



Test Center Name	iON Digital Zone iDZ 1 Chinamushidiwada
Test Date	20/06/2025
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 shorter side of a rectangle is 21 cm less than the longer side. The numerical value of its area is equal to 5 times the numerical value of its perimeter. What is the length (in cm) of its longer side?

- Ans ☒ 1. 38
☒ 2. 32
☒ 3. 47
☒ 4. 35

Q.2 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. NR – TA
☒ 2. DH – IQ
☒ 3. XB – DK
☒ 4. RV – XE

Q.3 The successive discounts of 28%, 20% and 10% are equivalent to a single discount of:

- Ans ☒ 1. 46.1%
☒ 2. 48.16%
☒ 3. 46.69%
☒ 4. 50.59%

Q.4 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. D lives on an odd numbered floor but not 5. The sum of floors on which D and A live is 5. Only 3 people live between A and F. B lives immediately above E. How many people live above B?

- Ans ☒ 1. 2
☒ 2. 4
☒ 3. 1
☒ 4. 3

Q.5 The selling price of 20 books is equal to the cost price of 6 books. Find the loss or gain percentage.

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- Ans ☒ 1. 70% loss
☒ 2. 70% gain
☒ 3. $\frac{50}{7}$ % gain
☒ 4. $\frac{50}{7}$ % loss

Q.6 If $\sqrt{3} \tan A = 3 \sin A$, find the value of $(2\sqrt{3} \operatorname{cosec} A \times \tan A)$.

- Ans ☒ 1. 6
☒ 2. $\sqrt{3}$
☒ 3. $2\sqrt{3}$
☒ 4. 2

Q.7 The average of 10 observations is 40. It was realised later that an observation was misread as 32 in place of 43. Find the correct average.

- Ans ☒ 1. 44.1
☒ 2. 40.1
☒ 3. 41.1
☒ 4. 42.1

Q.8 In which year was the provision for the free legal aid to the poor added to the Directive Principles of the State Policy of the Constitution of India?

- Ans ☒ 1. 2002
☒ 2. 2011
☒ 3. 1978
☒ 4. 1976

Q.9 A man sold an article at a gain of 57%. If he had sold it for ₹238 more, he would have gained 82%. The cost price (in ₹) of the article is:

- Ans ☒ 1. 950
☒ 2. 949
☒ 3. 955
☒ 4. 952

Q.10 What is the function of the keyboard shortcut Ctrl + F in Windows OS?

- Ans ☒ 1. It checks and corrects spelling errors in text.
☒ 2. It forwards an email message to another recipient.
☒ 3. It formats content in a document or application.
☒ 4. It opens a search or find feature to locate text or items in files, webpages or applications.

Q.11 If the average of 6 consecutive odd numbers is 30, the difference between the largest and the smallest numbers is:

- Ans ☒ 1. 15
☒ 2. 18
☒ 3. 10
☒ 4. 16

Q.12 What role did the 'Dikus' play in igniting early tribal revolts of India?

- Ans ☒ 1. They were tribal priests encouraging the tribal revolt.
- ☒ 2. They were outsiders like landlords, moneylenders and officials exploiting tribal community.
- ☒ 3. They were British officials stationed in tribal areas.
- ☒ 4. They were perceived Gods of the forests.

Q.13 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 :: ?

: UEQ :: QAM : %

- Ans ☒ 1. # = CMY, % = ISE
- ☒ 2. # = FMY, % = ISE
- ☒ 3. # = CMY, % = ISO
- ☒ 4. # = CMY, % = IUE

Q.14 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 1862547, then what will the difference between the highest and lowest digits in the new number thus formed be?

- Ans ☒ 1. 6
- ☒ 2. 7
- ☒ 3. 8
- ☒ 4. 9

Q.15 As per the Union Budget 2025-26, a Maritime Development Fund with corpus of how much will be established?

- Ans ☒ 1. ₹15,000 crore
- ☒ 2. ₹20,000 crore
- ☒ 3. ₹10,000 crore
- ☒ 4. ₹25,000 crore

Q.16 With reference to computer systems, what does CPU stand for?

