Test Date	23/06/2025
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 Which of the following is a major challenge facing the development of inland waterways in India?

Ans
✗ 1. Minimal environmental concerns
✓ 2. Lack of adequate terminal facilities
✗ 3. High levels of private investment
✗ 4. Well-established infrastructure

Q.2 A cistern can be filled with water by a pipe in 10 hours, and it can be emptied by a second pipe in 8 hours. If both the pipes are opened when the cistern is full, the time in which it will be emptied is:

Ans
✗ 1. 45 hours
✗ 2. 42 hours
✗ 3. 44 hours
✓ 4. 40 hours

Q.3 Who among the following wrote the book 'I am a Soldier's wife'?

Ans
✗ 1. Dr. Aishwarya Pandit
✗ 2. Soumitra Chatterjee
✗ 3. Namita Gokhale
✓ 4. Geetika Lidder

Q.4 Which state had the highest multidimensional poverty index according to the National Multidimensional Poverty Index 2023?

Ans
✗ 1. Uttar Pradesh
✓ 2. Bihar
✗ 3. Rajasthan
✗ 4. Madhya Pradesh

Q.5 Firoz ranked 38th from the top and 28th from the bottom in his class. How many students are there in his class?

Ans
✓ 1. 65
✗ 2. 66
✗ 3. 63
✗ 4. 64

Q.6	A, B, L, M, S, T and Z are sitting around a circular table facing the centre. T sits third to the left of S. M sits second to the left of A. Only S sits between L and M. B is not an immediate neighbour of T. How many people sit between Z and M when counted from the right of Z?
Ans	✗ 1. 1
	✓ 2. 2
	✗ 3. 3
	✗ 4. 4

Q.7	Under its original jurisdiction, the Supreme Court of India can adjudicate disputes between:
Ans	✓ 1. The Centre and one or more states
	✗ 2. A state government and a private corporation
	✗ 3. Two private citizens from different states
	✗ 4. Two municipal corporations of different states

Q.8	A motorist covers a distance of 30 km in 50 minutes by moving at a speed of x km/hr for the first 13 minutes, then moving at the speed of 2x km/hr for the next 25 minutes and then again moving at the speed of x km/hr for the rest of the journey. The value of x is equal to:
Ans	✗ 1. 29
	✗ 2. 27
	✗ 3. 21
	✓ 4. 24

Q.9	The crest of a wave is the point where the disturbance is at:
Ans	✗ 1. constant point
	✗ 2. zero point
	✓ 3. maximum point
	✗ 4. minimum point

Q.10	What happens if you start a new blank presentation while another presentation is already open in MS PowerPoint?
Ans	✗ 1. The slides from the current presentation are copied to the new one.
	✓ 2. A new MS PowerPoint window opens with the blank presentation.
	✗ 3. MS PowerPoint displays an error message.
	✗ 4. The current presentation closes automatically.

Q.11	A student scored the following marks: 78, 85, 69, and 90 in four subjects. What score is required in the fifth subject to achieve an average of 80 marks across all five subjects?
Ans	✗ 1. 88
	✗ 2. 94
	✓ 3. 78
	✗ 4. 82

Q.12	Find the median from the following data.

Age in years	20-30	30-40	40-50	50-60	60-70	70-80	80-90
No. of patients	12	16	30	20	17	38	15

Ans	✗ 1. 74 years
	✗ 2. 49 years
	✓ 3. 58 years
	✗ 4. 46 years

Q.13	The shorter side of a rectangle is 21 cm less than the longer side. The numerical value of its area is equal to 7 times the numerical value of its perimeter. What is the length (in cm) of its longer side?
Ans	✗ 1. 56
	✗ 2. 47
	✗ 3. 39
	✔ 4. 42

Q.14	The volume and height of a cylinder are 8470 cm^3 and 2.2 cm, respectively. Find the radius (in cm) of the cylinder. $$Use\ \pi\ =\ \frac{22}{7}$$
Ans	✔ 1. 35
	✗ 2. 44
	✗ 3. 26
	✗ 4. 38

Q.15	Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. T has the exam immediately after P. R has the exam before S but after V. Q has the exam on Sunday. Only four people have exams between P and U. How many people have exams between V and P?
Ans	✔ 1. One
	✗ 2. Two
	✗ 3. Four
	✗ 4. Three

