Test Center Name	Aadarsh Pariksha Kendra CENTER C - Gate No 2 - Noida Sector 64
Test Date	12/06/2025
Test Time	9:00 AM - 10:30 AM
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 Simplify:

$$\frac{8^2 \times 7^3}{\sqrt{64} \times \sqrt{2401}}$$

Ans ✔ 1. 56

✘ 2. 58

✘ 3. 47

✘ 4. 57

Q.2 If $a^2 + b^2 = 83$, $a \times b = 6$, and $a > b$, find $\frac{a - b}{a + b}$.

Ans ✘ 1. $\frac{71}{95}$

✘ 2. $\sqrt{\frac{62}{95}}$

✔ 3. $\sqrt{\frac{71}{95}}$

✘ 4. $\frac{62}{95}$

Q.3 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 trucks are big.
All big are cars.
All cars are long.

Conclusions:
(I) All big are trucks.
(II) All cars are big.

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.4 Which of the following accurately describes the function of the 'Spill Range' feature introduced in newer versions of MS Excel?

Ans ✗ 1. It automatically saves the workbook to a cloud location at predefined intervals.

✔ 2. It dynamically resizes a formula's output range when the formula returns multiple values.

✗ 3. It restricts data entry within a specific range of cells based on predefined criteria.

✗ 4. It allows multiple users to simultaneously edit different ranges within the same worksheet.

Q.5 If 'P' stands for '÷', 'Q' stands for '×', 'R' stands for '+' and 'S' stands for '−', then the resultant of which of the following would be 200?

Ans ✗ 1. 64 Q 16 P 60 R 32 S 8

✔ 2. 64 P 16 S 60 R 32 Q 8

✗ 3. 64 S 16 R 60 P 32 Q 8

✗ 4. 64 R 16 Q 32 S 60 P 8

Q.6 D, E, F, G, M, N and O are sitting around a circular table, facing the centre of the table. N sits to the immediate left of D. G sits to the immediate left of E. E sits second to the left of O. F sits third to the left of D. Who sits fourth to the right of M?

Ans ✗ 1. D

✗ 2. F

✔ 3. O

✗ 4. G

Q.7 Which of the following cities is located in a rain-shadow region in India?

Ans ✗ 1. Shillong

✗ 2. Cochin

✗ 3. Goa

✔ 4. Pune

Q.8 How much will a sum of ₹60,000 become after one year if the interest is compounded half-yearly at 18% per annum compound interest?

Ans ✗ 1. ₹71,391

✗ 2. ₹70,471

✗ 3. ₹72,166

✔ 4. ₹71,286

Q.9 A ladder leans against a wall, making an angle of 30° with the ground. If the ladder is 8 m long, what is the height it reaches on the wall?

Ans ✗ 1. 10 m

✔ 2. 4 m

✗ 3. 6 m

✗ 4. 8 m

Q.10 The average score of 50 students in a class test is 45. Later, it was found that in one instance, a score of 25 was wrongly recorded as 35, and in another instance, a score of 30 was wrongly recorded as 28. Find the actual average score of the class.

Ans ✗ 1. 44.64

✗ 2. 43.86

✔ 3. 44.84

✗ 4. 44.56

Q.11 Who among the following won the bronze medal in the men's individual recurve event at the Archery World Cup 2025 Stage 1?

Ans ✓ 1. Dhiraj Bommadevara

✗ 2. Abhishek Verma

✗ 3. Tarundeep Rai

✗ 4. Atanu Das

Q.12 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 3678154, what will be difference between the highest and lowest digits in the number thus formed?

Ans ✗ 1. 7

✗ 2. 5

✓ 3. 6

✗ 4. 4

Q.13 Train A running at a speed of 99 km/hr takes 46 seconds to completely cross train B running at 72 km/hr in the opposite direction. The length of train B is 1.5 times the length of train A. Train B crosses a bridge completely in 82 seconds. The length of the bridge (in m) is:

Ans ✗ 1. 426

✗ 2. 424

✗ 3. 369

✓ 4. 329

Q.14 Mr. P starts from Point C and drives 5 km towards the west. He then takes a left turn, drives 6 km, turns left and drives 8 km. He then takes a right turn, drives 2 km, turns left and drives 4 km. He then takes left turn and drives 12 km. He takes a final left turn drives 7 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point C again? (All turns are 90 degree turns only unless specified.)

