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

Test Center Name	iON Digital Zone iDZ Bhagwanpur
Test Date	10/06/2025
Test Time	4:30 PM - 6:00 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 If $\cos\alpha = \dfrac{3}{5}$ and $\cos\beta = \dfrac{15}{17}$, then find the value of $\sin(\alpha + \beta)$.

Ans

✔ 1. $\dfrac{84}{85}$

✘ 2. $\dfrac{15}{85}$

✘ 3. $\dfrac{77}{85}$

✘ 4. $\dfrac{36}{85}$

Q.2 The average weight (in kg) of a family of five members whose weights are 40 kg, 49 kg, 56 kg, 63 kg and 37 kg is:

Ans

✘ 1. 48

✘ 2. 51

✘ 3. 50

✔ 4. 49

Q.3 Find the value of m for which it satisfies $\left(\dfrac{11}{2}\right)^{12} \times \left(\dfrac{2}{11}\right)^{2} \times \left(\dfrac{11}{2}\right)^{16} =$

Ans

✔ 1. $-\dfrac{35}{9}$

✘ 2. $-\dfrac{43}{9}$

✘ 3. $-\dfrac{38}{9}$

✘ 4. $-\dfrac{37}{9}$

Q.4 A boat takes 83 minutes to go 33.2 km upstream. The ratio of the speed of the boat in still water to that of the stream is 8 : 5. How much total time (in hours) will the boat take to go 47.1 km upstream and 55.9 km downstream?

Ans ✗ 1. 1.5

✓ 2. 2.5

✗ 3. 6.8

✗ 4. 3.5

Q.5 Which function key can be used with Alt to close the current application in Windows applications?

Ans ✗ 1. F10

✗ 2. F6

✓ 3. F4

✗ 4. F1

Q.6 Which of the following numbers is divisible by both 27 and 19?

Ans ✗ 1. 33488

✗ 2. 35691

✓ 3. 34371

✗ 4. 34962

Q.7 What should come in place of the question mark (?) in the given series?

301 300 297 292 285 ?

Ans ✗ 1. 273

✓ 2. 276

✗ 3. 275

✗ 4. 277

Q.8 Town M is to the north of Town N. Town N is to the east of Town O. Town O is to the west of Town P. Town P is to the south of Town Q. Town M is to the south-west of Town Q. What is the position of Town N with respect to Town P?

Ans ✗ 1. North

✗ 2. East

✓ 3. West

✗ 4. South

Q.9 Which of the following is the correct way to add a new slide in an MS-PowerPoint 2019 presentation?

Ans ✓ 1. Go to the Home tab → Click New Slide

✗ 2. Right-click the slide → Select Copy

✗ 3. Press Ctrl + N

✗ 4. Press Alt + F4

Q.10 When working with text wrapping around an image in MS Word, which 'Layout Option' provides the most flexibility in precisely positioning the image relative to the text and other elements, ignoring the text flow?

Ans ✗ 1. Square

✗ 2. Through

✗ 3. Tight

✓ 4. Behind Text or In Front of Text

Q.11 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

KN33 JM41 IL49 HK57 ?

Ans ✓ 1. GJ65

✗ 2. GI65

✗ 3. GJ66

✗ 4. GI66

Q.12 Two pipes can fill a cistern, individually, in 44 min and 84 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 28 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. 921 min

✓ 2. 924 min

✗ 3. 916 min

✗ 4. 920 min

Q.13 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.)

(32, 47, 15)
(56, 81, 25)

Ans ✗ 1. (17, 72, 14)

✗ 2. (18, 65, 11)

✓ 3. (92, 110, 18)

✗ 4. (29, 84, 10)

Q.14 Write the expanded form of $(7a + 6b + 4c)^2$.