Q.16	Vikram, Anjali and Raj started a business in partnership, investing in the ratio of 7 : 3 : 20, respectively. At the end of the year, they earned a profit of ₹28,800, which is 25% of their total investment. How much did Anjali invest (in ₹)?
Ans	✗ 1. ₹11,472
	✗ 2. ₹11,564
	✔ 3. ₹11,520
	✗ 4. ₹11,682

Q.17	Which hill station is located in the Nilgiri Hills?
Ans	✗ 1. Darjeeling
	✔ 2. Ooty
	✗ 3. Mussoorie
	✗ 4. Shimla

Q.18	Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. (Left) 5 @ 6 # 8 $ % 1 9 ^ 7 ≺ 2 3 ≻ 4 (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. One
	✗ 2. Three
	✗ 3. Two
	✔ 4. More than three

Q.19	Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. (Note: All numbers are single digit numbers only.)
	(Left) € & % & 5 6 3 1 © 1 4 6 @ £ @ $ 8 8 £ 8 % 1 (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. 2
	✗ 2. 3
	✗ 3. 0
	✔ 4. 1

Q.20	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	÷	7	%	@	+	8	4	-	2	#	3	9	&
Code	P	E	S	H	W	Q	G	T	I	M	Z	A	V	R

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

3 ÷ 7 @ 4

Ans	✗ 1. AESWT
	✗ 2. AESWA
	✗ 3. TEAWA
	✔ 4. TESWA

Q.21	X varies inversely as Y and Y varies inversely as Z. In a particular case, $X = \dfrac{1}{16}$ and $Z = \dfrac{1}{32}$. What will be the value of X when Z = 3?
Ans	✔ 1. 6
	✗ 2. 9
	✗ 3. 8
	✗ 4. 7

Q.22	The popular music of Bengal, which represents spiritual folk song, is known as:
Ans	✗ 1. Ovi
	✔ 2. Baul
	✗ 3. Bhakha
	✗ 4. Wanawan

Q.23	Which of the following statements about the PM Electric Drive Revolution in Innovative Vehicle Enhancement (PM E-DRIVE) Scheme launched in 2024 is/are correct? The scheme will remain in force until 31 March 2026. One of the key aims of PM E-DRIVE is to provide direct subsidies to petrol and diesel vehicles to improve their fuel efficiency. The scheme includes provisions to support the development of EV charging infrastructure. PM E-DRIVE focuses exclusively on private vehicle ownership.
Ans	✗ 1. Only 1, 3 and 4
	✗ 2. Only 1
	✗ 3. 2 and 4
	✔ 4. Only 1 and 3

Q.24	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 :: ? # : MTZ :: KRX : %
Ans	✗ 1. # = HOU, % = PWP
	✗ 2. # = YOU, % = PWC
	✗ 3. # = HYU, % = PWC
	✔ 4. # = HOU, % = PWC

Q.25	In October 2024, India and Pakistan agreed to extend the Kartarpur Corridor agreement for how many additional years?
Ans	✔ 1. 5
	✗ 2. 3
	✗ 3. 10
	✗ 4. 7

Q.26	What should come in place of the question mark (?) in the given series? 1312 1320 1330 1342 1356 ?
Ans	✔ 1. 1372
	✗ 2. 1370
	✗ 3. 1374
	✗ 4. 1368

Q.27	Where was the 67th Governing Body Meeting of the Asian Productivity Organization (APO) held in May 2025?
Ans	✗ 1. New Delhi, India
	✗ 2. Bangkok, Thailand
	✔ 3. Jakarta, Indonesia
	✗ 4. Tokyo, Japan

Q.28	Which of the following is the smallest inhabited island in the Union Territory of Lakshadweep?
Ans	✗ 1. Minicoy
	✔ 2. Bitra
	✗ 3. Kavaratti
	✗ 4. Agatti

Q.29	The median of the observations 87, 56, 27, 31, 13, 39, 18, 80, 98, 92 and 25 is:
Ans	✗ 1. 25
	✗ 2. 56
	✓ 3. 39
	✗ 4. 31