- Ans ☒ 1. Control Processing Unit
- ☒ 2. Computer Processing Utility
- ☒ 3. Central Programming Unit
- ☒ 4. Central Processing Unit

Q.17 Kalpana and Sudha got 621 and 522 marks, respectively, in the same examination. If Kalpana scored 69% marks, then what is the percentage of marks scored by Sudha?

- Ans ☒ 1. 58%
- ☒ 2. 55%
- ☒ 3. 60%
- ☒ 4. 59%

Q.18 An electric pump can fill a tank in 6 hours. Due to a leakage in the tank, it takes 10 hours to empty the full tank if water does not get in or out of the tank till the pump is closed.

- Ans ☒ 1. 39 hours
- ☒ 2. 30 hours
- ☒ 3. 44 hours
- ☒ 4. 33 hours

Q.19 Which of the given 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 ::?

: DZT :: QMG : %

- Ans
- ☐ 1. # = YPG, % = KUL
 - ☒ 2. # = YUO, % = VRL
 - ☐ 3. # = ZTY, % = VMH
 - ☐ 4. # = OYV, % = PYT

Q.20 What is the IMF's projected US GDP growth rate for 2025, as per the April 2025 forecast?

- Ans
- ☐ 1. 3.4%
 - ☐ 2. 3.7%
 - ☒ 3. 1.8%
 - ☐ 4. 2.5%

Q.21 Which of the following input devices primarily translates physical, real-world movements into digital signals that can be interpreted by a computer system for tasks such as navigation and object manipulation in a graphical environment?

- Ans
- ☒ 1. Mouse
 - ☐ 2. Microphone
 - ☐ 3. Keyboard
 - ☐ 4. Scanner

Q.22 The Union Council of Ministers in India, as the Chief Executive Organ, implicates which of the following?

- Ans
- ☐ 1. Centralisation of power in local bodies
 - ☒ 2. Each minister is the political head of his/her ministry
 - ☐ 3. The abolition of the role of the Secretary
 - ☐ 4. Ministers leave all work operations to be done by civil servants

Q.23 The Green Revolution was introduced to counter food shortages. Which region(s) was/were the initial focus of the Green Revolution?

- Ans
- ☒ 1. Punjab and Haryana
 - ☐ 2. Odisha and Assam
 - ☐ 3. Bihar
 - ☐ 4. Tamil Nadu

Q.24 In finding the HCF of two numbers by division method, the quotients are 4, 5, and 9, respectively, and the last divisor is 18. What is the LCM of the two numbers?

- Ans
- ☐ 1. 159803
 - ☒ 2. 159804
 - ☐ 3. 159806
 - ☐ 4. 159807

Q.25 In a certain code language, 'FIGS' is coded as '3648' and 'ICED' is coded as '1285'. What is the code for 'I' in the given code language?

- Ans
- ☐ 1. 6
 - ☒ 2. 8
 - ☐ 3. 5
 - ☐ 4. 1

Q.26 Evaluate: 81×112

Ans ☐ 1. 9082

☐ 2. 9172

☐ 3. 9062

☒ 4. 9072

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Q.27 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	4	6	@	#	3	+	8	9	7
Code	T	U	P	S	D	F	J	K	Z	C	V	B	N	M

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 cubes, the third element is to be coded as the code for the second element.

What will be the code for the following group?

3 9 8 *

Ans ☐ 1. CBBS

☐ 2. SNBC

☒ 3. CNBS

☐ 4. CNNS

Q.28 Which of the following mountain passes is located in the Pir Panjal range?

Ans ☒ 1. Banihal Pass

☐ 2. Zoji La

☐ 3. Nathu La

☐ 4. Shipki La

Q.29 Who discovered the antibacterial properties of a Penicillium fungus in 1929?

Ans ☐ 1. Paul Ehrlich

☒ 2. Alexander Fleming

☐ 3. Antonie van Leeuwenhoek

☐ 4. Marie Curie

Q.30 What makes DNA the most abundant genetic material?

