



रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

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



Test Date	08/05/2026
Test Time	12:45 PM - 2:15 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 The average of 5 consecutive integers is 10. What is the smallest integer?

Ans ☒ A. 8

☐ B. 9

☐ C. 6

☐ D. 7

Q.2 A man is walking at 4 km/hr. A 180 m long train crosses him in 12 seconds while coming from the opposite direction. What is the speed of the train (in km/hr)?

Ans ☐ A. 32

☒ B. 50

☐ C. 61

☐ D. 45

Q.3 Ram has ₹1000 in the denomination of ₹10, ₹20 and ₹5 notes. If the number of ₹10 notes is 16 more than that of ₹20 notes and the number of ₹5 notes is twice the number of ₹20 notes, find the total number of notes that Ram has.

Ans ☐ A. 90

☐ B. 120

☐ C. 80

☒ D. 100

Q.4 At present, a father is 30 years older than his son. In 12 years, the father will be three times as old as his son. What is the present age of the son?

Ans ☐ A. 4 years

☐ B. 5 years

☐ C. 6 years

☒ D. 3 years

Q.5 If $x = \sqrt{225} + \sqrt{484}$, what is the value of $x^2 - [(\sqrt{225})^2 + (32)^2]$?

Ans ☐ A. 0

☐ B. 484

☒ C. 120

☐ D. 100

Q.6 In a science experiment, chemicals X, Y, and Z are mixed in the ratio 5:2:3. If the total weight of the mixture is 100 grams, how much of chemical Y is present?

- Ans**
- ☐ A. 10 grams
 - ☐ B. 50 grams
 - ☒ C. 20 grams
 - ☐ D. 30 grams

Q.7 The angle of elevation of the top of a tree from a point on the ground is 30° . After moving 10 m towards the tree, the angle of elevation becomes 60° . Find the height of the tree.

- Ans**
- ☐ A. $6\sqrt{3}$ m
 - ☐ B. $3\sqrt{3}$ m
 - ☐ C. $4\sqrt{3}$ m
 - ☒ D. $5\sqrt{3}$ m

Q.8 Two solid hemispheres are joined together to make a sphere. The total surface area of solids reduced by approximately ____%.

- Ans**
- ☐ A. 25
 - ☐ B. 50
 - ☐ C. 66.67
 - ☒ D. 33.33

Q.9 Two trains, A and B, start simultaneously from stations Delhi and Mumbai respectively towards each other on parallel tracks. After meeting, train A takes 16 hours to reach Mumbai, and train B takes 9 hours to reach Delhi. If train A's speed is 60 km/h, what is the length of train B (in meters), given that it crosses a pole in 18 seconds?

- Ans**
- ☐ A. 280
 - ☐ B. 420
 - ☐ C. 300
 - ☒ D. 400

Q.10 What is the arithmetic mean of the dataset {12, 25, 37, 48, 56, 61, 73, 85, 92, 104}?

- Ans**
- ☐ A. 56.3
 - ☐ B. 57.3
 - ☒ C. 59.3
 - ☐ D. 58.3

Q.11 The value of $\frac{(2.3)^3 + (1.5)^3 + (1.2)^3 - 3 \times 2.3 \times 1.5 \times 1.2}{(2.3)^2 + (1.5)^2 + (1.2)^2 - 2.3 \times 1.5 - 1.5 \times 1.2 - 1.2 \times 2.3}$ is equal to:

- Ans**
- ☐ A. 2
 - ☐ B. 1
 - ☒ C. 5
 - ☐ D. 4

Q.12 The expenditures of R are 65% of his salary. If his salary increased by 10% and his savings are ₹3,150 more than previous savings, his expenditures are now 60% of his salary. His present salary is ₹_____.

- Ans**
- ☐ A. 37,500
 - ☐ B. 35,000
 - ☐ C. 39,000
 - ☒ D. 38,500

Q.13 Lekhraj sells an article at a profit of 25%. If the cost price is increased by 20% and the selling price is reduced by 10%, what percentage loss will Lekhraj incur?