Q.30	In March 2025, researchers from Northwestern University identified which smartwatch-based metric as a useful predictor of cardiovascular health risks?
Ans	✗ 1. Weekly Step-to-Cardiac Output Index (WSCO)
	✗ 2. Wearable Activity Pressure Estimate Scale (WAPES)
	✗ 3. Resting Pulse-to-Movement Ratio (RPMR)
	✓ 4. Daily Heart Rate Per Step (DHRPS)

Q.31	According to the Ministry of Finance, States' SGST revenue, including compensation released to States, in the post-GST period of 2017-18 to 2022-23 has achieved a tax buoyancy of _____.
Ans	✗ 1. zero
	✗ 2. greater than 10
	✓ 3. more than 1
	✗ 4. less than 1

Q.32	A and B complete a work in 2 days. If A alone can do it in 38 days, then B alone can do 9-times of the same work in _____ days.
Ans	✗ 1. 10
	✗ 2. 9
	✗ 3. 20
	✓ 4. 19

Q.33	If A's salary is 16% more than that of B, then by what percentage is B's salary less than that of A (correct to two decimal places)?
Ans	✓ 1. 13.79%
	✗ 2. 13.62%
	✗ 3. 15.05%
	✗ 4. 12.72%

Q.34	In a certain code language, 'YOUR' is coded as '5683' and 'UNIT' is coded as '2519'. What is the code for 'U' in the given code language?
Ans	✓ 1. 5
	✗ 2. 8
	✗ 3. 9
	✗ 4. 2

Q.35	Mr. D starts from Point P and drives 11 km towards the South. He then takes a left turn, drives 6 km, turns right and drives 12 km. He then takes a left turn and drives 1 km. He takes a final left turn derives 23 km and stops at Point Q. How far (shortest distance) and towards which direction should he drive in order to reach Point P again? (All turns are 90 degrees turns only unless specified.)
Ans	✗ 1. 3 km towards the North
	✗ 2. 4 km towards the South
	✓ 3. 7 km towards the West
	✗ 4. 7 km towards the East

Q.36 Consider the following statements regarding the Africa India Key Maritime Engagement (AIKEYME) conducted in mid-April 2025.
AIKEYME is a multilateral exercise co-hosted by the Indian Navy and Tanzania Peoples' Defence Force (TPDF).
The exercise was planned in Maputo, Mozambique, and tackled maritime security threats like piracy.
The exercise happened in two phases: the Harbour Phase included training on Seamanship and Visit Board Search and Seizure (VBSS), while the Sea Phase included Small Arms firing, Helicopter Operations and Search and Rescue.
Which of the above statements are correct?

Ans ✔ 1. Only 1 and 3

✘ 2. Only 1 and 2

✘ 3. Only 3

✘ 4. 1, 2 and 3

Q.37 In a certain code language,

A + B means 'A is the son of B',
A – B means 'A is the sister of B',
A x B means 'A is the wife of B' and
A ÷ B means 'A is the father of B'.

Based on the above, how is E related to K if 'E + F – G ÷ H x K'?

Ans ✔ 1. Wife's father's sister's son

✘ 2. Wife's father's brother's son

✘ 3. Wife's mother's sister's son

✘ 4. Wife's mother's brother's son

Q.38 India's trade structure under British colonial rule was molded to serve the economic interests of Britain. Which of the following best describes India's trade structure at the eve of Independence?

Ans ✔ 1. Export of raw materials, import of manufactured goods

✘ 2. Balanced two-way trade with Europe only

✘ 3. Export of capital, import of labour

✘ 4. Export of industrial goods, import of food

Q.39 If a : b :: b : c, c = 9a and b = 6, then find the positive value of c.