Ans ✗ 1. 4 km towards the north

✓ 2. 4 km towards the south

✗ 3. 2 km towards the west

✗ 4. 2 km towards the east

Q.15 Rahul marks the price of his article 64% more than its cost price. If he sells the article for ₹59,860 after allowing a discount of 50%, then what will be the cost price (in ₹) of the article?

Ans ✗ 1. 72,997

✗ 2. 73,001

✓ 3. 73,000

✗ 4. 72,999

Q.16 Due to decrease in manpower, the production in a factory decreases by 20%. By what percentage should the working hours be increased to restore the original production?

Ans ✗ 1. 80%

✗ 2. 40%

✗ 3. 20%

✓ 4. 25%

Q.17 If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 6193425, how many digits will appear more than once in the new number thus formed?

Ans ✗ 1. Three

✗ 2. None

✓ 3. Two

✗ 4. One

Q.18 This question is based on the five, three-digit numbers given below.

(Left) 983 986 481 941 167 (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 third digit of the highest number is subtracted from the first digit of the lowest number?

Ans ✗ 1. −4

    ✔ 2. −5

    ✗ 3. −6

    ✗ 4. −2

Q.19 In which of the following Australian cities did the Indian External Affairs Minister inaugurate India's 4th consulate in November 2024?

Ans ✗ 1. Sydney

    ✗ 2. Perth

    ✔ 3. Brisbane

    ✗ 4. Melbourne

Q.20 Which of the following is NOT considered one of the significant cause for the Revolt of 1857?

Ans ✔ 1. Policies of British favouring sati, female infanticide and widow re-marriage

    ✗ 2. Policy of Doctrine of Lapse

    ✗ 3. Introduction of greased cartridge

    ✗ 4. Lack of contact between the ruler and the ruled

Q.21 Calculate the volume of the cube having a total surface area of 216 cm^2.

Ans ✗ 1. 125 cm^3

    ✗ 2. 180 cm^3

    ✔ 3. 216 cm^3

    ✗ 4. 343 cm^3

Q.22 The median of the observations 93, 38, 12, 55, 70, 98, 60, 49, 53, 11 and 38 is:

Ans ✗ 1. 49

    ✗ 2. 60

    ✗ 3. 55

    ✔ 4. 53

Q.23 In a certain code language,
'A+ B' means 'A is the sister of B'
'A – B' means 'A is the brother of B'
'A × B' means 'A is the wife of B'
'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

    ✗ 2. Sister

    ✗ 3. Wife

    ✗ 4. Daughter

Q.24 MP 14 is related to LS −1 in a certain way. In the same way, NK 5 is related to MN −10. To which of the given options is SW −1 related, following the same logic?

Ans ✗ 1. VC −13

✗ 2. TR −18

✓ 3. RZ −16

✗ 4. VW −20

Q.25 In the context of the Panchayati Raj system in India, what does the term 'Village Panchayat' refer to?

Ans ✗ 1. A block-level committee

✗ 2. An urban municipal corporation

✓ 3. Local government at the village level

✗ 4. A district-level administrative body

Q.26 In a certain code language, 'NEWS' is coded as '6482' and 'WORK' is coded as '3671'. What is the code for 'W' in the given code language?

Ans ✗ 1. 8

✓ 2. 6

✗ 3. 1

✗ 4. 3

Q.27 Yash travels 204 km at 68 km/hr, the next 424 km at 53 km/hr and the next 366 km at 61 km/hr. What is his average speed (in km/hr) for the whole journey? (Corrected to two decimal places)

Ans ✗ 1. 65.87

✓ 2. 58.47

✗ 3. 67.92

✗ 4. 57.62

Q.28 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. QWR

✗ 2. SYT

✗ 3. NTO

✓ 4. LRN

Q.29 Lothal was important for _____ during the Indus Valley Civilization.

