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| Test Center Name | iON Digital Zone iDZ Austinpatti |
| Test Date        | 06/06/2025                       |
| 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 Simplify  $(5x - 2y)^2 + (2x + 5y)^2 + (5x + 2y)(5x - 2y)$ .

- Ans ☒ 1.  $-54x^2 - 25y^2$   
☒ 2.  $55x^2 - 25y^2$   
☒ 3.  $-55x^2 + 25y^2$   
☒ 4.  $54x^2 + 25y^2$

Q.2 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

LJQ NLS PNU RPW ?

- Ans ☒ 1. TSZ  
☒ 2. TRZ  
☒ 3. TSY  
☒ 4. TRY

Q.3 Mr. W travelled 370 km, 390 km and 720 km at speeds of 37 km/hr, 5 km/hr and 8 km/hr, respectively. Find his average speed in km/hr.

- Ans ☒ 1.  $8\frac{27}{89}$   
☒ 2.  $9\frac{21}{89}$   
☒ 3.  $8\frac{28}{89}$   
☒ 4.  $9\frac{30}{89}$

Q.4 The average of first 13 whole numbers is:

- Ans ☒ 1. 6.5  
☒ 2. 6  
☒ 3. 7  
☒ 4. 5

Q.5 What is the primary contributor to the sour taste in foods like lemons, vinegar and yoghurt?

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- Ans
- ☐ 1. Salts
  - ☐ 2. Alkaloids
  - ☐ 3. Bases
  - ☒ 4. Acids

Q.6 Who among the following has been appointed as the Comptroller General of India in November 2024?

- Ans
- ☐ 1. Mahesh Kumar Aggarwal
  - ☐ 2. Tuhin Kanta Pandey
  - ☒ 3. K Sanjay Murthy
  - ☐ 4. Dr. V Narayanan

Q.7 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

GKO 11, IMQ 13, KOS 15, MQU 17, ?

- Ans
- ☐ 1. NQS 21
  - ☐ 2. NTZ 19
  - ☐ 3. ORT 21
  - ☒ 4. OSW 19

Q.8 Who among the following won the 2024 Booker Prize, and what is the title of the winning novel?

- Ans
- ☒ 1. Samantha Harvey – Orbital
  - ☐ 2. Percival Everett – James
  - ☐ 3. Rachel Kushner – Creation Lake
  - ☐ 4. Anne Michaels – Held

Q.9 F is the brother of G.

G is the wife of H.

H is the son of I.

I is the wife of J.

How is F related to J?

- Ans
- ☒ 1. Son's wife's brother
  - ☐ 2. Father
  - ☐ 3. Son's wife's father
  - ☐ 4. Son

Q.10 In a certain code language, 'BLUE' is coded as '4628' and 'LOAD' is coded as '3567'. What is the code for 'L' in the given code language?

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

Q.11 What is the difference between dragging text with the mouse (left-click) and Ctrl + dragging text in MS Word 365?

- Ans
- ☐ 1. Dragging deletes the text; Ctrl + dragging pastes it.
  - ☐ 2. Ctrl + dragging changes the font style.
  - ☒ 3. Dragging moves the text; Ctrl + dragging copies it.
  - ☐ 4. Both actions move the text.

Q.12 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. LP - NR
  - ☐ 2. IM - KO
  - ☐ 3. GK - IM
  - ☒ 4. SP - QI

Q.13 GV 14 is related to LS 5 in a certain way. In the same way, HQ 5 is related to MN -4. To which of the given options is MG 0 related, following the same logic?

- Ans
- ☐ 1. BG -7
  - ☐ 2. NY -6
  - ☐ 3. HR -3
  - ☒ 4. RD -9

Q.14 What is the purpose of the 'One Nation, One Permit' scheme proposed by the Ministry of Road Transport and Highways?