Ans ✘ 1. 17

✔ 2. 18

✘ 3. 22

✘ 4. 15

Q.40 Simplify the following:

$$1\frac{4}{9} \times 5\frac{2}{9} \times 324 + 9\frac{3}{4}$$

Ans ✘ 1. 2451.25

✘ 2. 2477.55

✘ 3. 2452.85

✔ 4. 2453.75

Q.41	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. GE – ZU	
	✓ 2. PN – JD	
	✗ 3. LJ – EZ	
	✗ 4. QO – JE	

Q.42	The average of eight numbers is 80. Find the least number if it is $\dfrac{1}{16}$ of the sum of the numbers.	
Ans	✓ 1. 40	
	✗ 2. 41	
	✗ 3. 43	
	✗ 4. 42	

Q.43	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 bottles are glasses. No glasses are plates. Some plates are spoons. Conclusion (I) No bottles are plates. Conclusion (II) No spoons are glasses.	
Ans	✗ 1. Only Conclusion (II) is true	
	✗ 2. Both Conclusion (I) and (II) are true	
	✗ 3. Neither Conclusion (I) nor (II) is true	
	✓ 4. Only Conclusion (I) is true	

Q.44	By how much is 60% of 40 greater than $\dfrac{2}{5}$ of 55?	
Ans	✗ 1. 4	
	✓ 2. 2	
	✗ 3. 1	
	✗ 4. 3	

Q.45	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 that follows the same logic. WORK - OWRK - KOWR FERN - EFRN - NEFR	
Ans	✗ 1. RATE - ARTE - ATER	
	✓ 2. WIND - IWND - DIWN	
	✗ 3. QUIT - UQIT - TUIQ	
	✗ 4. DRUM - DURM - MURD	

Q.46	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? (11 S 7) P 3 R 41 S 8 P 12 R 54 = ?	
Ans	✗ 1. 70	
	✓ 2. 55	
	✗ 3. 32	
	✗ 4. 40	

Q.47	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.) (23, 253, 11) (46, 1104, 24)	
Ans	✗ 1. (4, 11, 2)	
	✗ 2. (1, 12, 9)	
	✗ 3. (25, 253, 10)	
	✓ 4. (25, 525, 21)	

Q.48	What should come in place of the question mark (?) in the given series based on the English alphabetical order? TWY RUW PSU NQS ?	
Ans	✗ 1. LOR	
	✗ 2. LPR	
	✓ 3. LOQ	
	✗ 4. LPQ	

Q.49	Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete? LOH 1, JMG 8, HKF 27, FIE 64, ?	
Ans	✗ 1. DAD 144	
	✗ 2. DFD 125	
	✗ 3. DCD 144	
	✓ 4. DGD 125	

Q.50	Simplify: $\dfrac{\cot\theta}{\csc\theta+1} + \dfrac{\csc\theta+1}{\cot\theta}$	
Ans	✗ 1. $2\csc\theta$	
	✗ 2. $2\sin\theta$	
	✓ 3. $2\sec\theta$	
	✗ 4. $2\cos\theta$	

Q.51	Which of the following movements, though initially religious in nature, later evolved into a peasant movement under the leadership of Dudu Miyan, son of Haji Shariatullah?	
Ans	✗ 1. Mappila Uprising	
	✗ 2. Wahabi Movement	
	✗ 3. Bhill Uprising	
	✓ 4. Farazi Movement	

Q.52 Consider the following statements regarding the Minimum Alternate Tax (MAT) in Indian tax regime.

1. MAT is calculated at 15% on the book profit or at the usual corporate rates, and whichever is lower is payable as tax.
2. Only domestic companies in India fall under this provision.
3. MAT is an important tool with which tax avoidance can be prevented.

Which of the statements given above is/are correct?

Ans

✔ 1. Only 3

✘ 2. Only 1 and 2

✘ 3. Only 1 and 3

✘ 4. 1, 2 and 3

Q.53 The simplified value of 48 - (-18) × (-60 - 72 - 92) ÷ [8 × { 2 + (-6) × (-9)}] is:

Ans ✘ 1. 34

✔ 2. 39

✘ 3. 36

✘ 4. 37

Q.54 In 1610, the Dutch established a factory in which of the following places, which later became the headquarters of the Dutch directorate for the Coromandel region?

Ans ✔ 1. Pulicat

✘ 2. Cochin

✘ 3. Bombay

✘ 4. Surat

Q.55 According to the Global Risks Perception Survey (GRPS) 2025, what percentage of respondents selected 'risk associated with extreme weather events' as a key concern for the year ahead?