Ans ✓ 1. $49a^2 + 36b^2 + 16c^2 + 84ab + 48bc + 56ac$

✗ 2. $49a^2 + 36b^2 + 16c^2 + 84ab + 48bc + 66ac$

✗ 3. $49a^2 + 36b^2 + 16c^2 + 88ab + 48bc + 56ac$

✗ 4. $49a^2 + 36b^2 + 16c^2 + 84ab + 43bc + 56ac$

Q.15 If a transversal line intersects a pair of two parallel lines, then each pair of corresponding angles are:

Ans ✗ 1. supplementary

✓ 2. equal

✗ 3. complementary

✗ 4. unequal

Q.16 The British used education as a tool to _____.

Ans ✓ 1. strengthen colonial rule

✗ 2. support women empowerment

✗ 3. expand Indian trade

✗ 4. reform Indian society

Q.17 Which country held a presidential runoff election on 13 April 2025, resulting in the re-election of President Daniel Noboa?

Ans ✔ 1. Ecuador

✘ 2. Colombia

✘ 3. Bolivia

✘ 4. Peru

Q.18 On selling a bed at ₹8,845, the value of gain is 25% more than the value of loss incurred on selling it at ₹1,987. In order to gain 20%, find the selling price (in ₹).

Ans ✘ 1. 6,044

✘ 2. 6,039

✘ 3. 6,043

✔ 4. 6,042

Q.19 DTUH is related to BQWK in a certain way based on the English alphabetical order. In the same way, ZNYN is related to XKAQ. To which of the given options is VHCT related, following the same logic?

Ans ✔ 1. TEEW

✘ 2. SEDX

✘ 3. UDFX

✘ 4. SFEV

Q.20 According to the forest department and WWF-India, which tiger reserve recorded a rise in the population of greater one-horned rhinos, with the number climbing from 46 in 2023 to 51 in 2025?

Ans ✔ 1. Dudhwa National Park

✘ 2. Panna National Park

✘ 3. Similipal National Park

✘ 4. Kanha National Park

Q.21

A man has to cover a distance of 222 km in 14 hours. If he covers tw

then what should his speed (in km/hr) be to cover the remaining dista

Ans ✘ 1. 12.3

✔ 2. 9.25

✘ 3. 3.75

✘ 4. 21.3

Q.22 Mr. Q starts from Point Z and drives 7 km towards the north. He then takes a left turn, drives 9 km, turns right and drives 6 km. He then takes a left turn and drives 7 km. He takes a final left turn, drives 13 km and stops at Point A. How far (shortest distance) and towards which direction should he drive in order to reach Point Z again? (All turns are 90 degree turns only unless specified.)

Ans ✘ 1. 14 km towards the west

✔ 2. 16 km towards the east

✘ 3. 11 km towards the south

✘ 4. 13 km towards the north

Q.23 Two quadratic equations, $2x^2 + 8x + 6 = 0$ and $kx^2 + 4kx + 3 = 0$, have both roots common. What is the value of k?

Ans ✗ 1. 2

✗ 2. 3

✗ 3. 4

✔ 4. 1

Q.24 Who among the following was the President of the Board of Control at the time of Charter renewal in 1793 in India?

Ans ✔ 1. Henry Dundas

✗ 2. Thomas Townshend

✗ 3. William Grenville

✗ 4. George Legge

Q.25 What is the mean of the following distribution?

Marks	19	31	54	69	95
No. of Students	22	35	64	34	57

Ans ✗ 1. 49

✗ 2. 82

✔ 3. 60

✗ 4. 63

Q.26 The ratio of incomes of Seema and Darshan is 4 : 3. They save ₹15,000 and ₹9,000, respectively. If the ratio of their expenditures is 16 : 17, then what is the total expenditure (in ₹) of Seema and Darshan?

Ans ✗ 1. 16,000

✗ 2. 13,000

✔ 3. 14,850

✗ 4. 15,000

Q.27 The average of nine numbers is 17. The average of seven of these numbers is 17. The average of the remaining two numbers is:

Ans ✔ 1. 17

✗ 2. 18

✗ 3. 19

✗ 4. 16

Q.28 In the Harappan civilisation, cire perdue or lost wax process was used to make statue of which material?