- Ans**
- ☒ A. 6.25%
 - ☐ B. 6.5%
 - ☐ C. 7.25%
 - ☐ D. 7.5%

Q.14 Three numbers are in the ratio 17 : 13 : 8, and their LCM is 7072. Their HCF is:

- Ans**
- ☐ A. 23
 - ☐ B. 3
 - ☐ C. 12
 - ☒ D. 4

Q.15 The 5-digit number 7a35b is divisible by 45, where a and b are positive integers. What is the value of (a + b)?

- Ans**
- ☐ A. 7
 - ☐ B. 14
 - ☐ C. 5
 - ☒ D. 12

Q.16 Yogesh invested a certain sum of money at 10% per annum. After 2 years, he received ₹147 as compound interest, compounded annually. Find the corresponding simple interest (in ₹) for 2 years at the same rate.

- Ans**
- ☒ A. 140
 - ☐ B. 130
 - ☐ C. 135
 - ☐ D. 125

Q.17 The enrolment of students in an institution increased by 10% in April compared to the number of students in March and then decreased by 5%, resulting in 1045 students in June. Find the number of students in March.

- Ans**
- ☐ A. 1050
 - ☐ B. 900
 - ☐ C. 1085
 - ☒ D. 1000

Q.18 Evaluate $20^3 + (-9)^3 + (-11)^3$

- Ans**
- ☒ A. 5940
 - ☐ B. 6015
 - ☐ C. 5934
 - ☐ D. 5992

Q.19 The difference between a discount of 35% and two successive discounts of 20% and 15% on a certain marked price is ₹70. Find the marked price (rounded off to the nearest integer).

- Ans**
- ☐ A. ₹2,433
 - ☒ B. ₹2,333
 - ☐ C. ₹2,467
 - ☐ D. ₹2,367

Q.20 Two taps can fill a cistern in 4 hours and 8 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. 8
 - ☐ B. 4
 - ☐ C. 6
 - ☒ D. 2

Q.21 If 9 workers can build a wall in 12 days, how many days will 6 workers take to build the same wall, assuming they work at the same rate?

- Ans**
- ☐ A. 17
 - ☐ B. 15
 - ☐ C. 16
 - ☒ D. 18

Q.22 Pooja gets a discount of 17% on a dryer whose marked price is ₹2,000. Since she pays by credit card, she gets an additional 10% discount. How much does she pay (in ₹)?

- Ans**
- ☐ A. 1,495
 - ☐ B. 1,493
 - ☐ C. 1,491
 - ☒ D. 1,494

Q.23 Find the value of m which satisfies

$$\left(\frac{19}{10}\right)^7 \times \left(\frac{10}{19}\right)^6 \times \left(\frac{19}{10}\right)^{10} = \left(\frac{10}{19}\right)^{6m+18}.$$

- Ans**
- ☐ A. $-\frac{27}{6}$
 - ☒ B. $-\frac{29}{6}$
 - ☐ C. $-\frac{38}{6}$
 - ☐ D. $-\frac{20}{6}$

Q.24 A park is designed in the shape of a right-angled triangle, where the two shorter sides measure 13 m and 84 m. A circular track with a uniform width of 2 m is constructed such that its outer boundary coincides with the circumcircle of the triangular park. Determine the perimeter of the inner boundary of this circular track.

- Ans**
- ☐ A. 89π m
 - ☐ B. 85π m
 - ☒ C. 81π m
 - ☐ D. 82π m

Q.25 A sum of ₹25,000 is invested at 2% per annum compounded annually. Find the compound interest after 2 years.

- Ans**
- ☐ A. ₹1,130
 - ☐ B. ₹1,230
 - ☒ C. ₹1,010
 - ☐ D. ₹1,050

Q.26 If the third proportional to 4 and 6 is used as the base of a rectangle, and the first number (4) is its height, what is the area of the rectangle?

- Ans**
- ☒ A. 24 unit²
 - ☒ B. 36 unit²
 - ☒ C. 30 unit²
 - ☒ D. 48 unit²

Q.27 If x is the mean proportional between (a+b) and (a-b), then find the value of x.

