of ₹3,000 from its original price, and Article N is sold at a reduction of ₹2,500 from its original price. If the original prices of both articles were ₹10,000, reduction in price of M is R1% and reduction in price of N is R2%, find the difference between R1 and R2.

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

Q.4 A delivery drone is hovering at a fixed point in the air. From two points on the ground in a straight line on opposite sides of the drone, the angles of elevation of the drone are 30° and 60° . If the horizontal distance between the two points is 94 m, find the vertical height at which the drone is hovering. (Take $\sqrt{3} = 1.73$)

- Ans
- ☒ A. 42.562 m
 - ☒ B. 40.752 m
 - ☒ C. 41.652 m
 - ☒ D. 40.655 m

Q.5 Find the third proportional to $(a^2 - b^2)$ and $(a + b)$, given that $a \neq b$.

- Ans
- ☒ A. $\frac{(a+b)}{(a-b)}$
 - ☐ B. $\frac{(a-b)}{(a+b)}$
 - ☐ C. $\frac{(a+b)^2}{(a-b)}$
 - ☐ D. $\frac{(a-b)^2}{(a+b)}$

Q.6 Simplify: $\left(\frac{10}{18}\right) \div \left(\frac{4}{9} \times \frac{18}{12} + \frac{5}{6}\right) + \frac{9}{9} \div \frac{27}{15}$ of $\frac{15}{9}$

- Ans
- ☐ A. $\frac{12}{11}$
 - ☐ B. $\frac{3}{10}$
 - ☐ C. $\frac{11}{1}$
 - ☒ D. $\frac{2}{3}$

Q.7 The diagonals of a rhombus are in the ratio 5 : 12 and its area is 240 cm². Find the lengths (in cm) of the diagonals.

- Ans
- ☒ A. $10\sqrt{2}$ and $24\sqrt{2}$
 - ☐ B. 10 and 24
 - ☐ C. $5\sqrt{2}$ and $12\sqrt{2}$
 - ☐ D. 5 and 12

Q.8 Three numbers are in the ratio 10 : 13 : 11, and their LCM is 2860. Their HCF is:

- Ans
- ☐ A. 9
 - ☒ B. 2
 - ☐ C. 3
 - ☐ D. 4

Q.9 The lengths of two rods are 4 cm and 6 cm. A third rod is made such that the three rods are in continued proportion. What will be the length of the third rod?

- Ans
- ☐ A. 12 cm
 - ☐ B. 10 cm
 - ☐ C. 8 cm
 - ☒ D. 9 cm

Q.10 A solid cylinder of radius 6 cm and height 14 cm is melted and recast into a hollow cylinder of half the height of the original cylinder. If the outer radius of the hollow cylinder is twice its inner radius, find the outer radius (in cm) of the hollow cylinder.

- Ans**
- ☒ A. 8
 - ☒ B. $4\sqrt{6}$
 - ☒ C. $6\sqrt{6}$
 - ☒ D. $8\sqrt{3}$

Q.11 The sides of a triangle are 51 cm, 35 cm, and 26 cm. What is the length (in cm) of its altitude corresponding to the side with a length of 35 cm?

- Ans**
- ☒ A. 60
 - ☒ B. 53
 - ☒ C. 40
 - ☒ D. 24

Q.12 What is the smallest number that must be added to 4583 so that the resulting number is divisible by 9?

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

Q.13 Mike, Connor and Floyd can finish a certain piece of work in 8, 22 and 33 days, respectively. All three of them started the work together. Mike left the work after 4 days and Connor left just 2 days before the work was completed. Find the total number of days taken for the work to be completed.

- Ans**
- ☒ A. 7.8
 - ☒ B. 18.9
 - ☒ C. 7.1
 - ☒ D. 3.8

Q.14 A trader sells an article at a profit of 16%. If he had sold it for ₹80 more, his profit would have been 48%. Find the number of articles sold, given that the total cost price is ₹8,000.

- Ans**
- ☒ A. 25
 - ☒ B. 32
 - ☒ C. 35
 - ☒ D. 38

Q.15 Subrata invested a certain amount of money at 10% per annum. After 2 years, he received ₹220.5 as compound interest, compounded annually. Find the corresponding simple interest (in ₹) for 2 years at the same rate.