- Ans
- ☐ 1. Single road ticketing platform system
  - ☐ 2. Common civil aviation license
  - ☐ 3. Permit for urban parking facilities
  - ☒ 4. Ease of transport for inter-state freight vehicles

Q.15 Seven people, I, J, K, L, O, P and Q are sitting in a row, facing north. Only J sits to the left of Q. Only four people sit between J and I. Only O sits between P and K and P is not an immediate neighbour of I. Who sits at the extreme right end of the row?

- Ans
- ☐ 1. K
  - ☒ 2. L
  - ☐ 3. O
  - ☐ 4. I

Q.16 Which of the following Urban Local Government Bodies in India was discontinued after 1992?

- Ans
- ☐ 1. Municipal Committee/Council
  - ☒ 2. Notified Area Committee
  - ☐ 3. Municipal Corporation
  - ☐ 4. Nagar Panchayat

Q.17 Under the Digital Agriculture Mission launched in 2024, which of the following is/are among the foundational registries of AgriStack?

1. Farmers' Registry
2. Village Panchayat Audit Database
3. Crop Sown Registry

- Ans
- ☐ 1. 1 only
  - ☐ 2. All 1, 2, and 3
  - ☒ 3. 1 and 3 only
  - ☐ 4. 2 and 3 only

Q.18

The volume of a solid cylinder is  $5852 \text{ cm}^3$  and its height is 38 cm. What is the radius of the solid cylinder? (Round your answer to the nearest integer)

(Use  $\pi = \frac{22}{7}$ )

Ans ☒ 1. 1980  $\text{cm}^2$

☐ 2. 1954  $\text{cm}^2$

☐ 3. 1969  $\text{cm}^2$

☐ 4. 1936  $\text{cm}^2$

Q.19 A, B, C, D, G, H, and I are sitting around a circular table facing the centre.

B sits third to the left of I. G sits second to the left of H. Only I sits between A and G. C is not an immediate neighbor of B. How many people sit between D and G when counted from the right of D?

Ans ☐ 1. Four

☒ 2. Two

☐ 3. One

☐ 4. Three

Q.20 If '-' means '÷', '÷' means 'x', 'x' means '+' and '+' means '-', then what will come in place of the question mark (?) in the following equation?

$$1568 - 16 + 4 \div 5 \times 22 = ?$$

Ans ☐ 1. 492

☐ 2. 113

☐ 3. 294

☒ 4. 100

Q.21 A vendor bought lemons at 6 for ₹1. How many lemons must he sell for ₹1 to gain 100%?

Ans ☒ 1. 3

☐ 2. 7

☐ 3. 4

☐ 4. 5

Q.22 How much international bandwidth does Airtel's 2Africa Pearls 2025 undersea cable landing system add?

Ans ☐ 1. Over 50 terabits per second

☒ 2. Over 100 terabits per second

☐ 3. Over 500 terabits per second

☐ 4. Over 200 terabits per second

Q.23 This question is based on the five, three-digit numbers given below.

(Left) 910 316 525 204 303 (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 second digit of the lowest number?

Ans ☐ 1. 8

☐ 2. 12

☒ 3. 9

☐ 4. 10

Q.24 According to the Economic Survey 2023-24, how many Indians are estimated to have escaped multidimensional poverty between 2015-16 and 2019-21?

- Ans
- ☒ 1. 13.5 crore
  - ☐ 2. 20.5 crore
  - ☐ 3. 10 crore
  - ☐ 4. 16.5 crore

Q.25 Consider a hierarchical file system. If a user attempts to delete a non-empty directory using a standard 'delete directory' command without any recursive options, what is the most likely outcome?

- Ans
- ☐ 1. Only the directory structure will be removed, leaving the files and subdirectories orphaned.
  - ☐ 2. The operating system will automatically delete all files and subdirectories within it.
  - ☐ 3. The operating system will prompt the user for confirmation to delete each item within the directory.
  - ☒ 4. The operating system will return an error indicating that the directory is not empty.

Q.26 Find the duration (in years) in which ₹1,200 will amount to ₹2,220 at a rate of 20% per annum simple interest.