- Ans**
- ☒ A. $\sqrt{a^2 - b^2}$
 - ☒ B. $\sqrt{a^2 + b^2}$
 - ☒ C. $\sqrt{a + b}$
 - ☒ D. $\sqrt{a - b}$

Q.28 A shopkeeper offers the following schemes on toys of the same marked price.

- (A) Successive discounts of 35% and 4% on any number of toys bought.
 (B) Successive discounts of 45%, 46% and 50% on any number of toys bought.
 (C) 15% discount on the first 3 toys and 5% discount on each toy thereon.
 (D) 2 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. B
 - ☒ B. D
 - ☒ C. A
 - ☒ D. C

Q.29 Find the measure of the unknown interior angle in an irregular hexagon with angles 140°, 80°, 145°, 155°, and 100°.

- Ans**
- ☒ A. 105°
 - ☒ B. 110°
 - ☒ C. 100°
 - ☒ D. 120°

Q.30 A keg is fitted with three taps A, B and C. If opened together, all the three taps will drain the full keg in $1\frac{1}{2}$ minutes. Taps A and B together take 3 minutes to drain the keg while taps B and C together take $4\frac{1}{2}$ minutes to drain it. How long (in minutes) taps A and C together take to drain the keg?

- Ans**
- ☒ A. $\frac{4}{9}$
 - ☒ B. $\frac{9}{7}$
 - ☒ C. $\frac{4}{7}$
 - ☒ D. $\frac{5}{7}$

Section : General Awareness

Q.31 Which of the following regions, ruled by the Maukharis, gradually replaced Pataliputra as a political centre of North India?

- Ans**
- ☒ A. Kannauj
 - ☒ B. Thanesar
 - ☒ C. Patna
 - ☒ D. Allahabad

Q.32 A doctor prescribes a lens with a power of $P = -2.5$ D to a patient. This lens is _____.
Ans ☒ A. A convex lens, used to correct Hypermetropia.
☒ B. A convex lens, used to correct Myopia.
☒ C. A concave lens, used to correct Hypermetropia.
☒ D. A concave lens, used to correct Myopia.

Q.33 According to Joule's law of heating, heat produced in a resistor is expressed by which relation?
Ans ☒ A. $H = I^2 R t$
☒ B. $H = V t$
☒ C. $H = V / I$
☒ D. $H = I R$

Q.34 What is the primary goal of the Energy Conservation Act (EC Act) of 2001, enacted by the Government of India?
Ans ☒ A. To encourage the use of hydrocarbons
☒ B. To increase CO2 emissions
☒ C. To reduce energy intensity in the Indian economy
☒ D. To promote renewable energy sources

Q.35 Which of the following dance forms originated in the temples of Odisha and often depicts the divine love of Radha and Krishna?
Ans ☒ A. Dalkhai
☒ B. Odissi
☒ C. Ghumura dance
☒ D. Karam

Q.36 What is the theme of the 18th Pravasi Bharatiya Divas 2025?
Ans ☒ A. Diaspora's contribution to a Viksit Bharat
☒ B. Global Indians for Atmanirbhar Bharat
☒ C. Diaspora and Digital India
☒ D. Connecting the Indian Diaspora

Q.37 In December 2025, which of the following companies introduced "Aantriva", an AI-enabled platform to improve agri-food supply-chain visibility?
Ans ☒ A. Tech Mahindra
☒ B. Ayekart
☒ C. Alliance Broadband Services Pvt. Ltd.
☒ D. Syngenta

Q.38 'The Mango Season' is a book written by _____ and is a story of an Indian woman of modern India.
Ans ☒ A. Alka Joshi
☒ B. Sandhya Menon
☒ C. Sara Desai
☒ D. Amulya Malladi

Q.39 Who among the following was a prominent Moderate leader of the Indian National Congress?
Ans ☒ A. Pherozeshah Mehta
☒ B. Subhas Chandra Bose
☒ C. Bal Gangadhar Tilak
☒ D. Bhagat Singh

Q.40 Which of the following correctly describes eutrophication?

