Test Date	19/08/2025
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 Bangladesh is located in which direction of India?

Ans ✔ 1. East

✘ 2. North

✘ 3. Northwest

✘ 4. West

Q.2 How many pairs of false ribs are located above the floating ribs that are connected to each other by costal cartilage?

Ans ✘ 1. 2

✘ 2. 5

✘ 3. 6

✔ 4. 3

Q.3 In which city is India's first AI-focused Special Economic Zone (SEZ) being established in 2025?

Ans ✔ 1. Nava Raipur

✘ 2. Hyderabad

✘ 3. Pune

✘ 4. Bengaluru

Q.4 Which test was successfully conducted by ISRO in the development of the semicryogenic engine in March 2025?

Ans ✘ 1. Static fire test of the rocket booster

✘ 2. Cold test of the fuel system

✘ 3. Flight test of the complete launch vehicle

✔ 4. Hot test of the engine power head test article

Q.5 As per VarIndia (April 2025), India's draft '6G THz Testbed' specifically targets components operating in frequencies above:

Ans ✘ 1. 60 GHz

✘ 2. 300 GHz

✔ 3. 100 GHz

✘ 4. 6 GHz

Q.6 During the Gupta period, who was the Commander-in-Chief of the Gupta Army?

Ans
✗ 1. Sandhivigrahika

✗ 2. Amatya

✓ 3. Mahasenapati

✗ 4. Mahamatya

Q.7 Which architectural style characterises the Chhatrapati Shivaji Maharaj Terminus (CSMT) building in Mumbai, India, completed in 1887?

Ans
✗ 1. Mughal

✓ 2. Victorian Gothic

✗ 3. Indo-Saracenic

✗ 4. Rajput

Q.8 Who was the first Portuguese explorer to reach India in 1498, arriving at Calicut on the Malabar Coast?

Ans
✗ 1. Columbus

✓ 2. Vasco da Gama

✗ 3. Nino-da-Cunha

✗ 4. Albuquerque

Q.9 Mont Blanc is the highest peak of which mountain range?

Ans
✓ 1. Alps

✗ 2. Himalayas

✗ 3. Western Ghats

✗ 4. Andes

Q.10 Why does the eastern coastal plain have fewer ports and harbours compared to the western coastal plain?

Ans
✗ 1. It is closer to the Equator

✗ 2. It has more tourist beaches

✓ 3. It is an emergent coast

✗ 4. It receives more rainfall

Q.11 'Diyaslai' is the autobiography of which social activist of India, on which the Indira Gandhi National Centre for the Arts (IGNCA), an autonomous institution under the Ministry of Culture held a dedicated discussion in February 2025 in an event graced by former President Ram Nath Kovind as the chief guest?

Ans
✓ 1. Kailash Satyarthi

✗ 2. Laxmi Agarwal

✗ 3. Kiran Bedi

✗ 4. Kamla Bhasin

Q.12 Which Article of the Indian Constitution deals with the impeachment procedure of the President?

Ans
✓ 1. Article 61

✗ 2. Article 66

✗ 3. Article 52

✗ 4. Article 54

Q.13 What has the Supreme Court of India ruled regarding the independence of tribunals?

Ans ✗ 1. Tribunals must be headed by sitting High Court judges to ensure credibility.

✗ 2. Tribunals are executive bodies and need not be independent of the executive.

✔ 3. Tribunals, being quasi-judicial bodies, must be independent of the executive, just like regular courts.

✗ 4. Tribunals can be managed by the subject-matter ministry to improve efficiency.

Q.14 Which of the following organisations launched the Bharatpol platform to enhance coordination with Interpol in January 2025?

Ans ✗ 1. National Crime Records Bureau (NCRB)

✗ 2. Ministry of Home Affairs (MHA)

✔ 3. Central Bureau of Investigation (CBI)

✗ 4. National Investigation Agency (NIA)

Q.15 What was the effect of English education and western thought on Indian nationalism?

Ans ✗ 1. Supported casteism

✗ 2. Encouraged partition

✔ 3. Ignited national awakening

✗ 4. Suppressed nationalism

Q.16 What has been the trend in India's per capita income since the 1991 reforms?

