रेलवे भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS
०५/२०२४ - एनटीपीसी स्नातक स्तर - CEN - 05/2024 - NTPC Graduate Level

Test Center Name	National Council for the Church Social Action India
Test Date	10/06/2025
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC Graduate Level 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 : **RRB NTPC Graduate Level I**

Q.1 The simplified value of 118 - 5 × (10 + 20) + 55 is:

Ans ✅ 1. 23

❌ 2. 20

❌ 3. 33

❌ 4. 17

Q.2 The mean and the mode of a data set are 51.5 and 61.7, respectively. Find the median of the data set, using the empirical formula.

Ans ❌ 1. 54.3

❌ 2. 55.4

✅ 3. 54.9

❌ 4. 56.1

Q.3 In March 2025, who became the first Indian to receive the Ramsar Award for 'Wetland Wise Use'?

Ans ❌ 1. Vandana Shiva

❌ 2. Sunita Narain

❌ 3. Medha Patkar

✅ 4. Jayshree Vencatesan

Q.4 Find the value of $3\sqrt{8a^2 - 4a + 1} + 17a$, when $a = 2$.

Ans ❌ 1. 46

❌ 2. 53

✅ 3. 49

❌ 4. 42

Q.5 What will come in the place of the question mark (?) in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?

173 ÷ 3 − 135 × 5 + 17 = ?

Ans ❌ 1. 530

✅ 2. 529

❌ 3. 527

❌ 4. 528

Q.6 Rajesh ranked 17th from the top and 44th from the bottom in his class. How many students are there in his class?

Ans ✗ 1. 59

✓ 2. 60

✗ 3. 61

✗ 4. 62

Q.7 O, P, Q, R, S, T and X are sitting around a circular table facing the centre of the table. Only one person sits between Q and X when counted from the left of X. P sits third to the right of R. O sits third to the left of T. P sits to the immediate right of O. S is not an immediate neighbour of O. How many people sit between S and X when counted from the right of S?

Ans ✗ 1. Two

✓ 2. Three

✗ 3. Four

✗ 4. One

Q.8 Which of the following was NOT a tribal revolt?

Ans ✓ 1. Farazi Movement

✗ 2. Tamar Revolts

✗ 3. Kherwar Movement

✗ 4. Santhal Revolt

Q.9 Who won the 2024 Nobel Peace Prize for their significant contributions to global peace and disarmament efforts?

Ans ✓ 1. Nihon Hidankyo

✗ 2. Greta Thunberg

✗ 3. Antonio Guterres

✗ 4. Al Gore

Q.10 Seven people, I, J, K, L, O, P and Q are sitting in a row, facing north. Only three people sit to the left of P. Only I sits to the right of Q. Only three people sit between Q and K. L sits at some place to the left of J but at some place to the right of O. How many people sit between O and J?

Ans ✓ 1. Three

✗ 2. Two

✗ 3. Four

✗ 4. One

Q.11 A man covers distances of 100 km, 408 km, and 1460 km at the speeds of 20 km/hr, x km/hr, and 20 km/hr, respectively. If his average speed for the whole journey is 20 km/hr, then what is the value of x?

Ans ✗ 1. 22

✓ 2. 20

✗ 3. 15

✗ 4. 25

Q.12 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 conclusion(s) logically follow(s) from the statements.

Statements:
All cars are old.
Some old are new.
Some new are red.

Conclusions:
(I) All old are cars.
(II) Some new are old.

Ans ✓ 1. Only conclusion (II) follows.

✗ 2. Only conclusion (I) follows.

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

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

Q.13 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 3 € $ 1 6 8 6 6 € $ # % # * 3 8 3 1 € 6 @ 3 (Right)

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

Ans ✗ 1. 4

✓ 2. 2

✗ 3. 1

✗ 4. 3

Q.14 The median of the observations 49, 91, 24, 46, 90, 20, 21, 14, 66, 32 and 92 is:

Ans ✗ 1. 24

✗ 2. 32

✗ 3. 49

✓ 4. 46

Q.15 Standard base pairing in DNA occurs due to which type of bonding?