Ans ✗ 1. Stone

✗ 2. Terracotta

✗ 3. Gold

✔ 4. Bronze

Q.29 Seven people, I, J, K, L, O, P and Q are sitting in a row, facing north. Only two people sit between Q and O. Only I sits to the right of P. Only one person sits between O and P. K sits at some place to the right of L but at some place to the left of J. How many people sit between J and L?

Ans ✗ 1. Four

✗ 2. One

✗ 3. Three

✔ 4. Two

Q.30 Which of the following acts provided a regular code of all regulations that could be enacted for the internal Government of British India?

Ans   ✗ 1. Regulating Act 1773

     ✗ 2. Charter Act of 1793

     ✗ 3. Charter Act of 1813

     ✔ 4. Pitt's India Act 1784

Q.31 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. MH - IP

     ✗ 2. PQ - NO

     ✗ 3. GH - EF

     ✗ 4. KL - IJ

Q.32 Each of the digits in the number 6954381 is arranged in the descending order from left to right. Which of the following digits will be third from the right?

Ans   ✗ 1. 3

     ✗ 2. 5

     ✗ 3. 6

     ✔ 4. 4

Q.33 Seven boxes, A, B, C, D, E, F and G, are kept one above the other but not necessarily in the same order. Only B is kept above G. Only C is kept between G and E. Only A is kept below D. How many boxes are kept below E?

Ans   ✗ 1. 1

     ✗ 2. 4

     ✔ 3. 3

     ✗ 4. 2

Q.34 Which of the following forests are predominantly found in areas receiving annual rainfall between 100 cm and 200 cm in India?

Ans   ✗ 1. Tropical evergreen forests

     ✗ 2. Thorn forests

     ✔ 3. Tropical deciduous forests

     ✗ 4. Alpine forests

Q.35 If + means −, − means ×, × means ÷, and ÷ means +, what will come in place of the question mark (?) in the following equation?

20 − 4 ÷ 7 + 12 × 4 = ?

Ans   ✗ 1. 90

     ✗ 2. 75

     ✔ 3. 84

     ✗ 4. 80

Q.36 If you move text using 'Cut and Paste', where does the text go before being pasted in MS Office?

Ans   ✗ 1. Disappears permanently until pasted

     ✗ 2. To the Recycle Bin

     ✗ 3. Stored in a temporary document

     ✔ 4. To the Clipboard

Q.37 Oil and fat containing food items are flushed with nitrogen because it:

Ans ✗ 1. Adds nutritional value to the product

✓ 2. Removes oxygen from the packaging

✗ 3. Enhances the flavour of the product

✗ 4. Removes hydrogen from the packaging

Q.38 The population of a village was 1,00,000. It increased by 5% in the first year and increased by 20% in the second year. Its population after two years is _____.

Ans ✗ 1. 1,20,000

✗ 2. 1,05,000

✓ 3. 1,26,000

✗ 4. 1,25,000

Q.39 In which year did Francois Martin establish Pondicherry, which later emerged as the Headquarters of the French in India?

Ans ✗ 1. 1612

✗ 2. 1762

✓ 3. 1674

✗ 4. 1794

Q.40 By selling an article for ₹112, a man loses 25%. At what price (in ₹) should he sell it to gain 50%?

Ans ✓ 1. 224

✗ 2. 234

✗ 3. 214

✗ 4. 244

Q.41 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'.

How is M related to Q if 'M − N + O × P ÷ Q'?

Ans ✗ 1. Father's father

✓ 2. Mother's mother's brother

✗ 3. Father's brother

✗ 4. Mother's father

Q.42 In January 2025, who was honoured with the Maharaja Hari Singh Award for administrative reforms in Jammu and Kashmir?