- Ans
- ☐ 1. 3.25
  - ☒ 2. 4.25
  - ☐ 3. 5.25
  - ☐ 4. 6.25

Q.27 What should come in place of the question mark (?) in the given series?

801 800 797 792 785 ?

- Ans
- ☐ 1. 775
  - ☐ 2. 774
  - ☒ 3. 776
  - ☐ 4. 773

Q.28 The ratio of the market prices of gram and pea is 2 : 5, and the ratio of the quantities consumed by a family is 4 : 3. Find the ratio of the expenditure on gram to pea.

- Ans
- ☒ 1. 8 : 15
  - ☐ 2. 17 : 10
  - ☐ 3. 9 : 16
  - ☐ 4. 3 : 4

Q.29 In December 2024, PM Modi made a historic visit to which Gulf country, marking the first such visit by an Indian Prime Minister in 43 years?

- Ans
- ☐ 1. Bahrain
  - ☐ 2. Oman
  - ☒ 3. Kuwait
  - ☐ 4. Qatar

Q.30 Tanveer starts from Point B and drives 2 km towards west. He then takes a right turn, drives 4 km, turns left and drives 5 km. He then takes a right turn and drives 3 km. He takes a final right 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 B again (all turns are 90° turns only unless specified)?

- Ans
- ☐ 1. 4 km south
  - ☐ 2. 5 km south
  - ☒ 3. 7 km south
  - ☐ 4. 6 km south

Q.31 If  $a^2 + b^2 = 111$ ,  $a \times b = 27$ , and  $a > b$ , find the value of  $\frac{a-b}{a+b}$

- Ans
- ☒ 1.  $\frac{57}{165}$
  - ☒ 2.  $\frac{53}{165}$
  - ☒ 3.  $\sqrt{\frac{53}{165}}$
  - ☒ 4.  $\sqrt{\frac{57}{165}}$

Q.32 Simplify:  $\sqrt[6]{4096} + \sqrt[4]{50625} + \sqrt[3]{21952} + \sqrt{3364}$

- Ans
- ☒ 1. 24
  - ☒ 2. 75
  - ☒ 3. 55
  - ☒ 4. 105

Q.33 Find the angle of elevation of the top of a  $250\sqrt{3}$  m high tower, from which is 250 m away from its foot.

- Ans
- ☒ 1.  $45^\circ$
  - ☒ 2.  $60^\circ$
  - ☒ 3.  $75^\circ$
  - ☒ 4.  $30^\circ$

Q.34 In a certain code language, 'GATE' is coded as '4628' and 'TURN' is coded as '3567'. What is the code for 'T' in the given code language?

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

Q.35 Who administered the agrahara lands during the post-Gupta period?

- Ans
- ☒ 1. Village assemblies
  - ☒ 2. Brahmins
  - ☒ 3. Monks
  - ☒ 4. Feudal lords

Q.36 Which among the following significant changes was introduced in the Waqf (Amendment) Act, 2025?

- Ans
- ☒ 1. Privatisation of Waqf properties
  - ☒ 2. Exemption of Waqf properties from legal scrutiny
  - ☒ 3. Mandating representation of at least two Muslim women on Waqf Boards
  - ☒ 4. Abolition of the Central Waqf Council

Q.37 Manjit's salary is ₹10,000 per month. He spends ₹6,000 on house rent and ₹3,000 on bills, and the rest of the amount is his monthly savings. Find his savings (in ₹) in a year, if in the month of his birthday, he spent all his monthly savings on birthday celebrations.

- Ans
- ☐ 1. 9,000
  - ☒ 2. 11,000
  - ☐ 3. 12,000
  - ☐ 4. 10,000

Q.38 In a certain code language, 'BRAVE' is coded as '29317' and 'VIBER' is coded as '38792'. What is the code for 'A' in the given code language?