- Ans**
- ☒ A. 195
 - ☒ B. 210
 - ☒ C. 200
 - ☒ D. 205

Q.16 Nisha noted the number 76488 in her register. What is the remainder when it is divided by 8?

- Ans**
- ☒ A. 0
 - ☒ B. 1
 - ☒ C. 3
 - ☒ D. 2

Q.17 Evaluate $20^3 + (-16)^3 + (-4)^3$

- Ans
- ☐ A. 3661
 - ☐ B. 3630
 - ☒ C. 3840
 - ☐ D. 3868

Q.18 A shopkeeper buys sugar at ₹25 per kg. He marks it at ₹32 per kg and allows a 20% discount on the marked price. While selling, he uses an 800 g weight instead of 1 kg. There is no other loss or expense. What is the overall profit or loss percentage of the shopkeeper?

- Ans
- ☐ A. 30% loss
 - ☐ B. 28% Loss
 - ☒ C. 28% profit
 - ☐ D. 30% profit

Q.19 A person spends 70% of his income. If his income increases by 20% and his expenditure increases by 25%, then find the percentage change in his savings.

- Ans
- ☐ A. $8\frac{1}{3}\%$ decrease
 - ☐ B. $7\frac{1}{4}\%$ increase
 - ☐ C. $6\frac{1}{4}\%$ decrease
 - ☒ D. $8\frac{1}{3}\%$ increase

Q.20 The number of hours spent per day by 10 students watching educational videos during a week are as follows:
2, 3, 4, 2, 5, 3, 2, 4, 2, 3. Find the mode.

- Ans
- ☒ A. 2 hours
 - ☐ B. 5 hours
 - ☐ C. 3 hours
 - ☐ D. 4 hours

Q.21 A shopkeeper offers the following schemes on toys of the same marked price.
(A) Successive discounts of 38% and 39% on any number of toys bought.
(B) Successive discounts of 42%, 38% and 20% on any number of toys bought.
(C) 11% discount on the first 2 toys and 42% discount on each toy thereon.
(D) 9 toys free of cost on buying 10 toys.
A customer wants to buy 10 toys. Which of the above schemes is the least beneficial to her?

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

Q.22 Inlet M fills a tank in 24 minutes and Inlet N fills it in 32 minutes. Outlet O drains the tank. When all three operate simultaneously, the tank fills in 32 minutes. How long does O take to drain a full tank alone?

- Ans
- ☐ A. 44 minutes
 - ☒ B. 24 minutes
 - ☐ C. 14 minutes
 - ☐ D. 34 minutes

Q.23 At a health club, 42% of the members are women and 58% of the members are men. If the average age of the men is 57 years and the average age of the women is 42 years, what is the average age (in years) of all the members?

- Ans**
- ☒ A. 50.7
 - ☐ B. 56.7
 - ☐ C. 57.6
 - ☐ D. 44.9

Q.24 Simplify: $(\sqrt{5} + \sqrt{20})^2$

- Ans**
- ☒ A. 45
 - ☐ B. 50
 - ☐ C. 65
 - ☐ D. 25

Q.25 If the ratio of the number of boys to girls in a class is 5:7 and the ratio of girls to teachers is 14:1, what is the ratio of boys to teachers?

- Ans**
- ☒ A. 10:1
 - ☐ B. 7:2
 - ☐ C. 5:2
 - ☐ D. 7:1

Q.26 Two trains of equal lengths cross a stationary pole in 12 seconds and 16 seconds, respectively. How long will it take for the trains to cross each other when running in opposite directions? (Write your answer rounded off to two decimal places.)

- Ans**
- ☐ A. 14.53 seconds
 - ☐ B. 12.61 seconds
 - ☐ C. 15.43 seconds
 - ☒ D. 13.71 seconds

Q.27 The ratio between the speeds of two trains is 5:8. If the second train covers 300 km in 3 hours, then find the speed of the first train.