Ans ✗ 1. copper mining

✗ 2. spiritual rituals

✓ 3. maritime trade

✗ 4. military base

Q.30 M, N, O, S, T and U live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. T lives on the topmost floor. Only three people live between T and N. O lives on a floor below N. S lives on an even numbered floor. U lives on an odd numbered floor but not on floor number 5. How many people live between M and N?

Ans ✓ 1. Two

✗ 2. One

✗ 3. Three

✗ 4. Four

Q.31 Which of the following is NOT a physiographic subdivision of the Northern Plains of India?

Ans ✗ 1. Khadar

✗ 2. Tarai Tract

✗ 3. Bhangar

✓ 4. Vindhyan Plateau

Q.32 Which city of India is set to establish India's first Integrated Waste Management City-cum-Learning Centre by September 2025, aiming to create a garbage-free environment?

Ans ✗ 1. Kanpur

✗ 2. Agra

✓ 3. Gorakhpur

✗ 4. Moradabad

Q.33 The average of eight numbers is 15. The average of five of these numbers is 18. The average of the remaining three numbers is:

Ans ✗ 1. 11

✓ 2. 10

✗ 3. 12

✗ 4. 9

Q.34 If 5 times A's age is added to B's age, the sum is 95 years. If 2.2 times B's age is added to A's age, the sum is 63 years. What is B's age (in years)?

Ans ✗ 1. 19

✗ 2. 25

✓ 3. 22

✗ 4. 21

Q.35 Which Article of the Constitution of India prohibits the State from discriminating against the use of wells, tanks and places of public entertainment?

Ans ✗ 1. Article 18

✗ 2. Article 16

✗ 3. Article 17

✓ 4. Article 15

Q.36

Simplify: $25 \div \left\{ 7 \times \left(\frac{3}{5} \text{ of } \frac{5}{9} \right) \right\}$

Ans ✓ 1. $\dfrac{75}{7}$

✗ 2. $\dfrac{73}{7}$

✗ 3. $\dfrac{85}{7}$

✗ 4. $\dfrac{68}{7}$

Q.37 Simplify the given expression.

$(5z - 9y)^2 + (9z + 5y)^2 - 81z^2$

Ans ✗ 1. $16z^2 + 114y^2$

✗ 2. $30z^2 + 105y^2$

✗ 3. $15z^2 + 103y^2$

✓ 4. $25z^2 + 106y^2$

Q.38 Who among the following will be the 25th Chief Justice of India in May 2025?

Ans ✅ 1. Justice Bhushan Ramkrishna Gavai **www.govtjobsalert.in**

❌ 2. Justice Sudhanshu Dhulia

❌ 3. Justice Pamidighantam Sri Narasimha

❌ 4. Justice Prashant Kumar Mishra

Q.39 Which of the following statements about the Delhi High Court's ruling on the 'Right to Be Forgotten' in November 2024 is correct?

Ans ✅ 1. The Court permitted the petitioner to approach online platforms and search engines to mask their identities.

❌ 2. The Court stated that the right to privacy cannot override public interest in matrimonial cases.

❌ 3. The Court ruled that the names of the couple involved in the matrimonial dispute must remain publicly accessible to ensure transparency.

❌ 4. The judgement rejected the applicability of the 'Right to Be Forgotten' in cases of acquittal or quashed criminal proceedings.

Q.40 What should come in place of the question mark (?) in the given series?

61 54 61 47 61 40 61 ?

Ans ❌ 1. 37

✅ 2. 33

❌ 3. 31

❌ 4. 40

Q.41 If 7.4 : 3.7 :: 3.7 : x, then find the value of x.

Ans ❌ 1. 0.58

✅ 2. 1.85

❌ 3. 5.27

❌ 4. 6.88

Q.42 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

JLO HJM FHK DFI ?

Ans ❌ 1. BDH

✅ 2. BDG

❌ 3. BEG

❌ 4. BEH

Q.43 Find a single discount (rounded up to two decimal places) to equal three consecutive discounts of 29%, 28% and 13%.

Ans ❌ 1. 58.85%

❌ 2. 56.92%

❌ 3. 57.27%

✅ 4. 55.53%

Q.44 How are the Himalayan ranges oriented in Arunachal Pradesh?