Ans ☐ 1. Its interaction with proteins

☒ 2. Its stable double-helical structure

☐ 3. Its high mutation rate

☐ 4. Its enzymatic roles

Q.31 In $\triangle ABC$, $DE \parallel AC$, where D and E are the points on sides AB and AC respectively. If $BD = 12$ cm and $AD = 11$ cm, then what is the ratio of the area of $\triangle BDE$ to the area of $\triangle ABC$?

Ans ☒ 1. 144 : 385

☐ 2. 385 : 144

☐ 3. 390 : 413

☐ 4. 623 : 199

Q.32 A boat takes 39 minutes to go 27.9 km upstream. The ratio of the speed of the boat in still water to that of the stream is 9 : 4. How much total time (in hours) will the boat take to go 18.9 km upstream and 51.3 km downstream?

Ans ☒ 1. 0.9

☐ 2. 1.9

☐ 3. 2.6

☐ 4. 4.3

Q.33 Which of the following statements about the Supreme Court's writ jurisdiction is correct?

Ans ☐ 1. It extends to both Fundamental Rights and other legal rights.

☐ 2. It is exclusive and cannot be exercised by the High Courts.

☐ 3. It allows the Court to issue writs only against the Central Government.

☒ 4. It can only be invoked for enforcement of Fundamental Rights.

Q.34 The diagonals of a quadrilateral are perpendicular bisectors of each other. If the length of one diagonal is 3 cm and the area of the quadrilateral is 180 cm^2 , find the length (in cm) of the other diagonal.

Ans ☒ 1. 120

☐ 2. 112

☐ 3. 128

☐ 4. 115

Q.35 B is the father of C. Q is the sister of C. T is the only sister of Q. T is the child of S. M is the son of S's only son.

How is S related to B?

Ans ☐ 1. Father's sister

☐ 2. Father's brother

☐ 3. Wife's mother

☒ 4. Wife

Q.36 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 to/subtracting from/multiplying with 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(19, 39, 44)

(13, 27, 32)

Ans ☐ 1. (24, 45, 50)

☒ 2. (11, 23, 28)

☐ 3. (29, 49, 54)

☐ 4. (35, 61, 66)

Q.37 The present cost of a house is ₹1,23,016. After a year, its cost will increase to ₹1,40,203. The percentage increase (rounded off to the nearest integer) in the cost of the house is:

- Ans
- ☐ 1. 8%
 - ☐ 2. 17%
 - ☒ 3. 14%
 - ☐ 4. 10%

Q.38 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.

PNQ : QQO
UQR : VTP

- Ans
- ☐ 1. UCT : VFS
 - ☒ 2. OHM : PKK
 - ☐ 3. QSX : RUJ
 - ☐ 4. VHQ : WKN

Q.39 What is the title of Sarojini Naidu's first collection of poems, published in 1905?

- Ans
- ☒ 1. The Golden Threshold
 - ☐ 2. Songs of the Dawn
 - ☐ 3. The Captive Lady
 - ☐ 4. Urvasie

Q.40 Seven boxes D, E, F, G, S, T and U are kept one over the other but not necessarily in the same order. Only four boxes are kept between E and D. Only F is kept above E. Only two boxes are kept between T and U. G is kept immediately above S. U is not kept immediately above G. Which box is kept fourth from the top?

- Ans
- ☒ 1. G
 - ☐ 2. F
 - ☐ 3. T
 - ☐ 4. D

Q.41 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 & 9 ^ # 1 * 5 < 2 6 ≡ 4 Δ 3 \$ @ 8 (Right)

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

- Ans
- ☒ 1. More than three
 - ☐ 2. Two
 - ☐ 3. One
 - ☐ 4. Three

Q.42 Which of the following Articles of the Indian Constitution states about the establishment of Election Commission in India?

- Ans
- ☐ 1. Article 325
 - ☐ 2. Article 326
 - ☐ 3. Article 327
 - ☒ 4. Article 324

Q.43 If $a + b = 24$ and $(a - b)^2 = 268$, find the value of product of a and b.

- Ans
- ☒ 1. 77
 - ☐ 2. 68
 - ☐ 3. 140
 - ☐ 4. 110

Q.44 According to the Global Risks Perception Survey (GRPS) 2025, what percentage of respondents believe the turbulence outlook over the next 2 years?