- Ans**
- ☐ A. 63.8 km/h
 - ☒ B. 62.5 km/h
 - ☐ C. 65.2 km/h
 - ☐ D. 72.5 km/h

Q.28 Three ropes of lengths 54 m, 72 m and 90 m are to be cut into smaller pieces of equal lengths such that no rope is left over. What is the maximum possible length of each smaller piece?

- Ans**
- ☐ A. 24 m
 - ☒ B. 18 m
 - ☐ C. 36 m
 - ☐ D. 12 m

Q.29 A jacket with a marked price of ₹2,000 is sold for ₹1,530 after two successive discounts. If the first discount is 15%, what is the second discount percentage?

- Ans**
- ☐ A. 8%
 - ☐ B. 5%
 - ☐ C. 12%
 - ☒ D. 10%

Q.30 If twice the smaller of two numbers is added to three times the larger number, the result is 55. If the larger is increased by 5, it becomes twice the smaller. What is the larger number?

- Ans**
- ☐ A. 10.5
 - ☐ B. 12.75
 - ☐ C. 10.75
 - ☒ D. 12.5

Section : **General Awareness**

Q.31 When a stretched rubber band is released, its stored potential energy is converted into which form of energy?

- Ans**
- ☐ A. Hydraulic Energy
 - ☐ B. Chemical Energy
 - ☒ C. Kinetic Energy
 - ☐ D. Geothermal Energy

Q.32 Who was the winner of the 2024 Ramon Magsaysay Award from Indonesia?

- Ans**
- ☒ A. Farwiza Farhan
 - ☐ B. Dr. Nguyen Thi Ngoc Phuong
 - ☐ C. Hayao Miyazaki
 - ☐ D. Karma Phuntsho

Q.33 Which of the following pairs is formed inside limestone caves by deposition?

- Ans**
- ☐ A. Levees and meanders
 - ☒ B. Stalactites and stalagmites
 - ☐ C. Drumlins and eskers
 - ☐ D. Cirques and horns

Q.34 Which national organisation jointly launched the “Earth Summit 2025-26” along with Internet and Mobile Association of India (IAMAI) to empower rural innovation?

- Ans**
- ☐ A. Export-Import Bank of India (EXIM)
 - ☐ B. Small Industries Development Bank of India (SIDBI)
 - ☐ C. National Rural Livelihood Mission (NRLM)
 - ☒ D. National Bank for Agriculture and Rural Development (NABARD)

Q.35 Which type of agriculture is commonly practised in the wheat-producing regions of the USA and Canada?

- Ans**
- ☐ A. Intensive subsistence farming
 - ☐ B. Shifting cultivation
 - ☐ C. Plantation agriculture
 - ☒ D. Commercial grain farming

Q.36 Which of the following Vedas is known as the ‘Veda of Music’?

- Ans**
- ☒ A. Samaveda
 - ☐ B. Atharvaveda
 - ☐ C. Rigveda
 - ☐ D. Yajurveda

Q.37 Under which article can the president summon, prorogue, or dissolve either house of Parliament?

- Ans**
- ☐ A. Article 87
 - ☐ B. Article 79
 - ☐ C. Article 108
 - ☒ D. Article 85

Q.38 Which of the following is a Parliamentary committee?

- Ans**
- ☐ A. A committee formed by the President
 - ☐ B. A judicial panel of judges
 - ☐ C. A panel of civil servants
 - ☒ D. A panel of MPs selected by the House or Speaker

Q.39 The peeling of curved sheets from massive rocks due to temperature changes is known as:

- Ans**
- ☒ A. Exfoliation
 - ☐ B. Carbonation
 - ☐ C. Salt crystallisation
 - ☐ D. Abrasion

Q.40 A “.xlsx” file is created for:

- Ans**
- ☐ A. Text paragraphs
 - ☐ B. Sound editing
 - ☐ C. Booting the computer
 - ☒ D. Spreadsheet data

Q.41 The process by which water moves from the soil (high water concentration) into root cells (low water concentration) through a semi-permeable membrane is called ____.

- Ans**
- ☐ A. Diffusion
 - ☒ B. Osmosis
 - ☐ C. Plasmolysis
 - ☐ D. Active Transport

Q.42 By what percentage did rural poverty decline in India between 2005 and 2015 as a result of inclusive growth policies, according to the World Bank?

