रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
सी ई एन ०६/२०२४ - एन टी पी सी पूर्व स्नातक स्तर - CEN - 06/2024 - NTPC Under Graduate Level

Test Date	28/08/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Under Graduate 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 : **General Awareness**

Q.1 The Himalayan Mountain ranges stretch in a west-east direction from the Indus River to which major Indian river?

Ans ✗ 1. Godavari

✔ 2. Brahmaputra

✗ 3. Ganga

✗ 4. Yamuna

Q.2 Which AI-driven anti-drone system was deployed at India's largest naval port in Karnataka in May 2025 to protect critical infrastructure?

Ans ✗ 1. AeroGuard

✗ 2. SkyNet

✔ 3. Indrajaal Infra

✗ 4. DroneShield

Q.3 Which military division had become rare in warfare during the Gupta period despite being part of the army in texts?

Ans ✗ 1. Infantry

✔ 2. Chariot

✗ 3. Cavalry

✗ 4. Elephant

Q.4 Which crop is primarily associated with plantation agriculture in Kerala?

Ans ✗ 1. Wheat

✔ 2. Rubber

✗ 3. Cotton

✗ 4. Rice

Q.5 In which of the following groups of states are the lower regions of the Western Ghats located where subtropical vegetation is found?

Ans ✗ 1. Madhya Pradesh, Maharashtra and Karnataka

✗ 2. Gujarat, Maharashtra and Kerala

✔ 3. Kerala, Tamil Nadu and Karnataka

✗ 4. Andhra Pradesh, Kerala and Goa

Q.6 **What is the function of the keyboard shortcut Ctrl + Z?**

Ans ✗ 1. Redo an action

✓ 2. Undo the last action

✗ 3. Close the window

✗ 4. Zoom the window

Q.7 **Alauddin Khilji introduced the Dagh and Huliyah systems to control the army. What was Huliyah associated with?**

Ans ✗ 1. Soldier's salary

✓ 2. Soldier's description

✗ 3. Land revenue

✗ 4. Horse branding

Q.8 **Who authored the book 'The Churn' that was released in April 2025?**

Ans ✗ 1. Bandaru Dattatreya

✗ 2. Himanshu Roy

✗ 3. Arvind Kumar

✓ 4. Dr. Vijay Darda

Q.9 **Which sector was the dominant contributor to India's GDP immediately after independence in 1947?**

Ans ✗ 1. Foreign trade

✗ 2. Services

✗ 3. Industrial

✓ 4. Agriculture

Q.10 **The process by which traits are passed from parents to offspring is known as _____.**

Ans ✗ 1. mutation

✓ 2. heredity

✗ 3. hybridisation

✗ 4. linkage

Q.11 **Which architectural style, introduced by the British, combines Indian traditional elements with Gothic, Victorian and Neo-Classical forms?**

Ans ✓ 1. Indo-Saracenic

✗ 2. Colonial Neo-Baroque

✗ 3. Gothic Revival

✗ 4. Victorian Classical

Q.12 **In which of the following years was the Saansad Adarsh Gram Yojana (SAGY) launched with the aim to translate the comprehensive vision of Mahatma Gandhi about an ideal Indian village into reality, keeping in view the present context?**

Ans ✗ 1. 2009

✓ 2. 2014

✗ 3. 2006

✗ 4. 2012

Q.13 Which of the following Bollywood actresses was honoured at the inaugural Global Vanguard Honour, 2025, held in Los Angeles?

Ans ✘ 1. Nitanshi Goel

✘ 2. Deepika Padukone

✔ 3. Priyanka Chopra

✘ 4. Pratibha Ranta

Q.14 Which of the following pairs correctly classifies one input and one output device?

Ans ✘ 1. Keyboard – Output device, Printer – Input device

✔ 2. Microphone – Input device, Monitor – Output device

✘ 3. Mouse – Output device, Scanner – Input device

✘ 4. Joystick – Output device, Speaker – Input device

Q.15 Which city in Assam issued evacuation notices to residents in landslide-prone areas due to continuous rainfall in June 2025?