Ans

- ☐ A. Neutralisation of acidic water by dissolved minerals
- ☐ B. Mixing of cold and warm water currents in oceans
- ☒ C. Enrichment of water with nutrients leading to excessive algal growth
- ☐ D. Accumulation of non-biodegradable chemicals at higher trophic levels

Q.41 Which deity was worshipped as the chief female deity in Harappan culture?

Ans

- ☐ A. Saraswati
- ☐ B. Lakshmi
- ☐ C. Durga
- ☒ D. Mother Goddess

Q.42 Which of the following is the most widely used irrigation method in India?

Ans

- ☒ A. Surface irrigation
- ☐ B. Subsurface irrigation
- ☐ C. Drip irrigation
- ☐ D. Sprinkler irrigation

Q.43 During which of the following revolutions in India did planned investment in horticulture become highly productive, leading to the emergence of the sector as a sustainable livelihood option?

Ans

- ☒ A. Golden revolution
- ☐ B. Blue revolution
- ☐ C. White revolution
- ☐ D. Green revolution

Q.44 Krishna Basin mainly extends over which of the following groups of states?

Ans

- ☐ A. Maharashtra, Madhya Pradesh and Chhattisgarh
- ☒ B. Maharashtra, Karnataka and Andhra Pradesh
- ☐ C. Maharashtra, Odisha and Karnataka
- ☐ D. Maharashtra, Gujarat and Madhya Pradesh

Q.45 Which of the following economic models formed the basis of the Second Five-Year Plan?

Ans

- ☐ A. Neo-classical minimal-state model
- ☐ B. Market-led export model
- ☒ C. Mahalanobis heavy-industry model
- ☐ D. Agrarian cooperative model

Q.46 In the process of ecological succession, the entire sequence of communities that successively change in a given area are called _____.

Ans

- ☐ A. Climax
- ☐ B. Ecesis
- ☒ C. Sere
- ☐ D. Invasion

Q.47 Which of the following was the first electro-mechanical computer?

Ans

- ☒ A. Mark I
- ☐ B. ENIAC
- ☐ C. EDVAC
- ☐ D. UNIVAC

Q.48 Which category of beneficiaries is eligible for ₹1 lakh under Telangana's Revanth Anna ka Sahara-Miskeen la Kosam scheme launched in September 2025?

- Ans**
- ☒ A. Economically weak Muslim families
 - ☐ B. Minority teachers in private institutions
 - ☐ C. Overseas migrant workers from Telangana
 - ☐ D. Tribal self-help groups

Q.49 Which of the following was NOT recommended by the 73rd Indian Constitutional Amendment Act?

- Ans**
- ☒ A. Establishment of Finance Commission of India
 - ☐ B. Establishment of Zila panchayat at district level
 - ☐ C. Establishment of a three-tier structure
 - ☐ D. Establishment of State Finance Commissions

Q.50 The fibrous root system, in which the primary root is short-lived and replaced by numerous adventitious roots, is a characteristic feature of which group of plants?

- Ans**
- ☐ A. Dicotyledonous
 - ☒ B. Monocotyledonous
 - ☐ C. Gymnosperms
 - ☐ D. Pteridophytes

Q.51 As per RTI Rules 2012, a person below poverty line is liable to pay what amount as application fee to file an RTI?

- Ans**
- ☒ A. No payment
 - ☐ B. ₹2
 - ☐ C. ₹10
 - ☐ D. ₹5

Q.52 Which community lost its constitutional provision of nominated representation in legislatures through the 104th Amendment Act?

- Ans**
- ☐ A. Scheduled Tribes
 - ☐ B. Jains
 - ☒ C. Anglo-Indians
 - ☐ D. Scheduled Castes

Q.53 Which memory is fastest and located very close to the CPU?

- Ans**
- ☐ A. Pen Drive
 - ☐ B. Hard Disk
 - ☒ C. Cache Memory
 - ☐ D. CD-ROM

Q.54 Which of the following is an example of General-Purpose Software?

- Ans**
- ☐ A. Accounting Software made for a company
 - ☒ B. LibreOffice Calc
 - ☐ C. School Management Software
 - ☐ D. A Customized Website

Q.55 The 3rd Trilateral Consultations between India, Iran and Armenia was held at which place in September 2025?