- Ans**
- ☐ A. 20%
 - ☐ B. 12%
 - ☐ C. 8%
 - ☒ D. 16%

Q.43 The Khajuraho group of temples was primarily built under which dynasty?

- Ans**
- ☒ A. Chandela
 - ☐ B. Rashtrakuta
 - ☐ C. Solanki
 - ☐ D. Gahadavala

Q.44 Which of the following Indian rivers is famous for its ‘badland topography’?

- Ans**
- ☒ A. Chambal
 - ☐ B. Ken
 - ☐ C. Ramganga
 - ☐ D. Gandak

Q.45 What prompted the Kol uprising in the Chhotanagpur region during 1831–32?

- Ans**
- ☐ A. The spread of famines caused by failures in rice-growing regions.
 - ☒ B. Transfer of tribal lands and intrusion of moneylenders and merchants.
 - ☐ C. Ban on local festivals perceived as a threat to public order.
 - ☐ D. Conscription of young men into British units for foreign service.

Q.46 What effect did reforms have on India's GDP growth rate?

- Ans**
- ☐ A. Decreased slowly
 - ☐ B. Fluctuated unpredictably
 - ☒ C. Increased significantly
 - ☐ D. No change

Q.47 Which of the following Schedules was added to the Constitution of India, to provide for the disqualification of the members of Parliament and the state legislatures on the ground of defection from one political party to another?

- Ans**
- ☐ A. Schedule XI
 - ☐ B. Schedule XII
 - ☐ C. Schedule IX
 - ☒ D. Schedule X

Q.48 Where did NATO announce increased military presence on January 18, 2025, following suspected sabotage of undersea infrastructure?

- Ans**
- ☐ A. Black Sea
 - ☐ B. Mediterranean Sea
 - ☒ C. Baltic Sea
 - ☐ D. North Sea

Q.49 Which Article gives religious denominations the authority to conduct their religious affairs?

- Ans**
- ☐ A. Article 24
 - ☒ B. Article 26
 - ☐ C. Article 27
 - ☐ D. Article 23

Q.50 Which edition of the Khelo India University Games is being held in Rajasthan starting November 24, 2025?

- Ans**
- ☐ A. Fourth
 - ☐ B. Sixth
 - ☒ C. Fifth
 - ☐ D. Third

Q.51 Which command-line tool is used in Windows to search for file names across directories without opening File Explorer?

- Ans**
- ☐ A. chkdsk
 - ☐ B. Tasklist
 - ☐ C. Ping
 - ☒ D. dir /s

Q.52 Which Indian naval ship is taking part in the Malabar exercise for the Quad Naval Drill in November 2025?

- Ans**
- ☐ A. INS Shivalik
 - ☒ B. INS Sahyadri
 - ☐ C. INS Kolkata
 - ☐ D. INS Vikrant

Q.53 During the Revolt of 1857, the villagers of pargana Barout in Uttar Pradesh rallied under the leadership of which local figure?

- Ans**
- ☒ A. Shah Mal
 - ☐ B. Gonoo Kol
 - ☐ C. Birjis Qadr
 - ☐ D. Nana Sahib

Q.54 What was the theme for International Women's Day 2025?

- Ans**
- ☐ A. Gender equality today for a sustainable tomorrow
 - ☒ B. For ALL Women and Girls: Rights. Equality. Empowerment
 - ☐ C. DigitALL: Innovation and technology for gender equality
 - ☐ D. Invest in Women: Accelerate Progress

Q.55 Which description best matches the purpose of the Startup apps tab in newer Windows Task Manager versions?

- Ans**
- ☐ A. Shows network connections for each app
 - ☐ B. Lists all installed applications
 - ☒ C. Manages which programs are allowed to start automatically when the user signs in
 - ☐ D. Displays system restore points

Q.56 What is a key feature of globalisation?