Ans ✘ 1. Silchar

✘ 2. Dibrugarh

✘ 3. Jorhat

✔ 4. Guwahati

Q.16 For the implementation of which of the following did the Central Government estimate a total requirement of ₹2.31 lakh crore over a five year period from 2010-11 to 2014-15?

Ans ✔ 1. Right to Education Act

✘ 2. Right to Information Act

✘ 3. Ayushman Bharat Scheme

✘ 4. Sarva Shiksha Abhiyan

Q.17 During the colonial period in India, the Vernacular Press Act (1878) was introduced by _____.

Ans ✘ 1. Lord Curzon

✘ 2. Lord Wellesley

✔ 3. Lord Lytton

✘ 4. Lord Ripon

Q.18 Which of the following subjects is addressed by the Tenth Schedule of the Indian Constitution?

Ans ✘ 1. Panchayati Raj system

✘ 2. Emergency powers and procedures

✘ 3. Official languages

✔ 4. Provisions related to anti-defection

Q.19 Which of the following years saw the foundation of the Home Rule League and its phenomenal success?

Ans ✘ 1. 1909

✔ 2. 1916

✘ 3. 1906

✘ 4. 1919

Q.20 Which of the following organisations is tasked with providing certification to films before their public release in India?

Ans ✗ 1. Film and Television Institute of India

✗ 2. National Film Development Corporation

✗ 3. Children's Film Society, India

✓ 4. Central Board of Film Certification

Q.21 Which of the following is a feature of the State Legislative Council (Vidhan Parishad) in India?

Ans ✗ 1. It can be dissolved like the Legislative Assembly

✗ 2. The people directly elect their members

✗ 3. It has a fixed term of five years

✓ 4. It is a permanent body and cannot be dissolved

Q.22 Under the Ayushman Vaya Vandana Yojana launched in October 2024, every Indian citizen aged 70 years and above will get free health insurance up to what amount every year?

Ans ✗ 1. ₹7.5 lakh

✗ 2. ₹8 lakh

✓ 3. ₹5 lakh

✗ 4. ₹3 lakh

Q.23 The exchange of gases at the alveoli and tissues occurs by which process?

Ans ✗ 1. Osmosis

✗ 2. Decantation

✓ 3. Diffusion

✗ 4. Filtration

Q.24 Which artist was recognised as the Global Recording Artist of the Year 2024 by the IFPI?

Ans ✗ 1. Billie Eilish

✓ 2. Taylor Swift

✗ 3. Beyoncé

✗ 4. Olivia Rodrigo

Q.25 Why is air transport less popular for freight movement in India?

Ans ✗ 1. It is widely available in rural and remote villages.

✓ 2. It requires minimal infrastructure for operation.

✗ 3. It is expensive and ideal only for light, high-value goods.

✗ 4. It is slower and less efficient than water transport.

Q.26 India launched chip-enabled biometric e-passports in _____ cities as of April 2025.

Ans ✓ 1. 13

✗ 2. 11

✗ 3. 15

✗ 4. 9

Q.27 Events of Khelo India Youth Games 2025 were NOT conducted in which of the following cities of Bihar?

Ans ✗ 1. Bhagalpur

✗ 2. Gaya

✓ 3. Samastipur

✗ 4. Rajgir

Q.28 Which of the following is NOT a Central Armed Police Force?

Ans ✗ 1. Indo-Tibetan Border Police

✗ 2. Border Security Force

✗ 3. Central Reserve Police Force

✓ 4. Criminal Investigation Department

Q.29 When was the National Human Rights Commission (NHRC) established to investigate cases of human rights violations in India?

Ans ✓ 1. 12 October 1993

✗ 2. 10 December 1994

✗ 3. 15 January 1995

✗ 4. 20 February 1996

Q.30 Who is responsible for the administration of Union Territories like Chandigarh and Lakshadweep?