Ans ✗ 1. Satya Pal Malik

✓ 2. Manoj Sinha

✗ 3. Rajnath Singh

✗ 4. Girish Chandra Murmu

Q.43 In a certain code language, 'HUNT' is coded as '3517' and 'TIME' is coded as '2458'.
What is the code for 'T' in the given code language?

Ans ✓ 1. 5

✗ 2. 8

✗ 3. 7

✗ 4. 2

Q.44 Which statistical indicator is used to measure the depth of poverty by accounting for the extent to which individuals fall below the poverty line?

Ans ✗ 1. Gini Coefficient

✗ 2. Headcount Ratio

✓ 3. Poverty Gap Index

✗ 4. Dependency Ratio

Q.45 In March 2025, which national day or week emphasised industrial workplace safety?

Ans ✓ 1. National Safety Week

✗ 2. Bharat Suraksha Week

✗ 3. Safety and Labour Day

✗ 4. Industrial Safety Day

Q.46 Which of the following statements about the Exercise KHANJAR-XII, conducted in March 2025 is/are correct?

1. The exercise was held in the Ladakh region.
2. The exercise was focused on Counter Terrorism and Special Forces operations.
3. The exercise involved troops from The Parachute Regiment (Special Forces) of India and Kyrgyz Scorpion Brigade.

Ans ✗ 1. 1, 2 and 3

✗ 2. Only 1 and 3

✗ 3. Only 2

✓ 4. Only 2 and 3

Q.47 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	F	T	E	P	A	U	X	R
Code	7	$	@	9	2	%	6	4

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?

TAEX

Ans ✗ 1. $ 2 @ 6

✗ 2. $ 2 2 6

✗ 3. $ @ @ 6

✓ 4. $ W @ W

Q.48 According to Global Debt Report 2025, what is the projected sovereign bond issuance in OECD countries for 2025?

Ans ✗ 1. $13 trillion

✓ 2. $17 trillion

✗ 3. $15 trillion

✗ 4. $10 trillion

Q.49 A can do a piece of work in 63 hours, B and C together can do it in 42 hours, while A and C together can do it in 27 hours. How long (in hours) will B alone take to do it?

Ans ✗ 1. 380

✓ 2. 378

✗ 3. 379

✗ 4. 377

Q.50 What percentage of India's population lives in urban areas according to the 2011 Census?

Ans ✗ 1. 34.78%

✗ 2. 33.50%

✓ 3. 31.16%

✗ 4. 32.30%

Q.51 What is a major drawback of the parliamentary system in terms of governance stability?

Ans ✗ 1. Elections are held only once every decade.

✗ 2. The judiciary frequently overrules executive decisions.

✗ 3. The President can dismiss the Prime Minister at any time.

✓ 4. Governments may collapse due to no-confidence motions or coalition disputes.

Q.52 According to the induced-fit model of enzyme action, substrate binding _____.

Ans ✗ 1. inhibits the enzyme by permanently altering its structure

✗ 2. leads to immediate release of the substrate without transformation

✓ 3. induces a conformational change that optimises the active site for catalysis

✗ 4. occurs without any change to the enzyme's active site

Q.53 M, N, O, P, Y and Z 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. Only two people live between N and P. Only two people live between Z and O. No one lives above Z. P lives below O but above Y. How many people lives below M?

Ans ✓ 1. Three

✗ 2. One

✗ 3. Two

✗ 4. Four

Q.54 What was the vote percentage and number of seats secured by the winning party in the 2024 Haryana Legislative Assembly elections?

Ans ✗ 1. 42.10% votes, 50 seats

✓ 2. 39.94% votes, 48 seats

✗ 3. 36.49% votes, 48 seats

✗ 4. 44.85% votes, 52 seats

Q.55 Who discovered the Maski Ashoka Inscription?

Ans ✗ 1. Christian Lassen

✗ 2. James Prinsep

✗ 3. Lord Canning

✓ 4. C Beadon

Q.56 Which Article of the Constitution of India prohibits Indian citizens from accepting any title from a foreign state?