- Ans**
- ☐ A. Promotion of only domestic industries within national boundaries
 - ☐ B. Separation of national economies from global economic systems
 - ☒ C. Creation of networks across economic, social, and geographic boundaries
 - ☐ D. Reduction of international trade and cross-border economic linkages

Q.57 The Twenty-Ninth Amendment Act of 1972 included which of the following in the Ninth Schedule?

- Ans**
- ☐ A. Reservation in promotions
 - ☒ B. Two Kerala Acts on land reforms
 - ☐ C. Environmental protection laws
 - ☐ D. Special provisions for Mizoram

Q.58 The term 'Kriti' in Carnatic music refers to:

- Ans**
- ☒ A. a compositional lyric form
 - ☐ B. a melodic scale in music
 - ☐ C. a type of musical ornamentation
 - ☐ D. a rhythmic pattern

Q.59 At which place did Sher Shah first defeat Humayun in 1539?

- Ans**
- ☐ A. Gwalior
 - ☒ B. Chausa
 - ☐ C. Kannauj
 - ☐ D. Panipat

Q.60 Rangabati is a famous folk dance from which of the following states of India?

- Ans**
- ☐ A. Uttar Pradesh
 - ☐ B. West Bengal
 - ☒ C. Odisha
 - ☐ D. Gujarat

Q.61 Which one of the following combinations contributes to low population density?

- Ans**
- ☐ A. River valleys, floodplains, health clinics
 - ☒ B. Harsh climate, poor soil, few roads
 - ☐ C. Mild winters, abundant water, schools
 - ☐ D. Flat terrain, fertile soil, urban jobs

Q.62 Which of the following tunnels has been inaugurated in January 2026 to improve year-round connectivity between Sonamarg and Srinagar?

- Ans**
- ☒ A. Z-Morh tunnel
 - ☐ B. Pir Panjal tunnel
 - ☐ C. Atal tunnel
 - ☐ D. Nehru tunnel

Q.63 Which standard is commonly used for wired LANs?

- Ans**
- ☐ A. IEEE 802.16
 - ☐ B. IEEE 802.11
 - ☒ C. IEEE 802.3
 - ☐ D. IEEE 802.15

Q.64 Which of the following explains that during a chemical reaction, the sum of masses of the reactants and products remains unchanged?

- Ans**
- ☐ A. Law of Periodicity
 - ☐ B. Law of Definite Proportions
 - ☐ C. Law of Definite Composition
 - ☒ D. Law of Conservation of Mass

Q.65 The Chinese pilgrim Xuanzang (Hiuen Tsang) visited Kashmir during the reign of:

- Ans**
- ☐ A. Yashodharman
 - ☒ B. Durlabhavardhana
 - ☐ C. Harshavardhana
 - ☐ D. Pulakeshin II

Q.66 Which strategy was used by the British to regain control after initial rebel victories across northern India in the Revolt of 1857?

- Ans**
- ☐ A. Withdrawing British forces from major towns to avoid further confrontation.
 - ☐ B. Allowing the Mughal emperor to govern Delhi under strict British supervision.
 - ☐ C. Negotiating a settlement that restored regional rulers to their former positions.
 - ☒ D. Recapturing key centres, enacting new laws, and offering rewards to loyal chiefs.

Q.67 Which Article authorises municipalities to perform Twelfth Schedule functions introduced through this Constitutional Amendment Act?

- Ans**
- ☐ A. Article 243-ZC
 - ☐ B. Article 243-P
 - ☒ C. Article 243-W
 - ☐ D. Article 243-Q

Q.68 During an experiment, iron nails are placed in copper sulphate solution, and a reddish-brown deposit forms on the nails. What does this observation demonstrate about the type of chemical reaction and the substances involved?

- Ans**
- ☒ A. A double displacement reaction forms iron sulphate and copper sulphate
 - ☒ B. A displacement reaction occurs, forming copper metal on the iron nails
 - ☒ C. A decomposition reaction occurs, breaking copper sulphate into SO_2 and copper
 - ☒ D. A combination reaction occurs, creating iron sulphate crystals

Q.69 Who received the Chief of Army Staff Commendation Card from General Upendra Dwivedi on October 7, 2025?