Ans ✗ 1. No significant change

✗ 2. Constant decline

✗ 3. Fluctuating without a pattern

✔ 4. Gradual increase

Q.17 Who took over as the Deputy Governor of the Reserve Bank of India in May 2025?

Ans ✗ 1. Ajit Ratnakar Joshi

✗ 2. Swaminathan J

✗ 3. Indranil Bhattacharyya

✔ 4. Dr. Poonam Gupta

Q.18 Which state is in the news for achieving full functional literacy in May 2025?

Ans ✔ 1. Mizoram

✗ 2. Tripura

✗ 3. Nagaland

✗ 4. Meghalaya

Q.19 What is the specific heat of copper, which is often used for pots and pans because it heats up quickly?

Ans ✗ 1. $604.2 \text{ J kg}^{-1} \text{ K}^{-1}$

✗ 2. $239.3 \text{ J kg}^{-1} \text{ K}^{-1}$

✗ 3. $712.1 \text{ J kg}^{-1} \text{ K}^{-1}$

✔ 4. $386.4 \text{ J kg}^{-1} \text{ K}^{-1}$

Q.20 In which of the following years was the first ever National Agriculture Policy announced?

Ans ✔ 1. 2000

✗ 2. 2010

✗ 3. 2003

✗ 4. 2005

Q.21 The Tripartite Struggle was a prolonged conflict among the Gurjara-Pratiharas, Palas, and which southern Indian dynasty?

Ans ✓ 1. Rashtrakutas

✗ 2. Cholas

✗ 3. Satavahanas

✗ 4. Pallavas

Q.22 In Windows 11, what does the Alt + D keyboard shortcut do in File Explorer or a web browser?

Ans ✗ 1. Deletes the selected file or folder

✗ 2. Duplicates the current tab

✓ 3. Focuses the address bar

✗ 4. Displays desktop

Q.23 The World Government Summit 2025, focusing on shaping future governments, was convened in which city?

Ans ✗ 1. Geneva, Switzerland

✗ 2. Singapore

✗ 3. Doha, Qatar

✓ 4. Dubai, United Arab Emirates

Q.24 Which sector in India saw significant growth due to globalisation and outsourcing after the 1990s?

Ans ✗ 1. Agriculture

✗ 2. Mining

✗ 3. Real Estate

✓ 4. IT and Services

Q.25 Which of the following is a socio-economic Directive Principle?

Ans ✗ 1. Promotion of international peace

✓ 2. Equal pay for equal work

✗ 3. Separation of powers

✗ 4. Independence of the judiciary

Q.26 Which of the following Constitutional Amendments introduced the Goods and Services Tax (GST) in India?

Ans ✓ 1. 101st Amendment

✗ 2. 108th Amendment

✗ 3. 103rd Amendment

✗ 4. 97th Amendment

Q.27 What is the primary objective of the e-Zero FIR initiative launched by the Union Ministry of Home Affairs in May 2025?

Ans ✗ 1. Provide compensation for cyber fraud victims

✗ 2. Launch an online cyber safety portal

✗ 3. Create a national crime database

✓ 4. Fast-track cyber fraud FIRs

Q.28 In 2025, the Central Government granted a one-year extension to Dr. Samir V Kamat, extending his tenure as Chief of which organisation till May 2026?

Ans ✔️ 1. Defence Research and Development Organisation (DRDO)

❌ 2. Indian Space Research Organisation (ISRO)

❌ 3. National Security Council Secretariat (NSCS)

❌ 4. Council of Scientific and Industrial Research (CSIR)

Q.29 Which MS Windows feature allows users to personalize their desktop background, theme and screensaver settings?

Ans ❌ 1. Device Manager

❌ 2. Disk Management

❌ 3. Task Scheduler

✔️ 4. Personalization Settings

Q.30 What is the value of one carat when expressed in SI units?

Ans ❌ 1. 500 milligrams

❌ 2. 1 gram

❌ 3. 100 milligrams

✔️ 4. 200 milligrams

Q.31 Who first presided over the first Indian National Congress session at Mumbai?