Ans ✗ 1. Covalent bonding

✗ 2. Van Der Waals interactions

✗ 3. Ionic bonding

✓ 4. Hydrogen bonding

Q.16 What is the primary objective of the Shri S Ramakrishnan Centre of Excellence in Fluid and Thermal Science Research 2025, at IIT Madras?

Ans ✓ 1. To tackle complex thermal challenges in space applications

✗ 2. To enhance India's capabilities in satellite navigation systems

✗ 3. To establish a research hub for space-related medical research

✗ 4. To develop advanced propulsion systems for launch vehicles

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

42 57 72 87 102 ?

Ans ✗ 1. 121

✗ 2. 108

✗ 3. 115

✓ 4. 117

Q.18 A tangent is drawn from point P to a circle with centre O. The radius of the circle is 7 cm, and the distance from point P to the centre O is 25 cm. What is the length of the tangent from point P to the point of tangency?

Ans ✗ 1. 31 cm

✗ 2. 27 cm

✗ 3. 21 cm

✓ 4. 24 cm

Q.19 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

FCA HEC JGE LIG ?

Ans ✗ 1. NLI

✗ 2. NKJ

✓ 3. NKI

✗ 4. NLJ

Q.20 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

FB-ID-KM
JF-MH-OQ

Ans ✗ 1. NI-PL-RU

✗ 2. MI-PK-RU

✓ 3. MI-PK-RT

✗ 4. NI-PK-RU

Q.21 How much of OECD sovereign debt is set to mature by 2027, according to the Global Debt Report 2025?

Ans ✗ 1. 50%

✓ 2. 45%

✗ 3. 55%

✗ 4. 65%

Q.22 Which tree is commonly found throughout the plains of the Thar Desert?

Ans ✗ 1. Teak

✗ 2. Sal

✗ 3. Neem

✓ 4. Khejri

Q.23 Mr. I starts from Point M and drives 5 km towards the south. He then takes a right turn, drives 8 km, turns left and drives 7 km. He then takes a left turn and drives 12 km. He takes a final left turn, drives 12 km and stops at Point N. How far (shortest distance) and towards which direction should he drive in order to reach Point M again? (All turns are 90 degree turns only unless specified.)

Ans ✓ 1. 4 km towards the west

✗ 2. 4 km towards the east

✗ 3. 5 km towards the south

✗ 4. 12 km towards the north

Q.24 A person who spends 33% of his monthly income is able to save ₹6,298 per month. His monthly expenses (in ₹) are:

Ans ✗ 1. 3,024

✗ 2. 3,083

✗ 3. 3,195

✓ 4. 3,102

Q.25 Who among the following was an old zamindar from Bihar who joined the rebel sepoys during the Revolt of 1857 and battled with the British for many months?

Ans ✗ 1. Bakht Khan

✗ 2. Ahmadullah Shah

✗ 3. Tantia Tope

✓ 4. Kunwar Singh

Q.26 The downstream speed is 22 km/hr and the upstream speed is 5.5 km/hr. It takes a boat a total of 8 hours to go to a place and come back. What is the total distance travelled by the boat?

Ans ✗ 1. $\dfrac{176}{5}$ km

✗ 2. $\dfrac{172}{6}$ km

✗ 3. $\dfrac{366}{5}$ km

✓ 4. $\dfrac{352}{5}$ km

Q.27 What will come in place of the question mark (?) in the following equation, if '+' and '−' are interchanged, and '×' and '÷' are interchanged?

87 × 3 ÷ 4 + 12 − 30 = ?

Ans ✗ 1. 122

✗ 2. 144

✗ 3. 145

✓ 4. 134

Q.28 You have applied a specific character style to several instances of a product name throughout a lengthy MS Word document. If you need to change the font and color of all these instances, what is the most efficient method?

Ans ✓ 1. Modifying the definition of the character style

✗ 2. Manually selecting each instance and applying the new formatting

✗ 3. Using the 'Find and Replace' function with formatting options

✗ 4. Copying the formatting from one instance using the 'Format Painter' and applying it to others

Q.29 If a hemisphere of radius 3 cm is fitted inside a cuboid and then water is filled inside the cuboid, the amount of water (in cm^3) present in the cuboid is:

(Take π = 3.14)

Ans ✗ 1. 55.28

✓ 2. 51.48

✗ 3. 49.81

✗ 4. 57.64

Q.30 Three persons X, Y, and Z started a business with their shares in the ratio 13 : 20 : 15. After 7 months, Y withdrew his 33% share, while Z withdrew his 24% share 5 months prior to the completion of the year. If the total profit at the end of year is ₹16,100, find the share of Z (in ₹) in the profit.