- Ans
- ☐ 1. 2
  - ☒ 2. 1
  - ☐ 3. 7
  - ☐ 4. 9

Q.39 The area of a rectangle increases by  $8\text{ m}^2$  if its length is increased by 5 m and breadth is decreased by 7 m. If the length is decreased by 5 m and breadth is increased by 8 m, then its area increases by  $33\text{ m}^2$ . What is the perimeter of the original rectangle (in m)?

- Ans
- ☐ 1. 573
  - ☒ 2. 574
  - ☐ 3. 575
  - ☐ 4. 576

Q.40 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$52 \div 15 - 189 \times 9 + 117 = ?$$

- Ans
- ☒ 1. 684
  - ☐ 2. 688
  - ☐ 3. 672
  - ☐ 4. 678

Q.41 When using the 'Replace' function (Ctrl + H) in MS PowerPoint, which of the following options allows users to replace only whole words and not parts of words?

- Ans
- ☐ 1. Match case
  - ☐ 2. Use wildcards
  - ☒ 3. Find whole words only
  - ☐ 4. Sounds like (English)

Q.42 Each of the digits in the number 8569142 is arranged in the descending order from left to right. The position(s) of how many digits will remain unchanged in the new number thus formed as compared to that in the original number?

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

Q.43 Who among the following was awarded the Olympic Order by the International Olympic Committee (IOC) in July 2024?

- Ans
- ☒ 1. Abhinav Bindra
  - ☐ 2. Mary Kom
  - ☐ 3. Manu Bhaker
  - ☐ 4. Neeraj Chopra

Q.44 In a multitasking operating system, what role does RAM primarily play when multiple applications are open simultaneously?

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- Ans
- ☐ 1. It queues printing tasks before they reach the printer.
  - ☐ 2. It processes user input commands from external devices like keyboard or mouse.
  - ☐ 3. It acts as permanent storage for installed software.
  - ☒ 4. It temporarily holds active program data and instructions to enable fast switching between tasks.

Q.45 RWKA is related to TULZ in a certain way based on the English alphabetical order. In the same way, VSMY is related to XQNX. To which of the given options is ZOOW related, following the same logic?

- Ans
- ☐ 1. CLQU
  - ☒ 2. BMPV
  - ☐ 3. CNPW
  - ☐ 4. ALOV

Q.46 The mode of the observations 4, 3, 8, 7, 3, 7, 3, 1, 1, 3, 8, 3, 3, 5 and 3 is:

- Ans
- ☐ 1. 7
  - ☐ 2. 8
  - ☐ 3. 4
  - ☒ 4. 3

Q.47 The simplified value of  $66 - 4 \times (30 + 3) + 40$  is:

- Ans
- ☐ 1. -33
  - ☐ 2. -27
  - ☒ 3. -26
  - ☐ 4. -29

Q.48 As per the NFHS-5 (2019-21), what is the approximate percentage of households in India with access to improved sanitation facilities?

- Ans
- ☒ 1. 70%
  - ☐ 2. 65%
  - ☐ 3. 55%
  - ☐ 4. 85%

Q.49 One pipe can fill the tank in 9 minutes while another pipe can empty completely filled tank in 90 minutes. If both the pipes are operated together on empty tank, how long (in minutes) will it take to fill half of the tank?

- Ans
- ☐ 1. 10
  - ☐ 2. 6
  - ☐ 3. 11
  - ☒ 4. 5

Q.50 Who among the following has been appointed as the Chairman of Indian Space Research Organisation in January 2025?

- Ans
- ☐ 1. Dr. Mayank Sharma
  - ☐ 2. Manish Singhal
  - ☒ 3. Dr. V Narayanan
  - ☐ 4. Bhuvnesh Kumar

Q.51 In India, which of the following is a groundwater-based irrigation source?

- Ans
- ☐ 1. River canal
  - ☐ 2. Pond
  - ☒ 3. Open-well
  - ☐ 4. Tank

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Q.52 What is the purpose of pressing Alt + Tab on the keyboard of a computer system?