Ans ✗ 1. Article 16

  ✗ 2. Article 17

  ✗ 3. Article 15

  ✓ 4. Article 18

Q.57 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. QR−TU

  ✗ 2. WX−ZA

  ✓ 3. FG−HL

  ✗ 4. DE−GH

Q.58 Which of these ports is located on the Western Coastal Plain?

Ans ✗ 1. Visakhapatnam

  ✓ 2. Cochin

  ✗ 3. Paradip

  ✗ 4. Chennai

Q.59 Udyami Bharat, MUDRA Yojana, Emergency Credit Line Guarantee Scheme, SFURTI and RAMP schemes are associated with the development of which sector?

Ans ✗ 1. Iron and steel industries

  ✓ 2. Micro, small, medium enterprises

  ✗ 3. Drugs and pharmaceuticals industry

  ✗ 4. Mining sector

Q.60 According to February 2025 data, how many Khelo India Athletes were included in India's Paris 2024 Olympics contingent?

Ans ✗ 1. 31

  ✓ 2. 28

  ✗ 3. 35

  ✗ 4. 38

Q.61 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	6	@	8	5	$	&	3	%	#	7	+	9	4	2
Code	F	G	H	N	L	K	C	Q	Z	P	R	B	U	E

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?

5 3 + 4

Ans   ✗ 1. U C R N

     ✗ 2. N C R U

     ✔ 3. © C R ©

     ✗ 4. N R C U

Q.62 Eight people, A, B, C, D, E, F, G and H, are sitting is a straight line facing south. B is sitting at one of the ends of the line. G is sitting to the immediate left of C. A is sitting to the immediate left of H and immediate right of C. Only 3 people are sitting to the right of E. D is sitting to the immediate left of B. Who is sitting to the immediate left of D?

Ans   ✗ 1. H

     ✗ 2. E

     ✗ 3. C

     ✔ 4. F

Q.63 The difference between the simple interest and the compound interest, compounded annually, on a certain sum of money for 2 years at 10% per annum is ₹407. Find the sum [rounded off to the nearest integer].

Ans   ✗ 1. ₹40,719

     ✗ 2. ₹40,698

     ✔ 3. ₹40,700

     ✗ 4. ₹40,680

Q.64 What will come in the place of the question mark (?) in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?

121 ÷ 6 + 384 × 3 − 31 =?

Ans   ✗ 1. 623

     ✗ 2. 621

     ✗ 3. 626

     ✔ 4. 629

Q.65 What is the approximate total length of the Northern Plains (from West to East)?

Ans   ✔ 1. 2,400 km

     ✗ 2. 1,200 km

     ✗ 3. 1,500 km

     ✗ 4. 2,000 km

Q.66 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only

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

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

Ans
✗ 1. Four

✗ 2. Three

✗ 3. One

✔ 4. Two

Q.67 When 1272, 2636 and 4209 are divided by the greatest number x, the remainder in each case is y. What is the value of (3x − 14y)?

Ans
✔ 1. −65

✗ 2. −60

✗ 3. −61

✗ 4. −63

Q.68 Which two leaders co-chaired the AI Action Summit in Paris in February 2025?

Ans
✗ 1. Rishi Sunak and Narendra Modi

✗ 2. Joe Biden and Emmanuel Macron

✔ 3. Emmanuel Macron and Narendra Modi

✗ 4. Olaf Scholz and Xi Jinping

Q.69 What is the shortcut to open an MS PowerPoint file directly from the application?

Ans
✗ 1. Ctrl + S

✗ 2. Ctrl + N

✔ 3. Ctrl + O

✗ 4. Ctrl + P

Q.70 To which regional language's literature did Girish Karnad contribute most through his works?