Ans ✓ 1. 4,968

✗ 2. 5,250

✗ 3. 4,888

✗ 4. 5,063

Q.31 In a certain code language,
'A + B' means 'A is the mother of B',
'A – B' means 'A is the brother of B',
'A × B' means 'A is the wife of B' and
'A ÷ B' means 'A is the father of B'.

Based on the above, how is M related to Q if 'M – N × O ÷ P + Q'?

Ans ✗ 1. Mother's Father

✗ 2. Father's Father

✓ 3. Mother's Mother's Brother

✗ 4. Father's Brother

Q.32 What is the primary objective of the Railways (Amendment) Bill, 2024?

Ans ✓ 1. To merge the Indian Railway Board Act, 1905 into the Railways Act, 1989

✗ 2. To privatise the Indian Railways

✗ 3. To establish a new ministry for railway operations

✗ 4. To introduce high-speed bullet trains across India

Q.33 Which tier of the Panchayati Raj system in India is involved in governing the entire district?

Ans ✗ 1. Village Panchayat

✗ 2. Gram Sabha

✓ 3. Zila Parishad

✗ 4. Block Samiti

Q.34 A retailer offers the following discount schemes for buyers on an article.
I. Two successive discounts of 27%.
II. A discount of 36% followed by a discount of 45%.
III. Successive discounts of 19% and 32%.
IV. A discount of 34% followed by a discount of 7%.
Which scheme will fetch the maximum selling price?

Ans ✗ 1. I

✗ 2. II

✓ 3. IV

✗ 4. III

Q.35 Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. Only three boxes are kept above G. Only one box is kept between F and G. Only three boxes are kept between F and B. B is kept in some place above G. E is kept immediately below B. A is kept in one of the places above D. C is not kept immediately above or below F. How many boxes are kept below A?

Ans ✗ 1. 4

✓ 2. 2

✗ 3. 3

✗ 4. 1

Q.36 In which year was the World Trade Organization, which has promoted globalisation across nations, established?

Ans ✓ 1. 1995

✗ 2. 2001

✗ 3. 2000

✗ 4. 1991

Q.37 The average height of 15 boys out of a class of 50 is 163 cm. If the average height of the remaining boys is 165 cm, the average height (in cm) of all the boys of the class is:

Ans ✗ 1. 165.4

✓ 2. 164.4

✗ 3. 164

✗ 4. 165

Q.38 Which statement is correct with reference to Neptunium?

Ans ✓ 1. It is a naturally occurring element found in pitchblende.

✗ 2. It is stable element.

✗ 3. It was known during Mendeleev's time.

✗ 4. It is non-reactive element.

Q.39 Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of :: ?
 # : VSQ :: OLJ : %

Ans ✗ 1. # = IQT, % = VCG

✗ 2. # = UZT, % = QMG

✓ 3. # = YVT, % = LIG

✗ 4. # = YOZ, % = LOQ

Q.40 3 years ago from now, the age of father was 14 years more than twice his son's age. After how many years, from now, will he be twice his son's age?

Ans ✗ 1. 12

✗ 2. 14

✗ 3. 8

✓ 4. 11

Q.41 Which city hosted the QS Higher Ed Summit: Middle East in April 2025?

Ans ✓ 1. Kuwait City, Kuwait

✗ 2. Doha, Qatar

✗ 3. Dubai, UAE

✗ 4. Riyadh, Saudi Arabia

Q.42 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. YW−TR

✗ 2. BZ−WU

✗ 3. KI−FD

✓ 4. MK−GH

Q.43 Which of the following letter-number-clusters will replace the question mark (?) in the given series to make it logically complete?

CJL 11, DKM 15, ELN 19, FMO 23, ?