Ans ✔ 1. 14%

✘ 2. 25%

✘ 3. 20%

✘ 4. 22%

Q.56 15 chairs and 19 tables cost ₹5,300 and 19 chairs and 19 tables cost ₹5,700. What is the cost of 12 chairs and 13 tables?

Ans ✘ 1. ₹3,799

✔ 2. ₹3,800

✘ 3. ₹3,795

✘ 4. ₹3,801

Q.57 The Kalapani dispute is between India and which of these?

Ans ✔ 1. Nepal

✘ 2. China

✘ 3. Bhutan

✘ 4. Bangladesh

Q.58	Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. (Note: All numbers are single digit numbers only.)
	(Left) & # © @ 7 2 5 1 4 © 4 2 £ & 9 1 % # 4 4 & 1 (Right)
	How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by a number?
Ans	✗ 1. 3
	✗ 2. 1
	✗ 3. 0
	✔ 4. 2

Q.59	In Linux OS, which command is used to rename a file from oldname.txt to newname.txt ?
Ans	✗ 1. Create oldname.txt newname.txt
	✗ 2. touch oldname.txt newname.txt
	✗ 3. cp oldname.txt newname.txt
	✔ 4. mv oldname.txt newname.txt

Q.60	The ratio of the lengths of two corresponding sides of two similar triangles is 3 : 10. The ratio of the areas of these two triangles, in the order mentioned, is:
Ans	✔ 1. 9 : 100
	✗ 2. 10 : 101
	✗ 3. $3\sqrt{3}$: 10
	✗ 4. 3 : 10

Q.61	A boat takes 27 minutes to go 37.2 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 79.4 km upstream and 85.8 km downstream?
Ans	✗ 1. 4.2
	✔ 2. 1.2
	✗ 3. 3.9
	✗ 4. 2.6

Q.62	If 1 is added to each odd digit and 1 is subtracted from each even digit in the number 8146752, what will be the difference between the last and first digits from the left in the new number thus formed?
Ans	✗ 1. 3
	✗ 2. 4
	✔ 3. 6
	✗ 4. 5

Q.63	What was the name of the team that emerged victorious in the Aditya Birla Memorial Polo Cup 2025?
Ans	✔ 1. Rajnigandha Achievers
	✗ 2. Jindal Panther
	✗ 3. New Delhi Polo Team
	✗ 4. Aditya Birla Polo Team

Q.64	If 1 is added to each even digit and 2 is subtracted from each odd digit in the number 2756493, then which of the following digits will be second from the left in the new number thus formed?
Ans	✗ 1. 1
	✓ 2. 5
	✗ 3. 3
	✗ 4. 6

Q.65	The successive discounts of 29%, 18% and 9% are equivalent to a single discount of: (Rounded up to two decimal places.)
Ans	✓ 1. 47.02%
	✗ 2. 48.05%
	✗ 3. 49.36%
	✗ 4. 44.35%

Q.66	Mr. STU starts from Point A and drives 33 km towards the east. He then takes a left turn, drives 21 km, turns left and drives 41 km. He then takes a left turn and drives 41 km. He takes a final left turn, drives 8 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. 20 km to the north
	✗ 2. 17 km to the north
	✗ 3. 12 km to the south
	✗ 4. 13 km to the east

Q.67	What is the nature of wavefront from a point source in an isotropic medium?
Ans	✗ 1. Cylindrical
	✓ 2. Spherical
	✗ 3. Elliptical
	✗ 4. Plane

Q.68	What should come in place of the question mark (?) in the given series? 21, 52, 87, 126, 169, ?
Ans	✗ 1. 227
	✗ 2. 221
	✗ 3. 232
	✓ 4. 216

Q.69	The prince Swati Tirunal was a patron of which of the following dance forms?
Ans	✗ 1. Odissi
	✗ 2. Kathakali
	✓ 3. Mohiniattam
	✗ 4. Bharatanatyam

Q.70	Which country's football federation had its FIFA suspension lifted in May 2025 after resolving issues related to third-party interference?
Ans	✗ 1. Cameroon
	✗ 2. Nigeria
	✓ 3. Republic of the Congo
	✗ 4. Democratic Republic of the Congo