- Ans
- ☐ 1. 45%
 - ☐ 2. 55%
 - ☐ 3. 41%
 - ☒ 4. 52%

Q.45 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.
ENU FLS GJQ ? IFM

- Ans
- ☐ 1. HIP
 - ☒ 2. HHO
 - ☐ 3. HIO
 - ☐ 4. HOP

Q.46 Which body took suo motu cognisance of the news titled 'Experts are alarmed as 350 turtles was ashore dead till January 15', published on 16 January 2025?

- Ans
- ☒ 1. National Green Tribunal
 - ☐ 2. Supreme Court of India
 - ☐ 3. High Court of Odisha
 - ☐ 4. High Court of Tamil Nadu

Q.47 _____ was crowned the Ranji Trophy champion for the 2024-25 season.

- Ans
- ☐ 1. Mumbai
 - ☒ 2. Vidarbha
 - ☐ 3. Tamil Nadu
 - ☐ 4. Kerala

Q.48 Which of the following countries DOES NOT share a land boundary with India?

- Ans
- ☐ 1. Myanmar
 - ☒ 2. Sri Lanka
 - ☐ 3. Afghanistan
 - ☐ 4. Bhutan

Q.49 Mr. I starts from Point M and drives 1 km towards the south. He then takes a right turn, drives 3 km, turns left and drives 3 km. He then takes a left turn and drives 4 km. He takes a final left turn, drives 4 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. 1 km towards the west
 - ☐ 2. 4 km towards the north
 - ☐ 3. 2 km towards the south
 - ☐ 4. 4 km towards the east

Q.50 Which of the following numbers is divisible by 81?

- Ans
- ☒ 1. 5265
 - ☐ 2. 4678
 - ☐ 3. 5854
 - ☐ 4. 5232

Q.51 Where did ISRO conduct the hot test of the semi-cryogenic engine in 2025?

- Ans ☒ 1. Liquid Propulsion Systems Centre, Mahendragiri, Tamil Nadu
- ☒ 2. Satish Dhawan Space Centre, Sriharikota, Andhra Pradesh
- ☒ 3. Vikram Sarabhai Space Centre, Thiruvananthapuram, Kerala
- ☒ 4. ISRO Propulsion Complex, Mahendragiri, Tamil Nadu

Q.52 What should come in place of the question mark (?) in the given series?

1012 1010 1000 998 988 ? 976

- Ans ☒ 1. 985
- ☒ 2. 987
- ☒ 3. 988
- ☒ 4. 986

Q.53 What should come in place of the question mark (?) in the given series?

8 13 20 29 40 ?

- Ans ☒ 1. 53
- ☒ 2. 65
- ☒ 3. 57
- ☒ 4. 61

Q.54 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	5	\$	7	2	%	*	3	^	#	9	+
Code	A	F	L	B	G	M	C	H	N	D	J

Conditions:

- i) If the first element is a number and the last a symbol, then the codes for these two (the first and the last elements) are to be interchanged.
- ii) If the first and the last elements are odd numbers, then the first and last elements are to be coded as @.
- iii) If both the second and third elements are perfect square roots, then the third element is to be coded as the code for the second element.

What will be the code for 5#64%?

- Ans ☒ 1. GKPNA
- ☒ 2. AKPNG
- ☒ 3. GNPKA
- ☒ 4. ANPKG

Q.55 A and B complete a work in 15 days. If A alone can do it in 17 days, then B alone can do two-third of the same work in _____ days.

- Ans ☒ 1. 85
- ☒ 2. 340
- ☒ 3. 255
- ☒ 4. 170

Q.56 If 1 is added to each odd digit and 1 is subtracted from each even digit in the number 1865374, which of the following digits will be third from the left in the new number thus formed?

- Ans
- ☐ 1. 7
 - ☒ 2. 5
 - ☐ 3. 2
 - ☐ 4. 3

Q.57 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. -3
 - ☐ 4. -2

Q.58 In February 2025, the Indian government announced a six-year program to boost the production of which agricultural commodity to reduce import dependence?