Ans ❌ 1. North to south

✅ 2. Southwest to northwest

❌ 3. East to west

❌ 4. Northwest to southeast

Q.45 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on, till the topmost floor is numbered 6. B lives on an even numbered floor but not 6. The sum of floors on which F and B live is 7. D lives immediately above C. The sum of floors on which B and E live is 3. How many people live below D?

Ans ✗ 1. 2

✗ 2. 1

✔ 3. 3

✗ 4. 4

Q.46 A can complete a piece of work in 24 days and B can complete it in 28 days. If they work on alternate days, starting with B on the first day, then in how many days will the work be finished?

Ans ✗ 1. $25\dfrac{1}{6}$

✔ 2. $25\dfrac{6}{7}$

✗ 3. $24\dfrac{1}{6}$

✗ 4. $24\dfrac{6}{7}$

Q.47 Which group did iodine belong to in Mendeleev's table?

Ans ✔ 1. Group VII

✗ 2. Group VI

✗ 3. Group V

✗ 4. Group VIII

Q.48 The roots of the quadratic equation $9x^2 - 9x + 1 = 0$ are:

Ans ✔ 1. $\dfrac{(9 + \sqrt{45})}{18}$ & $\dfrac{(9 - \sqrt{45})}{18}$

✗ 2. $\dfrac{(-9 + \sqrt{45})}{9}$ & $\dfrac{(9 + \sqrt{45})}{4.5}$

✗ 3. $\dfrac{(9 + \sqrt{45})}{4.5}$ & $\dfrac{(9 - \sqrt{45})}{4.5}$

✗ 4. $\dfrac{(-9 + \sqrt{45})}{9}$ & $\dfrac{(-9 - \sqrt{45})}{9}$

Q.49 What kind of tools were mainly used by the Harappans?

Ans ✗ 1. Wooden tools

✔ 2. Bronze tools

✗ 3. Steel tools

✗ 4. Iron tools

Q.50 Shekhar Kapur received the Padma Bhushan in 2025 for his work in which field?

Ans ✗ 1. Literature

✗ 2. Science

✔ 3. Art

✗ 4. Medicine

Q.51 Which Indian state receives rainfall from both, the Southwest and Northeast monsoons?

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Ans ✗ 1. Bihar

✗ 2. Maharashtra

✓ 3. Tamil Nadu

✗ 4. Gujarat

Q.52 Nirmal invested ₹1,380 at 3% per annum simple interest in a bank. What amount (in ₹) will he get after 3 years?

Ans ✓ 1. 1,504.2

✗ 2. 124.2

✗ 3. 1,404.2

✗ 4. 224.2

Q.53 If the eight-digit number 32043p88 is divisible by 4, then the maximum value of p is:

Ans ✓ 1. 9

✗ 2. 4

✗ 3. 7

✗ 4. 5

Q.54 What should come in place of the question mark (?) in the given series?

972 970 966 960 952 ?

Ans ✗ 1. 941

✗ 2. 940

✗ 3. 438

✓ 4. 942

Q.55 Who headed the 1915 committee to examine the co-operative movement in India?

Ans ✗ 1. Lord Curzon

✗ 2. Sir John Simon

✓ 3. Sir Edward Maclagan

✗ 4. Lord Irwin

Q.56 If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 571649, what will be the sum of the last three digits from the left in the new number thus formed?

Ans ✗ 1. 14

✗ 2. 24

✓ 3. 22

✗ 4. 18

Q.57 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 :: ?

: OJR :: QLT : %

Ans ✗ 1. # = NIQ, % = RMV

✗ 2. # = NIR, % = RMU

✗ 3. # = NIQ, % = RNU

✓ 4. # = NIQ, % = RMU

Q.58 Find the co-ordinates of the centroid of a triangle whose vertices are A(1, 4), B(7, 8) and C(10, 12).

Ans
✗ 1. (6, 9)

✗ 2. (7, 9)

✓ 3. (6, 8)

✗ 4. (7, 8)

Q.59 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 ::?