- Ans**
- ☒ A. Amitabh Bachchan
 - ☒ B. Mohanlal
 - ☒ C. Hrithik Roshan
 - ☒ D. Akshay Kumar

Q.70 Which of the following sectors includes activities like trade, transport, and communication in India?

- Ans**
- ☒ A. Tertiary
 - ☒ B. Primary
 - ☒ C. Secondary
 - ☒ D. Quinary

Section : General Intelligence and Reasoning

Q.71 What should come in place of '?' in the given series?
4 4 8 12 16 28 32 ?

- Ans**
- ☒ A. 68
 - ☒ B. 62
 - ☒ C. 64
 - ☒ D. 60

Q.72 If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', then what will come in place of the question mark (?) in the following equation?

$$1 \text{ D } 40 \text{ A } 7 \text{ B } 7 \text{ C } 46 = ?$$

- Ans**
- ☒ A. 9
 - ☒ B. 8
 - ☒ C. 5
 - ☒ D. 7

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

- Ans**
- ☒ A. NRT
 - ☒ B. JNP
 - ☒ C. SWY
 - ☒ D. QUO

Q.74 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. MKI
 - ☒ B. QOM
 - ☒ C. CBY
 - ☒ D. BZX

Q.75 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
OKH 41, GCZ 47, YUR 53, QMJ 59, ?

- Ans**
- ☒ A. IDA 64
 - ☒ B. IJL 64
 - ☒ C. IEB 65
 - ☒ D. IFA 65

Q.76 What should come in place of '?' in the given series?

10 19 36 58 88 123 ?

- Ans**
- ☒ A. 171
 - ☒ B. 169
 - ☒ C. 175
 - ☒ D. 166

Q.77 FACN is related to LFIS in a certain way based on the English alphabetical order. In the same way, DUAH is related to JZGM. To which of the following options is VJSW related, following the same logic?

- Ans**
- ☒ A. BOBY
 - ☒ B. BYOB
 - ☒ C. BOYB
 - ☒ D. BBOY

Q.78 If 'P' stands for 'x', 'Q' stands for '+', 'R' stands for '-' and 'S' stands for '=', what will come in place of the question mark '?' in the following equation?

(96 Q 12) P 5 S (42 Q 7) P 8 R 12 P 5 = ?

- Ans**
- ☒ A. 34
 - ☒ B. 20
 - ☒ C. 28
 - ☒ D. 48

Q.79 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?
RTR 77 NPN 72 JIJ 67 FHF 62 ?

- Ans**
- ☒ A. BDB 57
 - ☒ B. BFK 56
 - ☒ C. BEA 57
 - ☒ D. BCA 56

Q.80 Raman ranked 25th from the top and 67th from the bottom in his class. How many students are there in his class?

- Ans**
- ☒ A. 90
 - ☒ B. 93
 - ☒ C. 92
 - ☒ D. 91

Q.81 Which two numbers should be interchanged to make the given equation correct?

$$(21 \times 2) \div 3 + 15 \times 5 - 19 \times 4 + 36 \div 7 \times 6 = 57$$

- Ans**
- ☒ A. 2 and 4
 - ☒ B. 5 and 6
 - ☒ C. 36 and 21
 - ☒ D. 4 and 5

Q.82 Seven people A, B, C, D, E, F and G are sitting around a circular table facing towards the centre of the table. E sits second to the left of F. A is sitting immediately between B and C. D sits to the immediate right of C. Who is sitting immediately between E and F?

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

Q.83 In a certain code language, 'SOAP' is coded as '5279' and 'ATOP' is coded as '4527'. What is the code for 'T' in the given code language?

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

Q.84 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) 9 3 1 2 6 8 4 5 3 9 7 2 4 5 1 8 2 3 5 9 8 5 7 3 5 6 (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. More than two
 - ☒ D. Two

Q.85 Refer to the following letter series and answer the question that follows. Counting to be done from left to right only.