- Ans
- ☐ 1. Sugar
 - ☐ 2. Rice
 - ☒ 3. Pulses
 - ☐ 4. Wheat

Q.59 Which of the following tribal uprisings did NOT take place in the 20th century?

- Ans
- ☐ 1. Kuki Uprising
 - ☐ 2. Naga Revolt
 - ☒ 3. Lushai Uprising
 - ☐ 4. Bastar Rebellion

Q.60 Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

MWC : JYA
KUR : HWP

- Ans
- ☐ 1. WTH : PUR
 - ☐ 2. PAY : MGT
 - ☒ 3. JVP : GXN
 - ☐ 4. SLV : QPS

Q.61 Which of the following was formed in 1600 through a charter that granted it the exclusive privilege of trading with the area east of the Cape of Good Hope for 15 years?

- Ans
- ☒ 1. English East India Company
 - ☐ 2. Austrian East India Company
 - ☐ 3. Danish East India Company
 - ☐ 4. Spanish East India Company

Q.62 Dholavira is unique for which of the following?

- Ans
- ☒ 1. Water conservation systems
 - ☐ 2. Scripted seals
 - ☐ 3. Rock-cut architecture
 - ☐ 4. Use of palm leaves

Q.63 Mahesh withdrew ₹3,100 from a bank. He received a total of 34 notes of ₹50 and ₹100 denominations. The number of ₹50 notes received by him was:

- Ans ☒ 1. 4
- ☒ 2. 6
- ☒ 3. 13
- ☒ 4. 16

Q.64 Consider the following statements regarding the MEDEVAC operation conducted by Indian maritime forces in March 2025.

1. The Indian Navy evacuated injured crew members from MV Heilan Star, located in west of Goa.
2. A Sea King helicopter from INS Vikrant airlifted three injured crew members, including two Chinese and one Indonesian national.
3. The Indian Navy and Indian Air Force jointly coordinated the operation.
4. The rescued crew were flown to INS Hansa, Goa, for onward transfer to a civil hospital.

Which of the above statements are correct?

- Ans ☒ 1. Only 2 and 4
- ☒ 2. Only 1, 2 and 4
- ☒ 3. Only 1 and 3
- ☒ 4. Only 1, 2 and 3

Q.65 What is the median of the following data?

19, 98, 77, 24, 99, 71, 70, 56, 80, 12, 88

- Ans ☒ 1. 71.5
- ☒ 2. 72
- ☒ 3. 71
- ☒ 4. 70.5

Q.66 What is the total approximate latitudinal extent of India?

- Ans ☒ 1. 30°
- ☒ 2. 35°
- ☒ 3. 25°
- ☒ 4. 40°

Q.67 This question is based on the five, three-digit numbers given below.
(Left) 951 474 717 497 127 (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. -3
- ☒ 2. -2
- ☒ 3. -1
- ☒ 4. -4

Q.68 The McMahon Line separates India from which country?

- Ans ☒ 1. Bhutan
- ☒ 2. Nepal
- ☒ 3. China
- ☒ 4. Pakistan

Q.69 A bag contains 50 Paisa, 25 Paisa and 10 Paisa coins in the ratio 16 : 8 : 20, amounting to ₹384. Find the number of 10 Paisa coins.

- Ans
- ☐ 1. 668
 - ☐ 2. 660
 - ☒ 3. 640
 - ☐ 4. 696

Q.70 If 2 is added to each even digit and 2 is added to each odd digit in the number 4713562, what will be the sum of the last two and first two digits in the new number thus formed?

- Ans
- ☐ 1. 25
 - ☐ 2. 29
 - ☐ 3. 23
 - ☒ 4. 27

Q.71 Which of the following is NOT a part of Carnatic style composition?

- Ans
- ☐ 1. Varnam
 - ☐ 2. Pallavi
 - ☒ 3. Chaturang
 - ☐ 4. Ragmalika

Q.72 Which is the largest saline wetland in India?

- Ans
- ☐ 1. Chilika Lake
 - ☐ 2. Pulicat Lake
 - ☒ 3. Sambhar Lake
 - ☐ 4. Wular Lake

Q.73 Where is the headquarters of the National Turmeric Board, which was established in 2025?