\# : TVS :: IKH : %

Ans
✓ 1. # = WYV, % = FHE

✗ 2. # = WOZ, % = UQE

✗ 3. # = KNV, % = FXC

✗ 4. # = IOV, % = WEE

Q.60 In the 1892 Indian Councils Act, the British government introduced certain reforms in response to Indian demands. Which of the following was a significant provision of this Act?

Ans
✓ 1. Provision for Indian representation in the Imperial Legislative Council

✗ 2. Establishment of a separate electorate for Muslims

✗ 3. Granting full self-governance to Indian provinces

✗ 4. Introduction of direct elections for legislative councils

Q.61 What was the category of India as per the Global Hunger Index score in 2024 that shows the severity of hunger in a country?

Ans
✗ 1. Moderate

✗ 2. Low

✓ 3. Serious

✗ 4. Alarming

Q.62 In which year did the government notify the New Public Sector Enterprise (PSE) Policy for Atma Nirbhar Bharat, that provides overall guidance on strategic disinvestment, and intends to minimise the presence of Government in PSEs across all sectors of economy?

Ans
✗ 1. 2023

✗ 2. 2025

✗ 3. 2024

✓ 4. 2021

Q.63 Three numbers are in the ratio 8 : 2 : 1, and their LCM is 7552. Their HCF is:

Ans
✗ 1. 486

✗ 2. 502

✗ 3. 456

✓ 4. 472

Q.64 In a quadrilateral ABCD, ∠A = 53° and ∠B = 46°. The bisectors of ∠C and ∠D meet at O. What is the measure of ∠DOC?

Ans
✗ 1. 60.5°

✗ 2. 44.5°

✓ 3. 49.5°

✗ 4. 46.5°

Q.65 A shopkeeper expects a gain of 30% on his cost price. If, in a week, his sales proceeds were ₹2,938, what was his profit (in ₹)?

Ans ✗ 1. 676

✗ 2. 680

✗ 3. 679

✓ 4. 678

Q.66 The Michaelis-Menten constant (Km) of an enzyme is defined as:

Ans ✗ 1. The inhibitor concentration that reduces enzyme activity by 50%

✗ 2. The maximum reaction rate (Vmax)

✗ 3. The enzyme concentration required for half-maximal catalysis

✓ 4. The substrate concentration at which the reaction rate is half of Vmax

Q.67 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number result(s) in the second number. Similarly, certain mathematical operation(s) on the second number result(s) in the third number and so on. Which of the given options follows the same set of operations as in the given 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.)
5 - 6 - 10 - 20 ; 12 - 13 - 17 - 34

Ans ✗ 1. 15 - 16 - 20 - 30

✗ 2. 23 - 24 - 28 - 54

✗ 3. 7 - 8 - 12 - 26

✓ 4. 17 - 18 - 22 - 44

Q.68 This question is based on the five, three-digit numbers given below.

(Left) 823 664 309 431 175 (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 added to the third digit of the lowest number?

Ans ✓ 1. 13

✗ 2. 14

✗ 3. 16

✗ 4. 12

Q.69 Where was the World Sustainable Development Summit (WSDS) held in March 2025?

Ans ✓ 1. New Delhi, India

✗ 2. Hyderabad, India

✗ 3. Bengaluru, India

✗ 4. Mumbai, India

Q.70 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

YSM CWQ GAU KEY ?

Ans ✗ 1. OCI

✓ 2. OIC

✗ 3. CIO

✗ 4. COI

Q.71 What happens when you press F5 in MS PowerPoint 2019?

Ans   ✗ 1. Inserts a new slide

  ✗ 2. Opens the 'Print' dialog box

  ✓ 3. Starts the slide show from the beginning

  ✗ 4. Saves the presentation

Q.72 Town G is to the south of Town H. Town I is to the east of Town H. Town J is to the west of Town I. Town K is to the north of Town J. Town G is to the south-east of Town K. What is the position of Town H with respect to Town J?

Ans   ✓ 1. East

  ✗ 2. West

  ✗ 3. North

  ✗ 4. South

Q.73 Why is the discovery of penicillin considered revolutionary in medicine?

Ans   ✗ 1. It was used only in animals.

  ✓ 2. It began the antibiotic era.

  ✗ 3. It treated pain rather than infections.