Ans
✗ 1. Telugu

✗ 2. Tamil

✗ 3. Malayalam

✔ 4. Kannada

Q.71 If 'P' stands for '÷', 'Q' stands for '×', 'R' stands for '+' and 'S' stands for '−', then the resultant of which of the following would be 182?

Ans
✗ 1. 96 S 16 P 112 Q 48 R 6

✗ 2. 96 R 16 Q 112 P 48 S 6

✗ 3. 96 Q 16 R 112 S 48 P 6

✔ 4. 96 P 16 S 112 R 48 Q 6

Q.72 AB is parallel to CD. A transversal PQ intersects AB and CD at E and F, respectively, and ∠PEB = 42°. G is a point between AB and CD such that ∠BEG = 21° and ∠GFE = 34°. What is the measure of ∠EGF?

Ans
✔ 1. 29°

✗ 2. 24°

✗ 3. 20°

✗ 4. 33°

Q.73 Vimal ranked 19th from the top and 24th from the bottom in his class. How many students are there in his class?

Ans ✓ 1. 42

✗ 2. 43

✗ 3. 40

✗ 4. 41

Q.74 The median of the observations 71, 95, 67, 55, 78, 45, 58, 44, 69, 41 and 88 is:

Ans ✓ 1. 67

✗ 2. 69

✗ 3. 55

✗ 4. 58

Q.75 If 3 times the brother's present age is 25 years more than 5 times her sister's age, and 5 times the sister's age is 5 years less than the brother's age, then what is the difference (in years) between the present ages of the brother and the sister?

Ans ✓ 1. 9

✗ 2. 8

✗ 3. 12

✗ 4. 10

Q.76 When x is added to each of 29, 31, 7 and 8, then the numbers so obtained, in this order, are in proportion. Then, if 5x : y :: y : (2x-3), and y > 0, what is the value of y?

Ans ✗ 1. 35

✓ 2. 45

✗ 3. 29

✗ 4. 56

Q.77 The marked price of a bed is ₹568, which is 26% above the cost price. If the profit percentage is 13%. Find the discount percentage (rounded off to two decimal places).

Ans ✓ 1. 10.32%

✗ 2. 13.33%

✗ 3. 8.98%

✗ 4. 10.93%

Q.78 This question is based on the five, three-digit numbers given below.

(Left) 219 539 568 670 131 (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 subtracted from the second digit of the lowest number?

Ans ✗ 1. −3

✓ 2. −4

✗ 3. −5

✗ 4. −1

Q.79 By how much did urban infrastructure investments increase from Fiscal Year 2019 to Fiscal Year 2023?

Ans ✓ 1. 10%

✗ 2. 8%

✗ 3. 3%

✗ 4. 5%

Q.80 In the 2024 Supreme Court case 'Aligarh Muslim University vs Naresh Agarwal (November 2024)', what did the majority of the Court hold regarding the minority status of educational institutions?

Ans ✗ 1. An institution must be entirely managed by the minority community to qualify as a minority institution.

✗ 2. Educational institutions established by statute cannot be considered minority institutions under Article 30(1).

✗ 3. The majority of the judges (4 out of 7 in opinion) of the bench concluded the Azeez Basha case and violated the AMU's minority status.

✓ 4. Institutions created before 1950 can still be considered minority institutions, even if incorporated by statute.

Q.81 Who was the head of the Kayastha community?

Ans ✗ 1. Pustapala

✓ 2. Prathamakayastha

✗ 3. Uparika

✗ 4. Prathamakulika

Q.82 How many naturally occurring elements did the periodic law originally reveal analogies among?

Ans ✗ 1. 96

✓ 2. 94

✗ 3. 91

✗ 4. 89

Q.83 Which of the following is the highest point of the Satpura Range?

Ans ✗ 1. Anai Mudi

✗ 2. Parasnath

✓ 3. Dhupgarh

✗ 4. Mount Abu

Q.84 The Bhagirathi and Alaknanda join to form the Ganga at _____.