Ans ❌ 1. Dadabhai Naoroji

❌ 2. Surendranath Bannerjee

✔️ 3. W C Bannerjee

❌ 4. Anand Mohan Bose

Q.32 Landslides due to mining and land subsidence are commonly seen in:

Ans ❌ 1. Assam and West Bengal

❌ 2. Himachal Pradesh and Uttarakhand

❌ 3. Rajasthan and Haryana

✔️ 4. Jharkhand and Chhattisgarh

Q.33 Which initiative promotes rooftop solar installations for households?

Ans ❌ 1. URJA Mission

❌ 2. PM-KUSUM

✔️ 3. Surya Ghar Muft Bijli Yojana

❌ 4. Solar India

Q.34 Financial inclusion helps reduce income inequality in rural areas. Which platform provides a unified digital database for unorganised workers?

Ans ❌ 1. Jan Dhan Yojana

❌ 2. BHIM app

✔️ 3. E-Shram portal

❌ 4. UPI dashboard

Q.35 In March 2025, the Gujarat government launched which scheme to uplift 50,000 Antyodaya families through economic development and women empowerment programmes?

Ans ❌ 1. G-SAMRIDHI

❌ 2. G-SHAKTI

❌ 3. G-SWARUPA

✔️ 4. G-SAFAL

Q.36 Which of the following languages is most notably associated with the literary contributions of Girish Karnad, exemplified by his acclaimed play 'Tughlaq'?

Ans
- ✗ 1. Tamil
- ✓ 2. Kannada
- ✗ 3. Marathi
- ✗ 4. Telugu

Q.37 Pykara was marked as the first water power station in which state of India?

Ans
- ✓ 1. Tamil Nadu
- ✗ 2. Kerala
- ✗ 3. Madhya Pradesh
- ✗ 4. Odisha

Q.38 Who presides over the sessions of the Vidhan Sabha in a State?

Ans
- ✗ 1. The Governor of the State
- ✗ 2. The Chief Minister of the State
- ✓ 3. The Speaker elected by members
- ✗ 4. The Deputy Speaker by rotation

Q.39 One of the major natural lakes in India, the Sambhar Lake of Rajasthan, is located in which of the following districts of the state?

Ans
- ✓ 1. Jaipur
- ✗ 2. Jhunjhunu
- ✗ 3. Barmer
- ✗ 4. Jaisalmer

Q.40 Who became the first Indian space tourist in 2025, joining the crew for Amazon founder Jeff Bezos' Blue Origin's NS-25 mission?

Ans
- ✗ 1. Shubham Banerjee
- ✓ 2. Gopi Thotakura
- ✗ 3. Zoya Agarwal
- ✗ 4. Mohadessa Jafri

Section : Mathematics

Q.1 Six times the present age of P exceeds the present age of Q by 11 years. After 10 years, three times Q's age will be 27 years less than six times P's age at that time. What is the present age (in years) of Q?

Ans
- ✗ 1. 6
- ✗ 2. 12
- ✓ 3. 7
- ✗ 4. 16

Q.2 The radius of a spherical balloon increases from 5 cm to 10 cm when more air is added to it. What is the ratio of the volume of the original balloon and the volume of the inflated balloon?

Ans
- ✗ 1. 1 : 6
- ✓ 2. 1 : 8
- ✗ 3. 1 : 2
- ✗ 4. 1 : 4

Q.3 A can lay railway track between two given stations in 18 days and B can do the same job in 10 days. With the help of C, they did the job in 4 days only. Then, C alone can do the job in

Ans

✗ 1. $11\dfrac{10}{17} \, days$

✗ 2. $14\dfrac{10}{17} \, days$

✓ 3. $10\dfrac{10}{17} \, days$

✗ 4. $19\dfrac{10}{17} \, days$

Q.4 Ritesh and Gauri have to travel from Delhi to Kanpur in their respective cars. Ritesh is driving at 66 km/hr while Gauri is driving at 99 km/hr. Find the time taken by Gauri to reach Kanpur if Ritesh takes 9 hours.