- Ans**
- ☒ A. Tehran
 - ☐ B. Yerevan
 - ☐ C. New Delhi
 - ☐ D. Mumbai

Q.56 'Effect of Proclamation of Emergency' is explicitly provided in which of the following provisions of the Constitution of India?

- Ans**
- ☒ A. Article 350
 - ☒ B. Article 353
 - ☒ C. Article 256
 - ☒ D. Article 252

Q.57 Which of the following countries has one of the highest population densities?

- Ans**
- ☒ A. Australia
 - ☒ B. India
 - ☒ C. Canada
 - ☒ D. Russia

Q.58 Which Article of the Indian Constitution empowers the Parliament to make grants to the States which are in need of financial assistance?

- Ans**
- ☒ A. Article 275
 - ☒ B. Article 285
 - ☒ C. Article 265
 - ☒ D. Article 255

Q.59 How did Aurobindo Ghosh contribute to the extremist phase of the Indian national movement?

- Ans**
- ☒ A. Organising revolutionary activities based on socialist and labour ideologies
 - ☒ B. Leading peasant movements focused on agrarian tax reduction campaigns
 - ☒ C. Promoting passive resistance and boycott by linking nationalism with spiritual ideals
 - ☒ D. Promoting constitutional agitation through petitions and legislative reforms

Q.60 Which of the following subjects was addressed by the 42nd Constitutional Amendment, granting Parliament the authority to establish tribunals?

- Ans**
- ☒ A. Service conditions of public servants
 - ☒ B. Religious disputes
 - ☒ C. Election disputes of states only
 - ☒ D. Judicial review of laws made by high court

Q.61 Gopal Krishan Gokhale went to England in 1897 to give evidence before which commission?

- Ans**
- ☒ A. Welby Commission
 - ☒ B. Fraser Commission
 - ☒ C. Hunter Commission
 - ☒ D. Raleigh Commission

Q.62 Which of the following is NOT a prominent language of the Indo-Aryan family?

- Ans**
- ☒ A. Bengali
 - ☒ B. Kurukh
 - ☒ C. Hindi
 - ☒ D. Urdu

Q.63 The Goa Carnival is primarily associated with which of the following cultural or religious traditions?

- Ans**
- ☒ A. Christian tradition
 - ☒ B. Jewish traditions
 - ☒ C. Buddhist tradition
 - ☒ D. Persian traditions

Q.64 Which international health day was celebrated on November 14, 2025?

- Ans**
- ☐ A. World Malaria Day
 - ☒ B. World Diabetes Day
 - ☐ C. World Hypertension Day
 - ☐ D. World Health Day

Q.65 What is the function of the keyboard shortcut Alt + F10?

- Ans**
- ☐ A. Closes the document
 - ☐ B. Maximizes the current window
 - ☐ C. Opens the Help menu
 - ☒ D. Selects the active tab on the Ribbon and shows access keys

Q.66 Which of the following types of weathering is common in areas with large temperature differences between day and night?

- Ans**
- ☐ A. Solution
 - ☐ B. Oxidation
 - ☐ C. Carbonation
 - ☒ D. Exfoliation

Q.67 What was the impact of the 1990s' reforms on India's economic growth?

- Ans**
- ☐ A. They had no significant impact.
 - ☐ B. They caused economic instability.
 - ☐ C. They resulted in economic stagnation.
 - ☒ D. They led to more sustainable growth.

Q.68 The winner of the Nobel Prize in Literature for 2025, author László Krasznahorkai, belongs to which country?

- Ans**
- ☐ A. Serbia
 - ☐ B. Slovakia
 - ☐ C. Romania
 - ☒ D. Hungary

Q.69 On 16 September 2025, **World Ozone Day** was observed under which theme?

- Ans**
- ☐ A. Ozone for Life
 - ☐ B. Global Cooperation Protecting Life on Earth
 - ☒ C. From Science to Global Action
 - ☐ D. Montreal Protocol: Our Shield, Our Future

Q.70 Which of the following country will host the 2025 United Nations Ocean Conference?