Ans ✗ 1. Rudraprayag

✗ 2. Haridwar

✗ 3. Rishikesh

✓ 4. Devprayag

Q.85 The area of the base of a right circular cone is 3136 π cm^2 and its slant height is 65 cm. The curved surface area of the cone (in cm^2) is:

Ans ✗ 1. 3500π

✗ 2. 3460π

✓ 3. 3640π

✗ 4. 3065π

Q.86 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 ::?

: IFL :: KHN : %

Ans ✗ 1. # = LPG, % = NUY

✗ 2. # = KHY, % = NHU

✗ 3. # = CJS, % = KJI

✓ 4. # = DAG, % = PMS

Q.87 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 € 4 5 3 € 1 1 € 6 7 # 7 4 £ 6 € (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. 2

✗ 2. 3

✓ 3. 1

✗ 4. 0

Q.88 TK 14 is related to YH 5 in a certain way. In the same way, MN 5 is related to RK −4. To which of the given options is SV 0 related, following the same logic?

Ans ✗ 1. XT −11

✗ 2. PR −13

✓ 3. XS −9

✗ 4. WV −7

Q.89 Find the simple interest (in ₹) if a sum of ₹350 is borrowed for 2.5 years at 4% per annum rate of interest.

Ans ✓ 1. 35

✗ 2. 135

✗ 3. 15

✗ 4. 85

Q.90 The area of a square is 2304 cm^2. Its perimeter is equal to the perimet

Ans ✗ 1. 1494

✗ 2. 1510

✗ 3. $1582\sqrt{3}$

✓ 4. $1536\sqrt{3}$

Q.91 The Singh Sabha movement is associated with which community?

Ans ✓ 1. Sikh

✗ 2. Parsi

✗ 3. Muslim

✗ 4. Hindu

Q.92 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:
Some nuts are black.
All black are crows.
All crows are pens.

Conclusions:
(I) All nuts are black.
(II) Some black are crows.

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.93 If 10 : A :: A : 40, find the positive value of A.

Ans ✗ 1. 21

✓ 2. 20

✗ 3. 18

✗ 4. 23

Q.94 Simplify: $\dfrac{93}{28} \times (70 + 42) + 82$

Ans ✗ 1. 459

✓ 2. 454

✗ 3. 464

✗ 4. 458

Q.95 Select the number from among the given options that can replace the question mark (?) in the following series.

22 25.1 28.2 31.3 ? 37.5

Ans ✗ 1. 33.5

✗ 2. 34.1

✗ 3. 32.4

✓ 4. 34.4

Q.96 EUQF is related to BPNA in a certain way based on the English alphabetical order. In the same way, YKKV is related to VFHQ. To which of the given options is SAEL related, following the same logic?

Ans ✗ 1. QUVH

✓ 2. PVBG

✗ 3. QWCH

✗ 4. OVAG

Q.97 What is the significance of the NVS-02 satellite launched in 2025?

Ans ✗ 1. It will provide weather forecasting services.

✗ 2. It will provide communication services to rural areas.

✓ 3. It will enhance India's regional navigation capabilities.

✗ 4. It will conduct scientific experiments in space.

Q.98 Due to decrease in manpower, the production in a factory decreases by 10%. By what percentage should the working hours be increased to restore the original production?

Ans ✗ 1. $8\dfrac{1}{3}\%$

✗ 2. 10%

✗ 3. $16\dfrac{2}{3}\%$

✓ 4. $11\dfrac{1}{9}\%$

Q.99 In India, what are municipalities primarily responsible for?

Ans ✗ 1. Conducting national elections

✓ 2. Administration of small cities or towns

✗ 3. Managing defense-related municipal activities

✗ 4. Controlling all ports in India

Q.10 What should come in place of the question mark (?) in the given series based on the
English alphabetical order?

EBY XUR QNK JGD ?

Ans ✔ 1. CZW

✘ 2. WCZ

✘ 3. CWZ

✘ 4. WZC