- Ans
- ☒ 1. Switches between open applications
  - ☐ 2. Opens Task Manager
  - ☐ 3. Minimises all windows
  - ☐ 4. Shuts down the system

Q.53 Which movement or idea is associated with the Wardha Scheme of Basic Education proposed in 1937?

- Ans
- ☐ 1. Free higher education
  - ☐ 2. Adult Literacy Mission
  - ☐ 3. Education through English
  - ☒ 4. Nai Talim or Basic Education

Q.54 Select the pair that follows the same pattern as that followed by the two sets of pairs given below. Both pairs follow the same pattern.

ZIL : ARO  
GRZ : TIA

- Ans
- ☒ 1. XMS : CNH
  - ☐ 2. MAP : NZJ
  - ☐ 3. JPE : QJT
  - ☐ 4. LOT : OKG

Q.55 What is the main goal of the PM Gati Shakti initiative?

- Ans
- ☐ 1. Increase agricultural productivity
  - ☐ 2. Enhance digital infrastructure
  - ☒ 3. Improve transportation and logistics
  - ☐ 4. Strengthen healthcare facilities

Q.56 2% of 50% of a number is what percentage of that number?

- Ans
- ☐ 1. 100%
  - ☒ 2. 1%
  - ☐ 3. 0.1%
  - ☐ 4. 52%

Q.57 The mean proportional between 0.06 and 6 is:

- Ans
- ☐ 1. 60
  - ☐ 2. 6
  - ☐ 3. 0.06
  - ☒ 4. 0.6

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. All numbers are single-digit numbers.

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(Left) @ \$ & 7 7 @ 5 7 & & 4 1 9 3 \$ 7 8 & 7 € € 1 (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. 5

☒ 2. 2

☒ 3. 3

☒ 4. 4

Q.59 When and where is the second part of the Fifth Session (INC-5.2) of the Intergovernmental Negotiating Committee (INC) on plastic pollution scheduled to take place?

Ans ☒ 1. July 2025 in Nairobi, Kenya

☒ 2. August 2025 in Geneva, Switzerland

☒ 3. September 2025 in Paris, France

☒ 4. October 2025 in Ottawa, Canada

Q.60 In India, a city with a population of less than 10,000 and more than 5000 is classified as which type of class town?

Ans ☒ 1. Class I

☒ 2. Class V

☒ 3. Class VI

☒ 4. Class II

Q.61 Pipe A can fill a tank in 18 minutes, while pipe B can empty the completely filled tank in 27 minutes. Initially, pipe A is opened and after 6 minutes pipe B is also opened. In how much time (in minutes) will the remaining tank be filled completely?

Ans ☒ 1. 35

☒ 2. 32

☒ 3. 21

☒ 4. 36

Q.62 Which Indian English poet's first poetry collection titled 'The Striders', published in 1966, received a Poetry Book recommendation?

Ans ☒ 1. Nissim Ezekiel

☒ 2. R Parthasarathy

☒ 3. AK Ramanujan

☒ 4. Dom Moraes

Q.63 If 'A' stands for 'x', 'B' stands for '-', 'C' stands for '+', and 'D' stands for '÷', then the resultant of which of the following will be 9?

Ans ☒ 1. 8 A 3 C 10 B 2 D 5

☒ 2. 8 B 3 A 10 C 2 D 5

☒ 3. 8 B 3 C 10 A 2 D 5

☒ 4. 8 C 3 B 10 A 2 D 5

Q.64 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. JK - EF
  - ☐ 2. NO - IJ
  - ☒ 3. PK - MJ
  - ☐ 4. FG - AB

Q.65 Find the surface area of a sphere whose diameter is equal to 112 cm.

- Ans
- ☐ 1. 37,948 cm<sup>2</sup>
  - ☐ 2. 38,980 cm<sup>2</sup>
  - ☐ 3. 36,976 cm<sup>2</sup>
  - ☒ 4. 39,424 cm<sup>2</sup>

Q.66 Who is the current Chief Minister of Delhi as of March 2025, and from which constituency was he/she elected in the 2025 Delhi Assembly elections?