Q.71	Seven people, A, B, L, M, N, S, and T are sitting in a row, facing north. Only two people sit to the right of T. Only two people sit between T and N. Only two people sit between M and A. A sits to the immediate left of T. B sits to the immediate right of S. Who sits at third position from the left end of the line?
Ans	✅ 1. L
	❌ 2. D
	❌ 3. T
	❌ 4. A

Q.72	In a certain code language, 'NEST' is coded as '4683' and 'SOUP' is coded as '2319'. What is the code for 'S' in the given code language?
Ans	✅ 1. 3
	❌ 2. 1
	❌ 3. 9
	❌ 4. 2

Q.73	What is the term for elected members serving on the board of a co-operative society?
Ans	❌ 1. 3 years
	✅ 2. 5 years
	❌ 3. 4 years
	❌ 4. 6 years

Q.74	The profit made on a product is 79%. What is the loss percentage (correct to two decimal places) incurred on the sale if the figures of both the cost price and the selling price are interchanged?
Ans	❌ 1. 45.77%
	❌ 2. 46.79%
	❌ 3. 45.18%
	✅ 4. 44.13%

Q.75	What is the significance of PowerPoint's "Protected View", while opening a downloaded file?
Ans	❌ 1. Macros are enabled automatically
	✅ 2. It opens the file in a read-only mode, disabling most editing features
	❌ 3. The presentation is encrypted and cannot be viewed
	❌ 4. The file is corrupted

Q.76	As per the Monetary Policy Statement, 2025-26, the Consumer Price Index (CPI) inflation for the financial year 2025-26 is projected at what percentage?
Ans	✅ 1. 4.0%
	❌ 2. 5.4%
	❌ 3. 5.8%
	❌ 4. 6.0%

Q.77	Find the roots of the quadratic equation $5x^2 - 12x - 17 = 0$.
Ans	❌ 1. $1, \dfrac{-17}{5}$
	✅ 2. $-1, \dfrac{17}{5}$
	❌ 3. $-1, \dfrac{-17}{5}$
	❌ 4. $1, \dfrac{17}{5}$

Q.78	A (x, 5), B (3, – 4) and C (– 6, y) are the three vertices of a triangle ABC. If (3.5, 4.5) is the centroid of the triangle, find the point (x + 3, y – 4).	
Ans	✔ 1. (16.5, 8.5)	
	✘ 2. (13.5, 12.5)	
	✘ 3. (8.5, 16.5)	
	✘ 4. (15.5, 9.5)	

Q.79	If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 74135296, how many digits will appear more than once in the new number thus formed?	
Ans	✘ 1. One	
	✘ 2. Two	
	✔ 3. Three	
	✘ 4. Four	

Q.80	Who handled judicial matters in the provinces during the reign of the Gupta Empire?	
Ans	✘ 1. King	
	✘ 2. Ayuktaka	
	✔ 3. Uparika	
	✘ 4. Gramika	

Q.81	Which of the following is a key river in the Thar Desert region?	
Ans	✘ 1. Yamuna river	
	✘ 2. Sutlej river	
	✘ 3. Ghaggar river	
	✔ 4. Luni river	

Q.82	Which of the following provisions are covered under Article 4 of the Constitution of India?	
Ans	✘ 1. Emergency Provisions	
	✘ 2. Financial Powers	
	✘ 3. Fundamental Rights	
	✔ 4. Laws for reorganisation of states	

Q.83	Select the pair which follows the same pattern as that followed by the two set of pairs given below. Both pairs follow the same pattern. JOL : FRO MKH : INK	
Ans	✘ 1. LOA : HSD	
	✘ 2. NRF : JUH	
	✘ 3. RME : NPG	
	✔ 4. HPD : DSG	

Q.84	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. NRUA	
	✘ 2. GKNT	
	✔ 3. DGKQ	
	✘ 4. QUXD	

Q.85	Mukesh sold a car for ₹1,20,000 at 40% loss. For what price (in ₹) should he sell the car to gain 55% profit?
Ans	✗ 1. 3,09,999
	✗ 2. 3,10,002
	✔ 3. 3,10,000
	✗ 4. 3,09,998