- Ans**
- ☐ A. Portugal
 - ☐ B. South Africa
 - ☐ C. Barbados
 - ☒ D. France

Section : General Intelligence and Reasoning

Q.71 Jay ranked 12th from the bottom and 9th from the top in his class. How many students are there in his class?

- Ans**
- ☐ A. 17
 - ☐ B. 18
 - ☐ C. 19
 - ☒ D. 20

Q.72 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.

TREK - RTEK - KRTE
MAPS - AMPS - SAMP

- Ans**
- ☒ A. OPEN - OEPN - NEPO
 - ☒ B. MANY - AMNY - YANM
 - ☒ C. SIDE - ISDE - IDES
 - ☒ D. WISE - IWSE - EIWS

Q.73 If 1 is added to each odd digit and 1 is subtracted from each even digit in the number 47321568, which of the following digits will be first from the left in the new number thus formed?

- Ans**
- ☒ A. 5
 - ☒ B. 3
 - ☒ C. 8
 - ☒ D. 7

Q.74 Akshay starts from Point A and drives 12 km towards the north. He then takes a right turn, drives 15 km, turns right and drives 17 km. He then takes a right turn and drives 18 km. He takes a final right turn, drives 5 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-degree turns only unless specified.)

- Ans**
- ☒ A. 4 km to the west
 - ☒ B. 2 km to the east
 - ☒ C. 3 km to the east
 - ☒ D. 5 km to the west

Q.75 What should come in place of the question mark (?) in the given series to make it logically complete?

ON35, MP44, KR53, ?

- Ans**
- ☒ A. JT65
 - ☒ B. JU62
 - ☒ C. IT62
 - ☒ D. IU63

Q.76 Seven boxes F, A, C, T, O, R and S are kept one over the other but not necessarily in the same order. Only two boxes are kept below A. Only three boxes are kept between T and A. Only one box is kept between S and R. R is kept immediately above A. Only four boxes are kept between S and F. O is kept at someplace above C. How many boxes are kept below O?

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

Q.77 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.)

54, 110
56, 114

- Ans**
- ☒ A. 48, 96
 - ☒ B. 62, 126
 - ☒ C. 58, 120
 - ☒ D. 45, 90

Q.78 If '+' means '-', '-' means 'x', 'x' means '÷', '÷' means '+', then what will come in place of the question mark (?) in the following equation?

$$18 - 3 \div 9 + 15 \times 3 = ?$$

- Ans**
- ☒ A. 50
 - ☒ B. 57
 - ☒ C. 58
 - ☒ D. 49

Q.79 Seven boxes I, J, K, M, N, P and Q are kept one over the other but not necessarily in the same order. Only three boxes are kept between box K and box P. Only one box is kept between box I and box P, where box I is kept at the topmost position. Box N is kept immediately above box Q. Only two boxes are kept between box N and box M. Which box is kept fourth from the top?

- Ans**
- ☒ A. P
 - ☒ B. Q
 - ☒ C. J
 - ☒ D. N

Q.80 Seven people, L, V, H, D, E, F and T, are sitting in a row, facing north. Only four people sit to the right of D. V sits fourth from the left end. E is the immediate neighbour of H and T. F sits third to the left of T. How many people sit between L and H?

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

Q.81 In a certain code language,
'A @ B' means 'A is the mother of B',
'A & B' means 'A is the husband of B',
'A # B' means 'A is the father of B',
'A % B' means 'A is the son of B' and
'A * B' means 'A is the daughter of B'.

If G @ K & V * P # W % J, then how is J related to K?

- Ans**
- ☒ A. Wife's mother
 - ☒ B. Wife's sister
 - ☒ C. Daughter
 - ☒ D. Mother

Q.82 In a certain code language, 'PINS' is coded as '3247' and 'HIPS' is coded as '4627'. What is the code for 'H' in the given code language?

- Ans**
- ☒ A. 6
 - ☒ B. 2
 - ☒ C. 4
 - ☒ D. 7

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

$$805 \div 2 + 26 - 1203 \times 3 = ?$$

- Ans**
- ☒ A. 1985
 - ☒ B. 1598
 - ☒ C. 1895
 - ☒ D. 1588

Q.84 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 chairs are bats.
No bat is a hat.