Ans

✗ 1. 12 hours

✗ 2. 13 hours

✓ 3. 6 hours

✗ 4. 2 hours

Q.5 The product of two consecutive positive natural numbers is 182. The greater of the two numbers is:

Ans

✗ 1. 27

✓ 2. 14

✗ 3. 7

✗ 4. 26

Q.6 The number 630605 is divisible by which of the following?

Ans

✓ 1. 5

✗ 2. 7

✗ 3. 14

✗ 4. 3

Q.7 Find the surface area of a sphere whose diameter is equal to 22 cm.

Ans

✓ 1. $484\pi \text{ cm}^2$

✗ 2. $502\pi \text{ cm}^2$

✗ 3. $153\pi \text{ cm}^2$

✗ 4. $1019\pi \text{ cm}^2$

Q.8 If the 6-digit number N46M37 is divisible by 11, then which of the options below can give a possible correct relation between M and N?

Ans

✗ 1. M = N

✗ 2. M + N = 2

✗ 3. M - N = 1

✓ 4. M - N = -2

Q.9 A train of length 490 m overtakes a man moving at a speed of 9 km/hr (in the same direction) in 12 seconds. How much time (in seconds) will it take this train to completely cross another train that has is 500 m long, moving in the opposite direction at a speed of 42 km/hr?

Ans
✗ 1. 25

✗ 2. 36

✓ 3. 18

✗ 4. 32

Q.10 A computer is marked at ₹70,000 and a discount of 16% is offered on it. An additional discount is offered to students. If a student pays ₹57,036 for the computer, then how much additional discount percentage did the student receive?

Ans
✗ 1. 7%

✗ 2. 5%

✗ 3. 2%

✓ 4. 3%

Q.11 An amount of ₹402 is divided among three persons in the ratio of 13 : 8 : 9. The difference between the largest and the smallest shares (in ₹) in the distribution is:

Ans
✗ 1. 56

✗ 2. 100

✓ 3. 67

✗ 4. 136

Q.12 A vendor claims to sell wheat at a loss of 65%, but he cheats by using weights that are 70% less than the stated weight. What is his actual profit percentage (round off to two decimal places)?

Ans
✗ 1. 7.43%

✓ 2. 16.67%

✗ 3. 11.62%

✗ 4. 15.18%

Q.13

$$By\ how\ much\ is\ 65\%\ of\ 65\ greater\ than\ \frac{1}{5}\ of\ 35?$$

Ans
✓ 1. 35.25

✗ 2. 33.25

✗ 3. 32.25

✗ 4. 29.25

Q.14 What is the mode of the following data?
87, 65, 70, 81, 68, 62, 82, 78, 81, 82, 74, 75, 90, 67, 86, 86, 81, 90, 69, 78, 65, 78, 76, 63, 70, 81

Ans
✓ 1. 81

✗ 2. 70

✗ 3. 65

✗ 4. 87

Q.15 If the 6-digit number N23M40 is divisible by 11, then which of the options below can give a possible correct relation between M and N?

Ans
✓ 1. M - N = 5

✗ 2. M + N = -5

✗ 3. M = N

✗ 4. M - N = 1

Q.16 Sapna invested ₹21,200 on simple interest, partly at the rate of 13% per annum and partly at the rate of 3% per annum. If she earns equal interests from the two investments after 8 years, then find the sum invested at the rate of 13% per annum (in ₹).

Ans
✔ 1. 3,975

✘ 2. 3,972

✘ 3. 3,973

✘ 4. 3,976

Q.17 I bought two bicycles for ₹1,200. I sold the first one at a loss of 10% and the second at a gain of 20%. If, on the whole I made neither a loss nor a gain, find the cost price (in ₹) of the first bicycle.

Ans
✘ 1. 784

✘ 2. 820

✔ 3. 800

✘ 4. 824

Q.18 The current population of a town is 10,630. It increases by 25% and 50% in two successive years but decreases by 68% in the third year. What is the population of the town at the end of the third year?

Ans
✘ 1. 6376

✘ 2. 6374

✘ 3. 6380

✔ 4. 6378

Q.19 If $\dfrac{\sin A + \cos A}{\cos A} = \dfrac{17}{12}$, then find the value of sin A and cos A respectively.