Ans ✓ 1. The President of India

✗ 2. Prime Minister of India directly

✗ 3. Elected Chief Ministers of the Union Territories

✗ 4. Governors of neighbouring states

Q.31 What is the preferred unit used in the scientific literature to express the ratio between two sound intensities?

Ans ✗ 1. Phon

✗ 2. Pascal

✗ 3. Hertz

✓ 4. Decibels

Q.32 Which anniversary of the Meter Convention was celebrated by the Department of Consumer Affairs, Government of India on 20 May 2025?

Ans ✗ 1. 125th

✗ 2. 155th

✗ 3. 100th

✓ 4. 150th

Q.33 The western coastal plains are an example of:

Ans ✗ 1. tectonic coast

✓ 2. submerged coast

✗ 3. volcanic coast

✗ 4. emergent coast

Q.34 India is set to invest over US$360 billion in renewable energy and infrastructure by .

Ans ✗ 1. 2032

✗ 2. 2034

✗ 3. 2036

✓ 4. 2030

Q.35 What is the name of India's first satellite, which completed 50 years in April 2025 and was launched in 1975?

Ans ✗ 1. Rohini

✗ 2. INSAT-1A

✗ 3. Bhaskara

✓ 4. Aryabhata

Q.36 **Pick the INCORRECT statement regarding the life of Birsa Munda.**

Ans ✗ 1. He urged people to destroy the Europeans.

✗ 2. He advised his people to bring back the Golden Age of Mundas.

✓ 3. Birsa was born in the forests of Madhya Pradesh.

✗ 4. He had joined the local missionary school.

Q.37 **As per India Justice Report 2025, how many judges does India have per million population?**

Ans ✗ 1. 10

✗ 2. 17

✗ 3. 21

✓ 4. 15

Q.38 **In which year was the Industrial Policy Resolution that gave importance to the public sector adopted?**

Ans ✗ 1. 1951

✓ 2. 1956

✗ 3. 1947

✗ 4. 1991

Q.39 **According to the Henley Passport Index released in January 2025, what is India's global passport ranking for 2025?**

Ans ✓ 1. 85th

✗ 2. 88th

✗ 3. 83rd

✗ 4. 80th

Q.40 **When and where were the flight trials of the ULPGM-V3 missile conducted?**

Ans ✗ 1. Rajasthan (Pokhran), 24 July 2025

✗ 2. Maharashtra (Pune), 27 July 2025

✗ 3. Odisha (Chandipur), 26 July 2025

✓ 4. Andhra Pradesh (Kurnool), 25 July 2025

Section : Mathematics

Q.1 **M and N start a business. M invests ₹17,000 more than N for 6 months and N invests for 5 months. M's share is ₹498 more than that of N, out of a total profit of ₹1,494. Find the capital contributed by M.**

Ans ✓ 1. ₹42,500

✗ 2. ₹42,326

✗ 3. ₹42,661

✗ 4. ₹42,304

Q.2 **Find the simple interest (in ₹) on ₹1,200 at an interest rate of 4% per month for 10 months.**

Ans ✓ 1. ₹40

✗ 2. ₹60

✗ 3. ₹480

✗ 4. ₹80

Q.3 Simplify the given expression.

$x(7x - 5) + 3(x^2 - 2) + 14$

Ans
- ✗ 1. $-10x^2 - 5x + 8$
- ✗ 2. $10x^2 - 5x - 8$
- ✓ 3. $10x^2 - 5x + 8$
- ✗ 4. $-10x^2 - 5x - 8$

Q.4 Pipe P can fill $\dfrac{4}{5}$ part of a tank in 12 hours and pipe Q can fill $\dfrac{2}{7}$ part of the same tank in 30 hours.

Both P and Q were kept open for 5 hours, then both were closed. Pipe R alone was then opened and it emptied the water in the tank in 8 hours.