Ans ✗ 1. TUY 26

✗ 2. QNO 27

✓ 3. GNP 27

✗ 4. TXU 26

Q.44 Two numbers are respectively 30% and 18% more than a third number. The ratio of the two numbers is:

Ans
 ✔ 1. 65 : 59

 ✘ 2. 73 : 74

 ✘ 3. 58 : 63

 ✘ 4. 55 : 64

Q.45 As of 28 March 2025, approximately how many farmer IDs have been generated under the Digital Agriculture Mission in India?

Ans
 ✘ 1. 1.25 crore

 ✘ 2. 3.50 crore

 ✔ 3. 4.85 crore

 ✘ 4. 4.10 crore

Q.46 Which Article of the Constitution of India states about the directive for states to make provision for public assistance in cases of unemployment?

Ans
 ✔ 1. Article 41

 ✘ 2. Article 40

 ✘ 3. Article 42

 ✘ 4. Article 39

Q.47 Which principle of citizenship did India start following more strictly after the 2003 Amendment?

Ans
 ✘ 1. Dual citizenship

 ✘ 2. Jus soli (by birth)

 ✘ 3. Universal citizenship

 ✔ 4. Jus sanguinis (by blood)

Q.48 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Letter	L	M	E	P	A	U	X
Code	7	$	@	9	2	%	6

Conditions:

1. If the 1st letter is a vowel and the last letter is a consonant, their codes are to be interchanged.

2. If the 2nd letter is a vowel and the last letter is a consonant, both are to be coded as 'W'.

3. If the 3rd and 4th letters are consonants, both are to be coded as the code for the 3rd letter.

4. If the 1st and 2nd letters are vowels, then both are to be coded as 'Q'.

What will be the code for the following group?

APUXR

Ans
 ✘ 1. 2 9 % 6 2

 ✘ 2. Q 9 % 6 Q

 ✘ 3. 2 9 % 6 4

 ✔ 4. 4 9 % 6 2

Q.49 What should come in place of the question mark (?) in the given series?

502 500 496 490 482 ?

Ans   ✗ 1. 468

   ✔ 2. 472

   ✗ 3. 471

   ✗ 4. 469

Q.50 What was the poverty rate in India in 2019-21, according to the India National Multidimensional Poverty Index, 2023?

Ans   ✗ 1. 22.67%

   ✔ 2. 14.96%

   ✗ 3. 24.58%

   ✗ 4. 16.23%

Q.51 What will the amount after 1 year be, if ₹2,400 is invested at 20% compound interest per annum, compounded half-yearly?

Ans   ✔ 1. ₹2,904

   ✗ 2. ₹2,460

   ✗ 3. ₹2,950

   ✗ 4. ₹3,071

Q.52 C is the third proportional of 44 and B. If B is the sum of the first three even natural numbers, then find the value of C.
(Round off your answer to two decimal places)

Ans   ✗ 1. 0.98

   ✗ 2. 1.98

   ✗ 3. 4.58

   ✔ 4. 3.27

Q.53 Gopal gets a 2% increase in his sale amount in the first year and a 20% increase in the second year, and with that his present sale is ₹1,83,600. What was his sale (in ₹) two years ago?

Ans   ✗ 1. 1,30,000

   ✗ 2. 1,80,000

   ✗ 3. 1,53,000

   ✔ 4. 1,50,000

Q.54 If the ratio of two numbers is 18 : 5 and the product of their LCM and their HCF is 360, then the sum of the reciprocals of the LCM and the HCF is:

Ans   ✗ 1. $\dfrac{91}{185}$

   ✗ 2. $\dfrac{91}{193}$

   ✔ 3. $\dfrac{91}{180}$

   ✗ 4. $\dfrac{91}{204}$

Q.55 This question is based on the five, three-digit numbers given below.

(Left) 388 739 783 483 785 (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 first digit of the highest number is subtracted from the third digit of the lowest number?

Ans ✓ 1. 1

✗ 2. 2

✗ 3. 4

✗ 4. 0

Q.56 If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 7481652, what will be the difference between the first digit from the left and the first digit from the right in the new number thus formed?

Ans ✗ 1. 6

✗ 2. 4

✓ 3. 8

✗ 4. 2

Q.57 Which Indian state has the largest number of tribal communities classified under Particularly Vulnerable Tribal Groups (PVTGs) as of December 2022?