Ans
✘ 1. $\dfrac{13}{5}$, $\dfrac{13}{12}$

✔ 2. $\dfrac{5}{13}$, $\dfrac{12}{13}$

✘ 3. $\dfrac{5}{17}$, $\dfrac{5}{16}$

✘ 4. $\dfrac{17}{5}$, $\dfrac{16}{5}$

Q.20 A sum of money triples itself at a certain rate of compound interest in 8 years. In how many years will it amount to 9 times of itself?

Ans
✘ 1. 10 years

✘ 2. 17 years

✘ 3. 9 years

✔ 4. 16 years

Q.21 Given that $50^{0.92} = x$, $50^{0.26} = y$ and $x^z = y^3$, then the value of z is close to:

Ans
✘ 1. 0.39

✘ 2. 0.83

✔ 3. 0.85

✘ 4. 3.85

Q.22 Which of the following numbers is divisible by 5?

Ans
✘ 1. 7132956

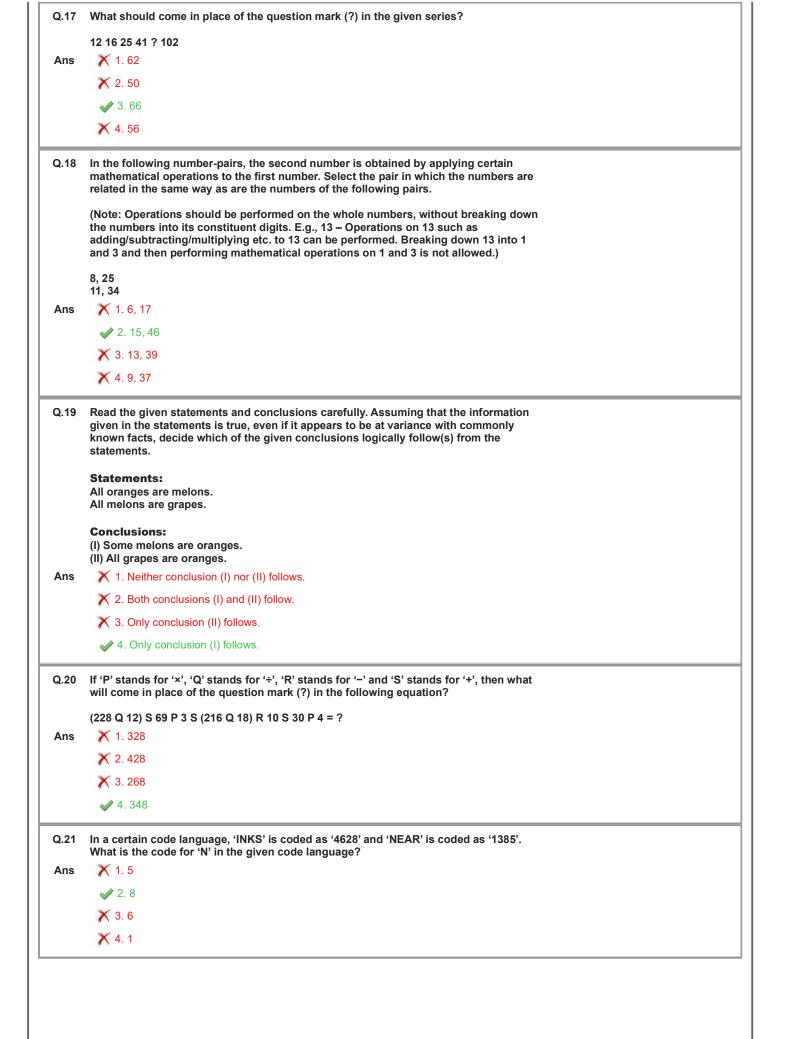✘ 2. 6175753

✔ 3. 7048030

✘ 4. 6567359

Q.23 Abdul and Mohsin together invested ₹76,800 in a business. At the end of the year, out of a total profit of ₹19,000, Mohsin's share was ₹3,800. What was the difference between their investments?

Ans
✗ 1. ₹46,300

✗ 2. ₹45,780

✗ 3. ₹44,260

✓ 4. ₹46,080

Q.24 Which of the following ratios is the greatest?