Pipes P, Q and R together can fill the empty tank in:

Ans
- ✗ 1. 17 hours
- ✓ 2. 35 hours
- ✗ 3. 43 hours
- ✗ 4. 18 hours

Q.5 The average of first 163 even numbers is

Ans
- ✗ 1. 165
- ✗ 2. 163.5
- ✗ 3. 164.5
- ✓ 4. 164

Q.6 The value of $\dfrac{5}{3} + \left(\dfrac{1}{1 + \dfrac{4}{9}} \right) - \dfrac{2}{5}$ is

Ans
- ✗ 1. $\dfrac{384}{191}$
- ✓ 2. $\dfrac{382}{195}$
- ✗ 3. $\dfrac{379}{201}$
- ✗ 4. $\dfrac{380}{197}$

Q.7 The product of two consecutive natural numbers is 110. The greater of the two numbers is:

Ans
- ✗ 1. 3
- ✗ 2. 5
- ✓ 3. 11
- ✗ 4. 7

Q.8 The value of $\sqrt{121} + \sqrt{0.0225} - \sqrt{5.76} =$

Ans
- ✗ 1. 13.05
- ✗ 2. 12.62
- ✓ 3. 8.75
- ✗ 4. 5.35

Q.9 Simplify: $\dfrac{(\tan^2 \beta \; \text{cosec}^2 \beta)}{(1 + \tan^2 \beta)}$

Ans
✗ 1. -1
✗ 2. $\tan \beta$
✓ 3. 1
✗ 4. $\sec \beta$

Q.10 The HCF and LCM of two numbers are 72 and 432, respectively. If one of the numbers is 144, find the other one.

Ans
✓ 1. 216
✗ 2. 144
✗ 3. 72
✗ 4. 288

Q.11 In △ABC, BD ⊥ AC at D and ∠DBC = 58°. E is a point on BC such that ∠CAE = 16°. What is the measure of ∠AEB?

Ans
✗ 1. 42°
✗ 2. 49°
✗ 3. 52°
✓ 4. 48°

Q.12 What is the volume of a cylindrical container that has a base radius of 3.5 metres and a height of 5.2 metres?

Ans
✗ 1. $67.3 \; \pi$ cubic metres
✗ 2. $65.4 \; \pi$ cubic metres
✓ 3. $63.7 \; \pi$ cubic metres
✗ 4. $68.6 \; \pi$ cubic metres

Q.13 Find the mean proportional of 96 and 54.

Ans
✗ 1. 71
✗ 2. 69
✗ 3. 75
✓ 4. 72

Q.14 *The value of* $7^2 + \sqrt{8^2} - 5\sqrt{16} - 14 \; is$

Ans
✗ 1. 16
✗ 2. 31
✓ 3. 23
✗ 4. 26

Q.15 Pipe A can fill a tank in 11 hours, pipe B can fill the same tank in 24 hours and pipe C can fill the same tank in 19 hours. The time taken by them to fill the same tank if they operate together is::

Ans

✗ 1. $4\dfrac{371}{929}\ hours$

✗ 2. $7\dfrac{371}{929}\ hours$

✔ 3. $5\dfrac{371}{929}\ hours$

✗ 4. $9\dfrac{371}{929}\ hours$

Q.16 A trader offers one kitchen set free with each kitchen set purchased at the marked price. If he still makes a profit of 20%, at what percentage above the cost price has the trader marked the kitchen set?

Ans

✗ 1. 50%

✗ 2. 150%

✔ 3. 140%

✗ 4. 40%

Q.17 The number 716710501 is divisible by which of the following?

Ans

✗ 1. 20

✗ 2. 16

✗ 3. 19

✔ 4. 13

Q.18 The number of prime numbers between 374 and 381, both included, is:

Ans

✗ 1. 2

✗ 2. 3

✗ 3. 4

✔ 4. 1

Q.19

By how much is 65% of 75 greater than $\dfrac{3}{5}$ of 45?