Ans ✗ 1. Chhattisgarh

✓ 2. Odisha

✗ 3. Madhya Pradesh

✗ 4. Jharkhand

Q.58 Which tab in MS Word 365 contains options to change page margins, orientation and size?

Ans ✗ 1. Insert

✓ 2. Layout

✗ 3. Home

✗ 4. Review

Q.59 5 is related to 35 following a certain logic. Following the same logic, 2 is related to 14. To which of the following is 9 related, following the same logic?

(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.)

Ans ✓ 1. 63

✗ 2. 67

✗ 3. 65

✗ 4. 61

Q.60 Two pipes can fill a cistern, individually, in 98 min and 28 min, respectively. There is a pipe located at the bottom of the cistern to empty it. If all the three pipes are opened simultaneously, then the empty cistern gets filled in 21 min. How long will the pipe at the bottom of the cistern take to empty the completely filled cistern if no other pipe is then open?

Ans ✗ 1. 577 min

✗ 2. 583 min

✗ 3. 606 min

✓ 4. 588 min

Q.61 Chandragupta Maurya is said to have converted to:

Ans ✗ 1. Zoroastrianism

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 ✗ 2. Christianity

 ✗ 3. Buddhism

 ✓ 4. Jainism

Q.62 In December 2024, which nationwide movement was launched to promote cycling as a sustainable and inclusive fitness activity?

Ans ✗ 1. Ride for Health India

 ✗ 2. Fit India Pedal Mission

 ✗ 3. Cycle for Bharat Campaign

 ✓ 4. Fit India Sundays on Cycle

Q.63 Which of the following is a key reason for judicial review in India?

Ans ✗ 1. To maintain federal balance between Centre and States

 ✗ 2. To ensure the supremacy of the Parliament

 ✗ 3. To allow the judiciary to make laws

 ✓ 4. To protect the supremacy of the Constitution and fundamental rights

Q.64 In a certain code language, 'BORN' is coded as '2468' and 'NEST' is coded as '1327'. What is the code for 'N' in the given code language?

Ans ✗ 1. 7

 ✓ 2. 2

 ✗ 3. 1

 ✗ 4. 8

Q.65 Which body primarily exercises the powers delegated through Article 243W of the Indian Constitution?

Ans ✗ 1. Panchayati Raj Institutions

 ✗ 2. Parliament of India

 ✗ 3. State Legislature

 ✓ 4. Municipal Corporations

Q.66 A large number of terracotta toys were found at which site of the Indus Valley Civilization?

Ans ✗ 1. Rakhigarhi

 ✓ 2. Mohenjodaro

 ✗ 3. Lothal

 ✗ 4. Kalibangan

Q.67 Which bank of India has been awarded the Digital Transformation Award 2025 for digital initiatives—Pravaah and Sarthi by Central Banking, London, United Kingdom?

Ans ✗ 1. Bandhan Bank

 ✗ 2. State Bank of India

 ✓ 3. Reserve Bank of India

 ✗ 4. Punjab National Bank

Q.68 Effective Revenue Deficit was introduced in the government budgeting during which year?

Ans ✓ 1. 2011-12

 ✗ 2. 2008-09

 ✗ 3. 2015-16

 ✗ 4. 2003-04

Q.69 One pipe can fill the tank in 8 minutes while another pipe can empty the completely filled tank in 11 minutes. If both the pipes are operated together on empty tank, how long (in minutes) will it take to fill three-fourth of the tank?

Ans ✗ 1. 23

✔ 2. 22

✗ 3. 44

✗ 4. 45

Q.70 P is any point inside the rectangle ABCD. If PA = 69 cm, PB = 27 cm and PC = 38 cm, then the length of PD (in cm) is:

Ans ✔ 1. 74

✗ 2. 72

✗ 3. 70

✗ 4. 78

Q.71 Anil bought the first pen for ₹100 and the second pen for ₹160, respectively. He sells the first pen at 15% of the profit but the buyer bargains for the price, and he has to offer a 29% discount and the second pen at 58% of the profit. Find the total profit he had in this transaction (correct to two decimal places).