Ans
✗ 1. 28 : 74

✗ 2. 45 : 85

✗ 3. 33 : 72

✓ 4. 40 : 53

Q.25 The average of first 153 even numbers is

Ans
✗ 1. 153.5

✓ 2. 154

✗ 3. 155

✗ 4. 154.5

Q.26 Simplify the given expression.

$x(7x - 5) + 7(x^2 - 2) + 18$

Ans
✗ 1. $14x^2 - 5x - 4$

✗ 2. $-14x^2 - 5x - 4$

✓ 3. $14x^2 - 5x + 4$

✗ 4. $-14x^2 - 5x + 4$

Q.27 6 men can complete a piece of work in 8 days, while 3 women can do it in 18 days. In how many days can 9 women and 8 men complete this work?

Ans
✗ 1. 8 days

✗ 2. 1 day

✓ 3. 3 days

✗ 4. 6 days

Q.28 The marked price of a watch is ₹3,480. It is sold for ₹2,958. The rate of discount is _____.

Ans
✓ 1. 15%

✗ 2. 17%

✗ 3. 13%

✗ 4. 10%

Q.29 In △ABC, BD ⊥ AC at D and ∠DBC = 54°. E is a point on BC such that ∠CAE = 72°. What is the measure of ∠AEB?
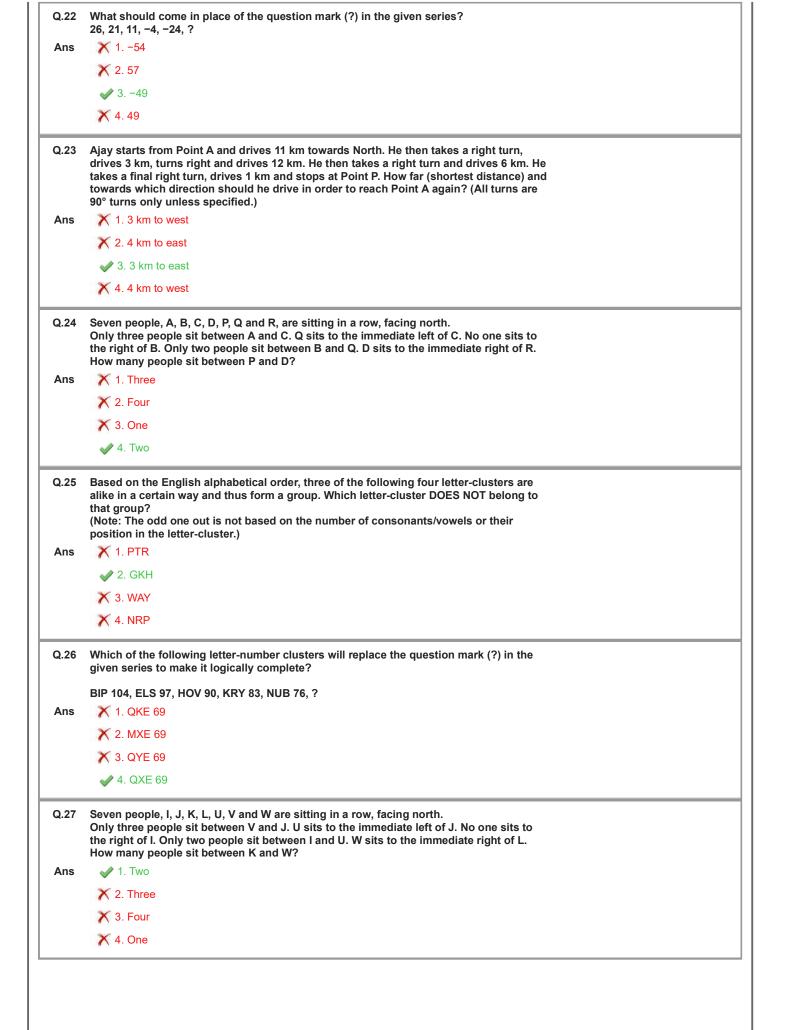
Ans
✗ 1. 100°

✗ 2. 98°

✗ 3. 95°

✓ 4. 108°

Q.30 Evaluate: (−9) − (−60) ÷ (−6) + (−4) × 9

Ans
  ✗ 1. −57

  ✓ 2. −55

  ✗ 3. −58

  ✗ 4. −54

Section : General Intelligence and Reasoning

Q.1 What should come in place of ? in the given series based on the English alphabetical order?