Ans

✗ 1. 19.75

✗ 2. 18.75

✗ 3. 15.75

✔ 4. 21.75

Q.20 By selling an article at $\dfrac{5}{14}$ of its actual selling price, Hitesh incurs a loss of 25%. If he sells it at 58% of its actual selling price, then the profit percentage is:

Ans

✗ 1. 23.1%

✗ 2. 23.7%

✗ 3. 22.5%

✔ 4. 21.8%

Q.21 8 years ago, the age of a father was 20 years more than twice his son's age. After how many years, from now, will he be twice his son's age?

Ans
- ✗ 1. 8
- ✔ 2. 12
- ✗ 3. 16
- ✗ 4. 7

Q.22 The average weight of a family of five members whose weights are 40 kg, 49 kg, 56 kg, 75 kg and 37 kg is:

Ans
- ✗ 1. 53.4 kg
- ✗ 2. 50.4 kg
- ✗ 3. 52.4 kg
- ✔ 4. 51.4 kg

Q.23 Train A leaves station M at 6:30 AM and reaches station N at 3:30 PM on the same day. Train B leaves station N at 8:30 AM and reaches station M at 2:30 PM on the same day. Find the time when trains A and B meet.

Ans
- ✔ 1. 11:18 AM
- ✗ 2. 12:18 PM
- ✗ 3. 11:38 AM
- ✗ 4. 11:08 AM

Q.24 A book is sold at three successive discounts of 8%, 4%, and 5%. If the marked price of the book is ₹3,125, find its net selling price.

Ans
- ✔ 1. ₹2,622
- ✗ 2. ₹2,492
- ✗ 3. ₹2,594
- ✗ 4. ₹2,465

Q.25 Find the circumference (in m) of the largest circle that can be drawn completely inside a rectangle whose dimensions are given as 63 m and 116 m. $\left(\text{Take } \pi = \dfrac{22}{7}.\right)$

Ans
- ✗ 1. 202
- ✗ 2. 200
- ✗ 3. 190
- ✔ 4. 198

Q.26 Pallavi bought a toy for ₹578, decorated it at a cost of ₹14 and sold the toy for ₹476. Find the loss or profit percentage.

Ans
- ✗ 1. $\dfrac{725}{37}\% \, profit$
- ✗ 2. $\dfrac{735}{37}\% \, profit$
- ✔ 3. $\dfrac{725}{37}\% \, loss$
- ✗ 4. $725 \% \, loss$

Q.27 If the interest earned during the 2nd year on a certain sum is ₹6,534, and the rate of interest is 20% per annum compounded annually, then the sum is:

Ans ✗ 1. ₹28,030

✗ 2. ₹27,630

✗ 3. ₹28,205

✓ 4. ₹27,225

Q.28 The current population of a town is 14,568. It increases by 25% and 60% in two successive years but decreases by 50% in the third year. What is the population of the town at the end of the third year?

Ans ✓ 1. 14,568

✗ 2. 14,563

✗ 3. 14,565

✗ 4. 14,573

Q.29 X, Y and Z invest a sum in the ratio of 16 : 82 : 2, respectively. If they earned a total profit of ₹2,750 at the end of the year, then what is the difference between share of Y and Z?

Ans ✓ 1. ₹2,200

✗ 2. ₹2,159

✗ 3. ₹2,191

✗ 4. ₹2,122

Q.30 A man goes to Nagpur from Visakhapatnam at a speed of 3 km/hr and returns to Visakhapatnam at speed of 6 km/hr, through the same route. What is his average speed (in km/hr) of the entire journey?

Ans ✓ 1. 4

✗ 2. 3

✗ 3. 2

✗ 4. 7

Section : General Intelligence and Reasoning

Q.1 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 letter-cluster pair 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 ✗ 1. SL-XQ

✓ 2. CW-HA

✗ 3. GZ-LE

✗ 4. WP-BU

Q.2 Each of the digits in the number 3147569 is arranged in the ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

Ans ✗ 1. Zero

✓ 2. Two

✗ 3. Three

✗ 4. One

Q.3 This question is based on the five, three-digit numbers given below.
(Left) 666 714 792 824 596 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the second digit of the highest number is added to the second digit of the lowest number?