Conclusions:

(I) No chair is a hat.
(II) Some hats are bats.

- 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.85 In a certain code language,
A % B means 'A is the father of B',
A € B means 'A is the wife of B',
A = B means 'A is the brother of B', and
A ? B means 'A is the daughter of B'.
Based on the above, how is B related to X if 'B = C ? O % P € X'?

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

Q.86 In a certain code language, 'unit flash zebra' is coded as 'mi de cz' and 'zebra dance king' is coded as 'de uv id'. How is 'zebra' coded in the given language?

- Ans**
- ☒ A. de
 - ☒ B. uv
 - ☒ C. mi
 - ☒ D. cz

Q.87 Seven people F, G, H, L, M, O and Q are sitting around a circular table, facing the centre of the table. Only one person sits between Q and L when counted from the right of Q. Only one person sits between L and M when counted from the left of M. Only one person sits between Q and G when counted from the right of G. Only two people sit between H and M when counted from the left of M. Only one person sits between F and G when counted from the right of F. Who sits to the immediate right and left of O, respectively?

- Ans**
- ☒ A. Q and L
 - ☒ B. F and L
 - ☒ C. Q and G
 - ☒ D. G and F

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.

Statements: All clouds are water. Some water is vapor.

Conclusions:

(I) Some clouds are vapor.
(II) Some vapor is water.

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

HDK 10, LIO 15, PNS 20, TSW 25, ?

- Ans**
- ☒ A. YXA 28
 - ☒ B. XXA 30
 - ☒ C. XYB 30
 - ☒ D. YYB 30

Q.90 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. BDD
 - ☒ B. LMN
 - ☒ C. JKL
 - ☒ D. FGH

Q.91 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. UQV
 - ☒ B. OKM
 - ☒ C. LHM
 - ☒ D. RNS

Q.92 Select the triad which follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

RN-TP-VY
PL-RN-TW

- Ans**
- ☒ A. NJ-PL-RU
 - ☒ B. MJ-PL-RV
 - ☒ C. NJ-PL-RV
 - ☒ D. MJ-PK-RV

Q.93 What should come in place of ? in the given series based on the English alphabetical order?
WAX BFC GKH LPM ?

- Ans**
- ☒ A. QTQ
 - ☒ B. QRT
 - ☒ C. QVQ
 - ☒ D. QUR

Q.94 Select the option that represents the correct order of the given words as they would appear in an English dictionary.
1. Mistake
2. Mild
3. Mist
4. Migrate
5. Milk

- Ans**
- ☒ A. 5, 3, 1, 2, 4
 - ☒ B. 4, 2, 1, 5, 3
 - ☒ C. 2, 3, 5, 4, 1
 - ☒ D. 4, 2, 5, 3, 1

Q.95 What should come in place of the '?' in the given series?

10 13 22 41 66 101 ?

- Ans**
- ☒ A. 146
 - ☒ B. 124
 - ☒ C. 142
 - ☒ D. 164

Q.96 Each letter in the word **LANGUID** 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. 6
 - ☒ B. 2
 - ☒ C. 5
 - ☒ D. 4

Q.97 What should come in place of the '?' in the given series?

28 12 10 13 24 ?

- Ans**
- ☒ A. 65
 - ☒ B. 60
 - ☒ C. 58
 - ☒ D. 70

Q.98 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. HJI
 - ☒ B. BDC
 - ☒ C. EGF
 - ☒ D. VYW

Q.99 **HLJN** is related to **JNLP** in a certain way based on the English alphabetical order. In the same way, **EIGK** is related to **GKIM**. To which of the following is **FJHL** related, following the same logic?

- Ans**
- ☒ A. HLJN
 - ☒ B. HLIN
 - ☒ C. HMIN
 - ☒ D. HKIN

Q.100 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 7 6 4 3 5 7 6 4 6 7 6 9 8 7 7 6 6 7 6 5 7 6 8 7 5 6 (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. None
 - ☒ C. Three
 - ☒ D. One