- Ans
- ☐ 1. Kolkata
 - ☐ 2. Kochi
 - ☒ 3. Nizamabad
 - ☐ 4. Guntur

Q.74 Five solid cubes, each of volume $1,09,41,048 \text{ cm}^3$, are joined end to end to form a cuboid. What is the lateral surface area (in cm^2) of the cuboid?

- Ans
- ☐ 1. 5,91,663
 - ☐ 2. 5,91,310
 - ☐ 3. 5,91,312
 - ☒ 4. 5,91,408

Q.75 If a sum of ₹6,70,000 is invested for a year at 2% per annum compounded half yearly, then find the compound interest.

- Ans
- ☐ 1. ₹13,630
 - ☐ 2. ₹12,805
 - ☐ 3. ₹11,545
 - ☒ 4. ₹13,467

Q.76 A woman travelled at a speed of 20 m/min for 80 min, and at a speed of 65 m/min for 64 min. Her average speed (in m/min) is:

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- Ans
- ☐ 1. 33
 - ☐ 2. 44
 - ☐ 3. 46
 - ☒ 4. 40

Q.77 If $a : b :: b : c$; $c = 4a$ and $b = 18$, find the positive value of c .

- Ans
- ☐ 1. 31
 - ☐ 2. 34
 - ☐ 3. 38
 - ☒ 4. 36

Q.78 In January 2025, Wing Commander Akshay Saxena received the Vayu Sena Medal for his role in anti-piracy operations conducted in which of the following regions?

- Ans
- ☐ 1. Gulf of Thailand
 - ☐ 2. Bay of Bengal
 - ☐ 3. Andaman Sea
 - ☒ 4. Arabian Sea

Q.79 The mean of a data is 42 and its median is 53. The mode (using empirical relation) of the data is:

- Ans
- ☐ 1. 24
 - ☒ 2. 75
 - ☐ 3. 169
 - ☐ 4. 100

Q.80 Which country reported its first-ever presumptive human case of H5 bird flu in November 2024?

- Ans
- ☐ 1. United States
 - ☐ 2. United Kingdom
 - ☐ 3. Australia
 - ☒ 4. Canada

Q.81 Find the roots of $x^{-4} - 10x^{-2} + 9 = 0$.

- Ans
- ☐ 1. $\pm 1, \pm \frac{1}{4}$
 - ☒ 2. $\pm 1, \pm \frac{1}{3}$
 - ☐ 3. $\pm 1, \pm \frac{1}{5}$
 - ☐ 4. $\pm 1, \pm \frac{2}{3}$

Q.82 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

YRU WPS UNQ SLO ?

- Ans
- ☐ 1. QIM
 - ☐ 2. QJN
 - ☐ 3. QIN
 - ☒ 4. QJM

Q.83 Who won the best actress award (critics) at the South Indian International Movie Awards (SIIMA) 2024?

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- Ans ☒ 1. Deepika Padukone
☒ 2. Alia Bhatt
☒ 3. Aishwarya Rai Bachhan
☒ 4. Shraddha Kapoor

Q.84 If 1 is added to each even digit and 2 is subtracted from each odd digit in the number 9368547, what will be the sum of the digits which are third from the left and third from the right in the new number thus formed?

- Ans ☒ 1. 12
☒ 2. 14
☒ 3. 10
☒ 4. 8

Q.85 Which positive number should replace both question marks in the follo

$$\frac{?}{56} = \frac{504}{?}$$

- Ans ☒ 1. 184
☒ 2. 174
☒ 3. 168
☒ 4. 183

Q.86 What was a unique feature of Harappan town planning?

- Ans ☒ 1. Grid pattern streets
☒ 2. Irregular housing layout
☒ 3. Underground temples
☒ 4. Circular forts

Q.87 Seven friends, I, J, K, L, M, N and R, are sitting in a row facing north. No one sits to the right of M. Only three people sit between M and R. Only two people sit between R and L. K sits third to the left of I. J sits to the immediate right of I. How many people sit between N and L?

- Ans ☒ 1. Three
☒ 2. Two
☒ 3. One
☒ 4. Four

Q.88 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 curtain are screen.
All curtain are blinder.
Some blinder are drape.