Ans ✗ 1. 7

✗ 2. 13

✗ 3. 9

✔ 4. 11

Q.4 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 to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

11, 96
10, 75

Ans ✔ 1. 9, 56

✗ 2. 13, 134

✗ 3. 12, 120

✗ 4. 14, 172

Q.5 In a row of 161 students facing north, Mr. Into is 98th from the left end. If Mr. Toni is 20th to the right of Mr. Into, what is Mr. Toni's position from the right end of the line?

Ans ✗ 1. 43rd

✗ 2. 41st

✗ 3. 42nd

✔ 4. 44th

Q.6 JM 8 is related to FI 11 in a certain way. In the same way, LO 19 is related to HK 22. To which of the following is UX 27 related, following the same logic?

Ans ✔ 1. QT 30

✗ 2. PT 33

✗ 3. QT 33

✗ 4. PT 30

Q.7 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

ROP 1, VST 3, ZWX 5, DAB 7, ?

Ans ✗ 1. HGF 9

✗ 2. HEF 11

✔ 3. HEF 9

✗ 4. HGF 11

Q.8 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

IGE 13, LJH 17, OMK 21, RPN 25, ?

Ans ✗ 1. UTS 29

✗ 2. VTQ 28

✔ 3. USQ 29

✗ 4. VTS 29

Q.9 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 actors are dancers.
Some dancers are magicians.

Conclusions:
(I) All dancers are actors.
(II) No magician is a dancer.

Ans ✗ 1. Only conclusion (II) follows.

✗ 2. Both conclusions (I) and (II) follow.

✗ 3. Only conclusion (I) follows.

✓ 4. Neither conclusion (I) nor (II) follows.

Q.10 In a certain code language, 'FLAG' is coded as '7239' and 'ALIF' is coded as '3289'. What is the code for 'I' in the given code language?

Ans ✗ 1. 9

✗ 2. 3

✗ 3. 2

✓ 4. 8

Q.11 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 letter-cluster 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 ✓ 1. CELS

✗ 2. JMSZ

✗ 3. NQWD

✗ 4. SVBI

Q.12 Each of the digits in the number 817594326 is arranged in ascending order from left to right. Which of the following digits will be fourth from the left?

Ans ✗ 1. 5

✗ 2. 6

✓ 3. 4

✗ 4. 3

Q.13 M is the son of L. L is the father of D. D is the brother of N. N is the sister of A. A is the daughter of K. K is the mother of Q. N is married to S. S is the father of C. How is L related to C?

Ans ✗ 1. Father's father

✓ 2. Mother's father

✗ 3. Father's brother

✗ 4. Mother's brother

Q.14 In a certain code language, 'TAME' is coded as '4257' and 'MIND' is coded as '1365'. What is the code for 'M' in the given code language?

Ans ✗ 1. 6

✗ 2. 7

✓ 3. 5

✗ 4. 1

Q.15 Kabir, Sumit, Ranvir, Madhu, Samir and Tanvi are sitting around a circle, facing the centre. Ranvir sits second to the right of Samir. Samir sits second to the right of Madhu. Sumit sits to the immediate left of Samir. Kabir sits second to the left of Tanvi. Who sits to the immediate right of Kabir?

Ans ✗ 1. Tanvi

✓ 2. Ranvir

✗ 3. Samir

✗ 4. Sumit

Q.16 Six people, A, B, C, D, E and F are sitting in a row, facing north. Only two people sit to the right of C. A sits second to the left of D. B sits to the immediate right of E. F sits on the extreme right end of the line. How many people sit between B and F?