Q.86	A sum of ₹x amounts to ₹83,853 in $2\frac{1}{2}$ years at 12% p.a., interest compounded 10 − monthly. What is the value of x?
Ans	✗ 1. 62,000
	✗ 2. 64,000
	✗ 3. 61,000
	✔ 4. 63,000

Q.87	In what time (in years) will ₹2,500 fetch an interest of ₹1,000 at 10% per year simple interest?
Ans	✗ 1. 6
	✗ 2. 7
	✔ 3. 4
	✗ 4. 5

Q.88	Which of the following best encapsulates the concept of a 'stored-program computer' as introduced by the Von Neumann architecture?
Ans	✗ 1. A computer that utilises separate memory units for data and instructions to optimise processing speed
	✗ 2. A computer that relies primarily on external storage devices for program execution
	✗ 3. A computer that can only execute a fixed set of instructions hardwired into its circuitry
	✔ 4. A computer where both data and instructions are stored in the same primary memory for sequential execution

Q.89	If $\dfrac{x+1}{x} = 17$ then $\dfrac{x^2+1}{x^2}$ is:
Ans	✗ 1. 279
	✗ 2. 288
	✗ 3. 277
	✔ 4. 287

Q.90	Seven boxes, G, H, I, J, O, P and Q, are kept one over the other but not necessarily in the same order. Only two boxes are kept below Q. Only one box is kept above G. Only one box is kept between G and H. I is kept immediately above J. P is kept at some place below O. How many boxes are kept between O and I?
Ans	✔ 1. Four
	✗ 2. Three
	✗ 3. Two
	✗ 4. One

Q.91	Which of the following statement(s) is/are correct regarding the Round Table Conferences held from 1930 to 1932? (a) The Round Table Conferences were held to discuss Constitutional Reforms and India's future government under British rule. (b) Mahatma Gandhi attended only the Second Round Table Conference in 1931.
Ans	✔ 1. Both (a) and (b)
	✘ 2. Only (a)
	✘ 3. Neither (a) nor (b)
	✘ 4. Only (b)

Q.92	Which Article of the Constitution of India provides guidelines for states to make laws on the protection of monuments and objects of national importance?
Ans	✔ 1. Article 49
	✘ 2. Article 50
	✘ 3. Article 48 A
	✘ 4. Article 48

Q.93	If $a^2 + b^2 = 90$ and $ab = 27$, then find the possible value of $\dfrac{a + b}{a - b}$.
Ans	✔ 1. 2
	✘ 2. 4
	✘ 3. 3
	✘ 4. 1

Q.94	The LCM of 48, 88 and another number, x, is 4752. Which of the following can be the value of x?
Ans	✘ 1. 202
	✘ 2. 307
	✔ 3. 216
	✘ 4. 123

Q.95	YAGK is related to PRXB in a certain way based on the English alphabetical order. In the same way, OQWA is related to FHNR. To which of the following options is NPVZ related, following the same logic?
Ans	✘ 1. EQMG
	✔ 2. EGMQ
	✘ 3. EGQM
	✘ 4. EQGM

Q.96	The last ruler of the Shunga dynasty was:
Ans	✘ 1. Agnimitra
	✔ 2. Devabhuti
	✘ 3. Vasumitra
	✘ 4. Bhagabhadra

Q.97	Which of the following statements about DNA and RNA is true?
Ans	✔ 1. RNA has multiple roles including catalytic functions.
	✘ 2. DNA acts only as a messenger molecule.
	✘ 3. RNA acts solely as genetic material in all living organisms.
	✘ 4. DNA is not present in viruses.

Q.98	**Which team did Vidarbha defeat in the 2024-25 Ranji Trophy final?**
Ans	✅ 1. Kerala
	❌ 2. Tamil Nadu
	❌ 3. Bengal
	❌ 4. Mumbai

Q.99	**Which keyboard shortcut is used to cut (move) text in MS Word?**
Ans	✅ 1. Ctrl + X
	❌ 2. Ctrl + Z
	❌ 3. Ctrl + V
	❌ 4. Ctrl + C

Q.100	**Which position within the Union Council of Ministers of India is immediately below the Prime Minister in hierarchy?**
Ans	✅ 1. Cabinet Minister
	❌ 2. Parliamentary Secretary
	❌ 3. Minister of State
	❌ 4. Deputy Minister