(Left) U N E H W Y B X P E L Q R C G R U A Z R U (Right)

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

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

Q.86 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.
MEGA - EAGM - AGEM
TONS - OSNT - SNOT

- Ans**
- ☒ A. WEAR - WAER - RAEW
 - ☒ B. POND - OPND - DONP
 - ☒ C. KITE - IETK - ETIK
 - ☒ D. LEGS - ELGS - SEGL

Q.87 Seven boxes, M, N, O, P, Q, R and S, are kept one over the other, but not necessarily in the same order.
N is kept fourth from the top. Only two boxes are kept between N and S. Only P is kept above M. O is kept immediately above S. Q is kept on one of the positions after M but on one of the positions before N.
Which box is kept third from the bottom?

- Ans**
- ☒ A. Q
 - ☒ B. R
 - ☒ C. O
 - ☒ D. S

Q.88 In a certain code language, 'SAFE' is coded as '3698' and 'FACE' is coded as '5398'.
What is the code for 'S' in the given code language?

- Ans**
- ☒ A. 3
 - ☒ B. 9
 - ☒ C. 8
 - ☒ D. 6

Q.89 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: All Cobalt is Silver. No Silver is Vanadium.

Conclusion I: No Vanadium is Cobalt.

Conclusion II: Some Vanadium is Cobalt.

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

Q.90 Tanmay starts from Point Y and drives 23 km towards West. He then takes a right turn, drives 63 km, turns right and drives 31 km. He then takes a right turn and drives 27 km. He takes a right turn, drives 79 km. He then turns left, drives 36 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 west
 - ☒ B. 75 km towards east
 - ☒ C. 71 km towards west
 - ☒ D. 71 km towards east

Q.91 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

KE64, MC27, PZ8, ?

- Ans**
- ☒ A. TW1
 - ☒ B. SV1
 - ☒ C. TV1
 - ☒ D. TV8

Q.92 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.)

(53, 47, 35)
(117, 111, 99)

- Ans**
- ✓ A. (212, 206, 194)
 - ✗ B. (74, 68, 55)
 - ✗ C. (33, 27, 14)
 - ✗ D. (85, 76, 64)

Q.93 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 phones are irons. Some irons are vaults.

Conclusions (I) : No iron is a phone.

Conclusions (II) : Some phones are vaults.

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

Q.94 Seven boxes, G, H, I, J, K, L and M, are kept one over the other, but not necessarily in the same order.

Only three boxes are kept between M and J. I is kept third from the top. Only M is kept between H and I. Only K is kept below J. G is kept at one of the positions below M but not immediately above J.

Which box is kept third from the bottom?

- Ans**
- ✗ A. H
 - ✗ B. K
 - ✗ C. G
 - ✓ D. L

Q.95 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. ROS
 - ✗ B. XUY
 - ✗ C. NKO
 - ✓ D. LJM

Q.96 SF 19 is related to VA 6 in a certain way. In the same way, GG 16 is related to JB 3. To which of the following is KL 2 related, following the same logic?

- Ans**
- ✗ A. JI -12
 - ✗ B. KL -10
 - ✓ C. NG -11
 - ✗ D. HY -9

Q.97 Seven people, U, T, E, N, S, I and L, are sitting in a row, facing the north. Only two people sit to the left of N. Only three people sit between N and S. Only one person sits between S and E. I sits to the immediate left of L. U is not an immediate neighbor of S.
How many people sit to the right of T?

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

Q.98 G is the father of Y. Y is the brother of J. M is the father of W. W is the son of J. How is M related to G?

- Ans**
- ☒ A. Daughter's husband
 - ☒ B. Father
 - ☒ C. Brother
 - ☒ D. Daughter's son

Q.99 Each letter in the word HARMFUL is arranged in the English alphabetical order. How many letters are there in the English alphabetical order between the letter which is second from the left and the one which is first from the right in the new letter cluster thus formed?

- Ans**
- ☒ A. 15
 - ☒ B. 17
 - ☒ C. 14
 - ☒ D. 13

Q.100 In a certain code language,
A ? B means 'A is the wife of B',
A @ B means 'A is the mother of B',
A : B means 'A is the father of B' and
A + B means 'A is the daughter of B'.

How is M related to H if 'M + A @ R ? C : H'?

- Ans**
- ☒ A. Mother's brother
 - ☒ B. Mother's father
 - ☒ C. Mother's daughter
 - ☒ D. Mother's sister