UXX VSU WNR ? YDL

Ans
  ✗ 1. XLV

  ✓ 2. XIO

  ✗ 3. WLZ

  ✗ 4. PSL

Q.2 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 2 4 9 ^ 7 (Right)

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

Ans
  ✗ 1. Three

  ✗ 2. Five

  ✗ 3. One

  ✓ 4. Two

Q.3 In a certain code language, 'LUMA' is coded as '5796' and 'MALI' is coded as '8569'. What is the code for 'I' in that language?

Ans
  ✓ 1. 8

  ✗ 2. 9

  ✗ 3. 5

  ✗ 4. 6

Q.4 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.
GULF – FLGU – GLUF
ALTS – STAL – ATLS

Ans
  ✓ 1. SICK – KCSI – SCIK

  ✗ 2. LIMB – IMLB – IMBL

  ✗ 3. CALF – FLCA – ALCF

  ✗ 4. FINE – FNIE – ENIF

Q.5 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 conclusion(s) logically follow(s) from the statement(s).

Statements:
All Peaches are Pineapples.
All Pineapples are Lemons.

Conclusions:
I. No Lemons are Peaches.
II. Some Lemons are Peaches.

Ans ✔ 1. Only conclusion (II) follows.

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

✘ 3. Neither conclusion (I) nor (II) follows.

✘ 4. Only conclusion (I) follows.

Q.6 If 1 is added to each even digit of the number 36719542, then how many digits are repeated more than once in the new number formed?

Ans ✘ 1. One

✘ 2. None

✔ 3. Three

✘ 4. Two

Q.7 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. TWA

✔ 2. HLO

✘ 3. JMQ

✘ 4. CFJ

Q.8 UFNE is related to YCRB in a certain way based on the English alphabetical order. In the same way, CZVY is related to GWZV. To which of the given options is KTDS related, following the same logic?

Ans ✘ 1. OPGR

✘ 2. NRGQ

✘ 3. MPFO

✔ 4. OQHP

Q.9 What should come in place of the question mark (?) in the given series?

1 2 4 7 28 33 ?

Ans ✔ 1. 198

✘ 2. 199

✘ 3. 197

✘ 4. 196

Q.10 In a row of people all facing north, Puja is 13th from the left end. Barun is 15th from the left end. Barun is exactly between Puja and Risabh. If Risabh is 12th from the right end of the row, how many people are there in the row?

Ans ✘ 1. 30

✘ 2. 25

✔ 3. 28

✘ 4. 27

Q.11 If 2 is added to each odd digit and 2 is subtracted from each even digit in the number 75364812, then what will be the sum of the greatest and smallest digit in the new number thus formed?

Ans ✗ 1. 8

✓ 2. 9

✗ 3. 10

✗ 4. 12

Q.12 Manoj ranked 26th from the top and 55th from the bottom in his class. How many students are there in his class?

Ans ✗ 1. 81

✗ 2. 79

✓ 3. 80

✗ 4. 82

Q.13 Refer to the following number and symbol series and answer the question that follows. All numbers are single-digit. Counting to be done from left to right.

(Left) 2 Ω % 1 4 9 & 5 7 * 6 @ ? 3 # 8 £ $ (Right)

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

Ans ✗ 1. Two

✓ 2. Three

✗ 3. One

✗ 4. Four

Q.14 XTXY is related to CYCD in a certain way based on the English alphabetical order. In the same way, GCGH is related to LHLM. To which of the given options is LHLM related, following the same logic?

Ans ✗ 1. QNPX

✓ 2. QMQR

✗ 3. QMPR

✗ 4. QLPR

Q.15 A is the father of R. R is the mother of C. C is the son of D. G is the father of D. How is A related to G?