Ans ✔ 1. ₹74.45

✗ 2. ₹72.91

✗ 3. ₹74.26

✗ 4. ₹77.75

Q.72 If α and β are the roots of the quadratic equation $y^2 - 9y + 8 = 0$, then

Ans ✗ 1. 2

✗ 2. 4

✔ 3. 1

✗ 4. 3

Q.73 If 'A' stands for '÷', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '−', then the resultant of which of the following would be 77?

Ans ✔ 1. 42 A 6 D 38 C 18 B 6

✗ 2. 42 D 6 A 38 B 18 C 6

✗ 3. 42 B 6 C 38 D 18 A 6

✗ 4. 42 C 6 B 38 A 18 D 6

Q.74 By selling an article for ₹112, a man loses 20%. At what price (in ₹) should he sell it to gain 50%?

Ans ✔ 1. 210

✗ 2. 220

✗ 3. 200

✗ 4. 230

Q.75 WR 21 is related to ZS 6 in a certain way. In the same way, GV 11 is related to JW −4. To which of the given options is UE 5 related, following the same logic?

Ans ✗ 1. VW −9

✗ 2. NM −7

✗ 3. FV −6

✔ 4. XF −10

Q.76 A cube of side 10 cm is cut into cubes of side 2 cm. Calculate the total surface area (in cm^2) of all the small cubes:

Ans ✗ 1. 3008

✗ 2. 3010

✗ 3. 3002

✔ 4. 3000

Q.77 What happens if a user tries to rename a file to the same name as an existing file in the same folder?

Ans ✔ 1. Windows displays an error: *"A file with this name already exists."*

✗ 2. Windows merges the contents of both files.

✗ 3. The file extension is automatically changed.

✗ 4. Windows appends a number to the new filename (e.g., Document (2).txt).

Q.78 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	2	@	9	5	$	&	3	%	#	7	+	4	8	6
Code	D	B	A	M	L	E	C	Q	D	P	R	B	U	K

Conditions:
If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
If both second and third elements are perfect squares, the third element is to be coded as the code for the second element.
What will be the code for the following group?

@ 3 5 7

Ans ✗ 1. B M M P

✗ 2. B C C P

✔ 3. P C M B

✗ 4. B C M P

Q.79 Each of J, K, L, M, N, O and P has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. Only two people have exams before P. Only one person has an exam after L. Only three people have exams between P and J. Only one person has an exam between K and L. O has an exam immediately after M. How many people have exams between M and N?

Ans ✗ 1. Two

✗ 2. Four

✔ 3. Three

✗ 4. One

Q.80 The equivalent fraction of 2.777... is:

Ans

✗ 1. $\dfrac{29}{3}$

✓ 2. $\dfrac{25}{9}$

✗ 3. $\dfrac{21}{2}$

✗ 4. $\dfrac{28}{11}$

Q.81 This question is based on the five, three-digit numbers given below.

(Left) 611 733 279 265 370 (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 first digit of the lowest number?

Ans   ✗ 1. 6

✗ 2. 8

✗ 3. 4

✓ 4. 5

Q.82 Town A is to the south of Town B. Town C is to the east of Town B. Town D is to the west of Town C. Town E is to the north of Town D. Town A is to the south-east of Town E. What is the position of Town B with respect to Town D?

Ans   ✓ 1. East

✗ 2. North

✗ 3. South

✗ 4. West

Q.83 In the context of India's population distribution, the term physiological density refers to population per _____.

Ans   ✗ 1. household

✗ 2. hospital bed

✗ 3. doctor

✓ 4. unit of arable land

Q.84 If $\sin A = \dfrac{3}{4}$, then calculate $\dfrac{2\cos A}{\sqrt{7}}$.

Ans

✓ 1. $\dfrac{1}{2}$

✗ 2. $\dfrac{1}{4}$

✗ 3. $\dfrac{\sqrt{7}}{4}$

✗ 4. $\dfrac{\sqrt{7}}{2}$

Q.85 Which of the following statements about the National Mission on Natural Farming (NMNF), launched in 2024, is/are correct?

1. The total approved outlay of NMNF till 2025-26 is ₹1,000 crore.
2. The mission supports the establishment of Bio-input Resource Centres for providing Natural Farming inputs.

Ans ✗ 1. Both 1 and 2

✓ 2. Only 2

✗ 3. Neither 1 nor 2

✗ 4. Only 1

Q.86 Which revolution in India is associated with the growth of the fishing industry?