Conclusions:

(I) Some drape are curtain.
(II) Some blinder are screen.

- Ans ☒ 1. Both conclusions (I) and (II) follow
☒ 2. Only conclusion (II) follows
☒ 3. Neither conclusion (I) nor (II) follows
☒ 4. Only conclusion (I) follows

Q.89 What percentage of households were classified as the poorest of the poor, as per SECC-2011?

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- Ans
- ☐ 1. 1%
 - ☐ 2. 0.59%
 - ☒ 3. 0.89%
 - ☐ 4. 0.79%

Q.90 According to the Economic survey 2024-25, what is the value of India's foreign exchange reserves, as of the end of December 2024?

- Ans
- ☐ 1. \$440.8 billion
 - ☐ 2. \$520.5 billion
 - ☒ 3. \$640.3 billion
 - ☐ 4. \$330.3 billion

Q.91 Which of the following statements is NOT correct with reference to the modern periodic table?

- Ans
- ☐ 1. Lanthanoids and actinoids are placed in separate panels at the bottom.
 - ☐ 2. The second and third periods each contain 8 elements.
 - ☒ 3. The first period contains 8 elements.
 - ☐ 4. Groups are the vertical columns, and periods are horizontal rows.

Q.92 Which Article of the Constitution of India mentions the Fundamental Duty of safeguarding public property and abjuring violence?

- Ans
- ☐ 1. Article 51A (k)
 - ☐ 2. Article 51A (h)
 - ☐ 3. Article 51A (j)
 - ☒ 4. Article 51A (i)

Q.93 Find the simple interest (in closest integral ₹) on ₹3,000 at 6% per annum rate of interest for the period from 9 February 2024 to 10 April 2024.

- Ans
- ☐ 1. 28
 - ☐ 2. 29
 - ☐ 3. 31
 - ☒ 4. 30

Q.94 Mr. KLM starts from Point A and drives 21 km towards the south. He then takes a left turn, drives 7 km, turns left and drives 26 km. He then takes a left turn and drives 11 km. He takes a final left turn, drives 5 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. 5 km to the west
 - ☒ 2. 4 km to the east
 - ☐ 3. 7 km to the east
 - ☐ 4. 3 km to the west

Q.95 Seven people, D, E, F, G, L, M and N, are sitting in a row, facing north. Only M sits to the left of N. Only four people sit between M and L. Only F sits between G and D, and G is not an immediate neighbour of L. Who sits at the extreme right of the line?

- Ans
- ☐ 1. D
 - ☐ 2. G
 - ☐ 3. N
 - ☒ 4. E

Q.96 Which of the following operating systems is most suitable for ethical hacking and cybersecurity tasks on laptops and desktops due to its pre-installed penetration testing tools?

- Ans
- ☒ 1. macOS Ventura
 - ☒ 2. Kali Linux
 - ☒ 3. Ubuntu LTS
 - ☒ 4. Windows 10

Q.97 Vinod ranked 36th from the top and 18th from the bottom in his class. How many students are there in his class?

- Ans
- ☒ 1. 51
 - ☒ 2. 53
 - ☒ 3. 52
 - ☒ 4. 54

Q.98 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. KEBW
 - ☒ 2. QKHC
 - ☒ 3. FZWR
 - ☒ 4. WQNJ

Q.99 The product of two numbers x and y is 45 and their sum is 14. Find the

- Ans
- ☒ 1. 675
 - ☒ 2. 854
 - ☒ 3. 586
 - ☒ 4. 759

Q.10 What is the primary advantage of using 'Section Breaks' in an MS Word document compared to simply using 'Page Breaks'?

- Ans
- ☒ 1. Section breaks are primarily used to optimise the document for printing on different paper sizes, which is not possible with page breaks.
 - ☒ 2. Section breaks allow for different page numbering schemes, headers, and footers within the same document, while page breaks only force content to the next page.
 - ☒ 3. Section breaks improve the document's file size and performance, especially in long documents with numerous formatting changes.
 - ☒ 4. Section breaks automatically create a table of contents based on the headings within each section, a feature not available with standard page breaks.