Ans ✗ 1. Son's wife's brother

✓ 2. Son's wife's father

✗ 3. Wife's father

✗ 4. Wife's brother

Q.16 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which is the one that does not belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)

Ans ✗ 1. IK – BD

✗ 2. YA – RT

✗ 3. LN – EG

✓ 4. EH – XZ

Q.17 What should come in place of the question mark (?) in the given series?

12 16 25 41 ? 102

Ans ✗ 1. 62

✗ 2. 50

✔ 3. 66

✗ 4. 56

Q.18 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the pair in which the numbers are related in the same way as are the numbers of the following pairs.

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into its 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.)

8, 25
11, 34

Ans ✗ 1. 6, 17

✔ 2. 15, 46

✗ 3. 13, 39

✗ 4. 9, 37

Q.19 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 oranges are melons.
All melons are grapes.

Conclusions:
(I) Some melons are oranges.
(II) All grapes are oranges.

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

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

✗ 3. Only conclusion (II) follows.

✔ 4. Only conclusion (I) follows.

Q.20 If 'P' stands for '×', 'Q' stands for '÷', 'R' stands for '−' and 'S' stands for '+', then what will come in place of the question mark (?) in the following equation?

(228 Q 12) S 69 P 3 S (216 Q 18) R 10 S 30 P 4 = ?

Ans ✗ 1. 328

✗ 2. 428

✗ 3. 268

✔ 4. 348

Q.21 In a certain code language, 'INKS' is coded as '4628' and 'NEAR' is coded as '1385'. What is the code for 'N' in the given code language?

Ans ✗ 1. 5

✔ 2. 8

✗ 3. 6

✗ 4. 1

Q.22 What should come in place of the question mark (?) in the given series?
26, 21, 11, −4, −24, ?

Ans
  ✗ 1. −54

  ✗ 2. 57

  ✓ 3. −49

  ✗ 4. 49

Q.23 Ajay starts from Point A and drives 11 km towards North. He then takes a right turn, drives 3 km, turns right and drives 12 km. He then takes a right turn and drives 6 km. He takes a final right 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
  ✗ 1. 3 km to west

  ✗ 2. 4 km to east

  ✓ 3. 3 km to east

  ✗ 4. 4 km to west

Q.24 Seven people, A, B, C, D, P, Q and R, are sitting in a row, facing north.
Only three people sit between A and C. Q sits to the immediate left of C. No one sits to the right of B. Only two people sit between B and Q. D sits to the immediate right of R. How many people sit between P and D?

Ans
  ✗ 1. Three

  ✗ 2. Four

  ✗ 3. One

  ✓ 4. Two

Q.25 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. PTR

  ✓ 2. GKH

  ✗ 3. WAY

  ✗ 4. NRP

Q.26 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

BIP 104, ELS 97, HOV 90, KRY 83, NUB 76, ?

Ans
  ✗ 1. QKE 69

  ✗ 2. MXE 69

  ✗ 3. QYE 69

  ✓ 4. QXE 69

Q.27 Seven people, I, J, K, L, U, V and W are sitting in a row, facing north.
Only three people sit between V and J. U sits to the immediate left of J. No one sits to the right of I. Only two people sit between I and U. W sits to the immediate right of L. How many people sit between K and W?

Ans
  ✓ 1. Two

  ✗ 2. Three

  ✗ 3. Four

  ✗ 4. One

Q.28 If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 7135682, then how many digits will appear more than once in the new number thus formed?

Ans ✗ 1. One

✓ 2. Two

✗ 3. Three

✗ 4. None

Q.29 Mr. Tuff starts from Point A and drives 7 km towards the east. He then takes a left turn and drives 2 km, then turns left and drives 9 km. He then takes a left turn and drives 9 km. He takes a final left turn, drives 2 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. 8 km to the west

✓ 2. 7 km to the north

✗ 3. 7 km to the south

✗ 4. 6 km to the south

Q.30 Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only two boxes are kept below G. Only one box is kept above A. Only one box is kept between A and E. B is kept immediately above D. C is kept at some place below F. How many boxes are kept below A?

Ans ✓ 1. 5

✗ 2. 3

✗ 3. 4

✗ 4. 2