  ✗ 4. It was used for colouring bacteria.

Q.74 Anaimudi, the highest peak in South India, is located at the tri-junction of which three hill ranges?

Ans   ✗ 1. Rajmahal Hills, Garo Hills, Khasi Hills

  ✗ 2. Mahadeo Hills, Maikala Range, Rajpipla Hills

  ✓ 3. Annamalai Range, Cardamom Hills, Palani Hills

  ✗ 4. Nilgiri Hills, Western Ghats, Eastern Ghats

Q.75 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) 2 6 % 2 6 4 € 7 * 9 $ 3 € 6 1 2 @ 8 % € 9 2 (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. 1

  ✗ 2. 3

  ✗ 3. 0

  ✗ 4. 2

Q.76 Which element of the MS Excel interface displays the name of the currently active cell or the selected range of cells?

Ans   ✓ 1. The Name Box

  ✗ 2. The Ribbon

  ✗ 3. The Formula Bar

  ✗ 4. The Status Bar

Q.77 What is the rank of India in the Climate Change Performance Index 2025 published by Germanwatch, New Climate Institute, and Climate Action Network International?

Ans   ✗ 1. 8th

  ✓ 2. 10th

  ✗ 3. 12th

  ✗ 4. 15th

Q.78 The Ministry of Statistics & Programme Implementation (MoSPI) releases the Index of Industrial Production (IIP) at which of the following time intervals?

Ans ✗ 1. Weekly

   ✗ 2. Half yearly

   ✗ 3. Quarterly

   ✓ 4. Monthly

Q.79 Where was the 14th edition of the India-Russia bilateral naval exercise INDRA-2025 conducted?

Ans ✗ 1. Mumbai

   ✓ 2. Chennai

   ✗ 3. Kochi

   ✗ 4. Visakhapatnam

Q.80 Which of the following statements about primary and secondary memory is correct in a computer system?

Ans ✓ 1. Primary memory is faster but has lower storage capacity, while secondary memory is slower but provides large storage capacity.

   ✗ 2. Secondary memory is volatile, meaning data is lost when power is turned off, while primary memory is non-volatile and retains data.

   ✗ 3. Both primary and secondary memory are directly accessible by the CPU for processing instructions.

   ✗ 4. Primary memory is used for long-term storage, while secondary memory is used for temporary storage of data.

Q.81 What is the name of the organisation that collaborated with Sterlite Technologies Limited (STL) to test India's first Quantum Key Distribution (QKD) transmission in 2025?

Ans ✗ 1. Indian Institute of Technology (IIT)

   ✓ 2. Centre for Development of Telematics (C-DOT)

   ✗ 3. National Institute of Technology (NIT)

   ✗ 4. Centre for Development of Advanced Computing (C-DAC)

Q.82 A tap fills a cistern in 14 hours. Another tap empties the full tank in 18 hours. How long (in hours) will it take to fill the tank completely, if the tank is empty and both the taps are open together?

Ans ✗ 1. 66

   ✗ 2. 64

   ✓ 3. 63

   ✗ 4. 65

Q.83 The ratio of numbers of girls and boys participating in sports of a school is 1 : 5. If the number of girls is 201, determine the number of boys participating in the sports.

Ans ✗ 1. 1025

   ✓ 2. 1005

   ✗ 3. 980

   ✗ 4. 1035

Q.84 What is the maximum percentage of reservation allowed for Economically Weaker Sections (EWS) under the 103rd Amendment Act, 2019?

Ans ✗ 1. 5%

   ✓ 2. 10%

   ✗ 3. 13%

   ✗ 4. 18%

Q.85 Each of C, D, E, F, S, T and U has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. No one has an exam before D. Only three people have their exams between D and T. Only one person has the exam between T and S. C has the exam on Wednesday. E has the exam on one of the days after F but on one of the days before U. On which day of the week does E have the exam?

Ans
❌ 1. Monday

❌ 2. Saturday

❌ 3. Tuesday

✔️ 4. Thursday

Q.86 A man receives ₹2,580 per month as salary. He saves 45% of his salary every month. His expenditure per month is:

Ans ❌ 1. ₹1,517

❌ 2. ₹1,455

❌ 3. ₹1,399

✔️ 4. ₹1,419

Q.87 Find the volume (in cm^3) of a hemispherical cap having a radius of 24 cm.