Ans ✓ 1. Blue Revolution

✗ 2. Yellow Revolution

✗ 3. Green Revolution

✗ 4. White Revolution

Q.87 According to the 6th Annual Employment-Unemployment Survey conducted by the Labour Bureau, what was the employment rate for women with vocational training?

Ans ✗ 1. 52.6%

✗ 2. 46.3%

✗ 3. 41.1%

✓ 4. 36.2%

Q.88 Find the simple interest (in ₹) on ₹1,200 at an interest rate of 3% per month in 1 month.

Ans ✗ 1. 3

✓ 2. 36

✗ 3. 23

✗ 4. 6

Q.89 Which of the following architectures has been built in the 'Charbagh' style?

Ans ✗ 1. Qutub Minar

✓ 2. Taj Mahal

✗ 3. Gumbaj of Bijapur

✗ 4. Quwwat-ul-Islam mosque

Q.90 Which of the following companies built Fort St George in Chennai in the 1640s and later established the Madras Presidency in 1684?

Ans ✗ 1. Spanish East India Company

✓ 2. British East India Company

✗ 3. Genoese East India Company

✗ 4. Portuguese East India Company

Q.91 Which region is NOT part of the outer boundary of the Peninsular Plateau?

Ans ✗ 1. Gir Range

✓ 2. Himalayas

✗ 3. Delhi Ridge

✗ 4. Rajmahal Hills

Q.92 Which of the following best describes the 'Gutter' margin in MS Word 2019?

Ans ✗ 1. The blank space on all four sides of the page

    ✓ 2. Extra space added for document binding

    ✗ 3. The space at the top of the page for a header

    ✗ 4. A margin applied only to odd-numbered pages

Q.93 CSVG is related to GOZC in a certain way based on the English alphabetical order. In the same way, KKDY is related to OGHU. To which of the given options is SCLQ related, following the same logic?

Ans ✓ 1. WYPM

    ✗ 2. WZOL

    ✗ 3. XYQN

    ✗ 4. VZPL

Q.94 What type of shrine is the Neeramankara Temple located in Nemam, Kerala, in India known to be?

Ans ✗ 1. Mandapa type

    ✗ 2. Sarvatobhadra type

    ✗ 3. Nirandhara type

    ✓ 4. Sandhara type

Q.95 If $x + \dfrac{1}{x} = 4$, then the value of $x^3 + \dfrac{1}{x^3}$ is:

Ans ✓ 1. 52

    ✗ 2. 39

    ✗ 3. 134

    ✗ 4. 151

Q.96 Which of the following best encapsulates the fundamental difference between the von Neumann and Harvard architectures in computer systems?

Ans ✓ 1. The Harvard architecture allows simultaneous fetching of instructions and data, potentially improving performance, while the von Neumann architecture typically fetches them sequentially from the same memory space.

    ✗ 2. The von Neumann architecture is primarily used in modern microcontrollers, while the Harvard architecture is prevalent in general-purpose computers.

    ✗ 3. The von Neumann architecture utilises separate address spaces for instructions and data, while the Harvard architecture uses a single address space.

    ✗ 4. The Harvard architecture employs a more complex control unit compared to the von Neumann architecture.

Q.97 The average of three numbers is 23. If two of them are 11 and 26, the third number is:

Ans ✗ 1. 31

    ✗ 2. 33

    ✓ 3. 32

    ✗ 4. 34

Q.98 Who among the following won the gold medal in the compound mixed team event at the Archery World Cup 2025 Stage 1?

Ans ✓ 1. Jyothi Surekha Vennam and Rishabh Yadav

    ✗ 2. Jyothi Surekha Vennam and Abhishek Verma

    ✗ 3. Rishabh Yadav and Ankita Bhakat

    ✗ 4. Deepika Kumari and Atanu Das

Q.99 A compound has an empirical formula CH_2 and a molar mass of 56 g/mol. Its molecular formula is:

Ans ✓ 1. C_4H_8

  ✗ 2. C_2H_4

  ✗ 3. CH_2

  ✗ 4. C_3H_6

Q.100 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. BJ-FZ

  ✓ 2. GO-KF

  ✗ 3. HP-LF

  ✗ 4. TB-XR