Ans ✗ 1. One

✗ 2. Two

✗ 3. Four

✓ 4. Three

Q.17 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 Magpies are Swans.
No Swans are Seagulls.

Conclusions:
I: Some Magpies are Seagulls.
II: No Seagulls are Magpies.

Ans ✓ 1. Neither conclusion (I) nor (II) follows.

✗ 2. Only conclusion (II) follows.

✗ 3. Both conclusions (I) and (II) follow.

✗ 4. Only conclusion (I) follows.

Q.18 QERG is related to WJVJ in a certain way based on the English alphabetical order. In the same way, OYHS is related to UDLV. To which of the given options is GNTB related, following the same logic?

Ans ✓ 1. MSXE

✗ 2. MSEX

✗ 3. MSWE

✗ 4. MXEW

Q.19 What should come in place of the question mark (?) in the given series?

82 , 83 , 85 , 89 , 97 , ?

Ans ✗ 1. 112

✓ 2. 113

✗ 3. 121

✗ 4. 131

Q.20 Each of the digits in the number 9254631 is arranged in ascending order from left to right. The position(s) of how many digits will remain unchanged as compared to that in the original number?

Ans ✗ 1. Three

✓ 2. Two

✗ 3. None

✗ 4. One

Q.21 Kiya ranked 7th from the bottom and 15th from the top in her class. How many students are there in her class?

Ans ✗ 1. 22

✓ 2. 21

✗ 3. 20

✗ 4. 19

Q.22 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 letter-cluster pair 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 ✓ 1. LP-GI

✗ 2. NR-IL

✗ 3. QU-LO

✗ 4. JN-EH

Q.23 What should come in place of the question mark (?) in the given series?

425 300 236 209 201 ?

Ans ✓ 1. 200

✗ 2. 182

✗ 3. 172

✗ 4. 152

Q.24 If + means −, − means ×, × means ÷ and ÷ means +, then what will come in place of the question mark (?) in the following equation?

8 − 3 + 63 × 3 ÷ 14 = ?

Ans ✗ 1. 24

✓ 2. 17

✗ 3. 12

✗ 4. 30

Q.25 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 8 € 1 @ % 5 5 3 % © 2 € £ 7 1 # 8 % 8 7 2 @ (Right)

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

Ans ✗ 1. 4

✓ 2. 2

✗ 3. 3

✗ 4. 1

Q.26 What should come in place of the question mark (?) in the given series?

312 320 329 ? 350 362

Ans ✗ 1. 336

✓ 2. 339

✗ 3. 337

✗ 4. 341

Q.27 Seven boxes, A, B, C, D, M, N and O, 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 O and C. Only three boxes are kept between O and N. N is kept at some place above C. A is kept immediately below N. B is kept at one of the places above D. M is not kept immediately above or below O.
Which box is kept at the lowermost position?

Ans ✗ 1. M

  ✓ 2. D

  ✗ 3. O

  ✗ 4. A

Q.28 Hanish starts from Point A and drives 12 km towards the north. He then takes a right turn, drives 8 km, turns right and drives 17 km. He then takes a right turn and drives 10 km. He takes a final right turn, drives 5 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified.)

Ans ✓ 1. 2 km to the east

  ✗ 2. 3 km to the west

  ✗ 3. 3 km to the east

  ✗ 4. 2 km to the west

Q.29 URKE is related to QOGB in a certain way based on the English alphabetical order. In the same way, EFUS is related to ACQP. To which of the given options is SWIJ related, following the same logic?

Ans ✓ 1. OTEG

  ✗ 2. OTYU

  ✗ 3. OGET

  ✗ 4. OETY

Q.30 Town J is to the south of Town K. Town L is to the east of Town K. Town M is to the north of Town L. Town N is to the east of Town M. Town O is to the northeast of Town N. What is the position of Town O with respect to Town J?

Ans ✓ 1. Northeast

  ✗ 2. Southwest

  ✗ 3. South

  ✗ 4. Southeast