Ans ✔️ 1. 9216π

❌ 2. 9220π

❌ 3. 9208π

❌ 4. 9212π

Q.88 Under the PM E-DRIVE Scheme, which of the following vehicle categories are NOT eligible for demand incentives?

Ans ✔️ 1. Electric three-wheelers used for personal use

❌ 2. Electric three-wheelers for commercial use

❌ 3. Electric trucks with valid scrapping certificates

❌ 4. Electric two-wheelers with advanced batteries

Q.89 Which of the following is NOT one of the primary tones used in Vedic chanting?

Ans ❌ 1. Anudaatta

❌ 2. Svarita

✔️ 3. Mandrata

❌ 4. Udatta

Q.90 Who signed the Poona Pact of 1932 on behalf of Mahatma Gandhi, as he was imprisoned at the time?

Ans ❌ 1. Jawaharlal Nehru

✔️ 2. Pt. Madan Mohan Malviya

❌ 3. Dr. Rajendra Prasad

❌ 4. Sardar Vallabhbhai Patel

Q.91 Per capita income is an indicator of economic development. What happened to India's per capita income post 1991 economic reforms?

Ans ❌ 1. Declined sharply

❌ 2. Remained stagnant

✔️ 3. Rose significantly

❌ 4. Became negative

Q.92 'Adhai Din Ka Jhonpra' in Ajmer was built in the period of which of the following dynasties?

Ans ✗ 1. Khailji dynasty

   ✗ 2. Lodhi dynasty

   ✗ 3. Tughlaq dynasty

   ✓ 4. Slave Dynasty

Q.93 In MS Word 2019, if you want to select an entire paragraph quickly, which of the following actions should you perform?

Ans ✗ 1. Press and hold Alt while clicking the paragraph.

   ✓ 2. Triple-click on any word within the paragraph.

   ✗ 3. Double-click anywhere in the paragraph.

   ✗ 4. Right-click and choose 'Paragraph' from the available menu options.

Q.94 Seven people, D, E, F, G, Q, R and S, are sitting in a row facing north. No one sits to the left of F. Only four people sit between F and D. Only three people sit to the right of Q. G sits to the immediate left of S. E is not an immediate neighbour of Q. Who sits at the rightmost end of the line?

Ans ✗ 1. D

   ✗ 2. F

   ✗ 3. S

   ✓ 4. E

Q.95 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 ::?

 # : NQP :: HKJ : %

Ans ✗ 1. # = OMS, % = ERG

   ✗ 2. # = QTO, % = EEG

   ✗ 3. # = YTS, % = EUG

   ✓ 4. # = QTS, % = EHG

Q.96 Which Article of the Constitution of India states about the directive for the state to secure a social order for the promotion of welfare of the people?

Ans ✗ 1. Article 40

   ✓ 2. Article 38

   ✗ 3. Article 39

   ✗ 4. Article 37

Q.97 The mean and standard deviation of 100 terms are 50 and 3, respectively. The sum of squares of the 100 terms is:

Ans ✓ 1. 2,50,900

   ✗ 2. 2,70,000

   ✗ 3. 2,49,000

   ✗ 4. 2,50,000

Q.98 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	5	7	$	+	8	%	#	9	&	6	$	4
Code	H	D	O	A	B	P	B	Q	Z	Y	R	B	U	F

Conditions:
If the first element is a symbol and the last an odd 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 cubes, the third element is to be coded as the code for the second element.
What will be the code for the following group?

 # 8 9 $

Ans ✗ 1. UBYZ

✗ 2. ZBBU

✔ 3. ZBYU

✗ 4. ZYYU

Q.99 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. JD-OW

✗ 2. UO-ZG

✗ 3. WQ-BI

✗ 4. BV-GN

Q.100 In a certain code language, 'PREY' is coded as '6482' and 'YOLK' is coded as '3671'. What is the code for 'Y' in the given code language?

Ans ✗ 1. 2

✔ 2. 6

✗ 3. 1

✗ 4. 3