- Ans
- ☐ 1. Atishi Marlena from Kalkaji
  - ☒ 2. Rekha Gupta from Shalimar Bagh
  - ☐ 3. Rekha Gupta from Rajinder Nagar
  - ☐ 4. Arvind Kejriwal from New Delhi

Q.67 Which leader presided over the 1929 Lahore Session of the Indian National Congress, where the resolution for 'Purna Swaraj' was passed?

- Ans
- ☒ 1. Jawaharlal Nehru
  - ☐ 2. Lala Lajpat Rai
  - ☐ 3. CR Das
  - ☐ 4. Subhas Chandra Bose

Q.68 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.

(Left) 5 \$ 5 % 8 7 \* 5 % & 8 @ 2 6 2 £ 3 8 1 & 5 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. 4
  - ☐ 2. 7
  - ☐ 3. 3
  - ☒ 4. 2

Q.69 Which kitchen process is an example of osmosis?

- Ans
- ☐ 1. Flushing food items with nitrogen
  - ☐ 2. Boiling pasta in milk
  - ☐ 3. Grinding spices together
  - ☒ 4. Placing raw mango in a concentrated salt solution

Q.70 Ashish has ₹1,218 with him. He divides it amongst his sons Arun and Mahesh and asks them to invest it at 10% rate of interest compounded annually. It was seen that Arun and Mahesh got same amount after 11 and 12 years, respectively. How much (in ₹) did Ashish give to Mahesh?

- Ans
- ☐ 1. 738
  - ☐ 2. 638
  - ☐ 3. 430
  - ☒ 4. 580

Q.71 The sum of the present ages of a father and his son is 18 years more than 4 times the present age of the son. After 5 years, 4 times the father's age will be 8 years less than 14 times the son's age. The difference (in years) between the present ages of the father and the son is:

Ans ☒ 1. 48

☐ 2. 45

☐ 3. 49

☐ 4. 53

Q.72 The marked price of a bed is ₹1,600, which is 25% above the cost price. It is sold at a discount of 16% on the marked price. Find the profit percentage.

Ans ☒ 1. 5%

☐ 2. 7%

☐ 3. 6%

☐ 4. 4%

Q.73 Select the number from among the given options that can replace the question mark (?) in the following series.  
139 136 131 124 115 ? 91

Ans ☐ 1. 109

☐ 2. 106

☐ 3. 101

☒ 4. 104

Q.74 Which of the following numbers is divisible by 41?

Ans ☐ 1. 7431

☒ 2. 7995

☐ 3. 7889

☐ 4. 8537

Q.75 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. O lives on floor numbered 4. Only two people live between O and P. Only M lives between O and N. Y lives immediately below O. Who lives on floor numbered 2?

Ans ☐ 1. M

☒ 2. Z

☐ 3. N

☐ 4. Y

Q.76 What is the Gram Sabha in the context of the Panchayati Raj system in India?

Ans ☐ 1. A block-level committee

☐ 2. An advisory council of State representatives

☐ 3. A judicial body for urban areas

☒ 4. The deliberative assembly of all eligible village residents

Q.77 Whom did Chandragupta II marry after defeating the Saka king?

Ans ☐ 1. Parbatidevi

☐ 2. Kumarrani

☐ 3. Ruprekha

☒ 4. Kubernaga

Q.78 Which initiative was launched on 25 September 2014 to facilitate investment, foster innovation, build best in class infrastructure and make India a hub for manufacturing, design and innovation?

- Ans
- ☐ 1. Industrial Corridor Development Programme
  - ☐ 2. Start Up India initiative
  - ☐ 3. Stand Up India Initiative
  - ☒ 4. Make in India initiative

Q.79 Surendra has 102 litres of Oil A and 224 litres of Oil B. He fills a number of identical containers with the two types of oil in a manner that each container has only one type of oil, and all containers are completely filled. What can be the maximum volume (in litres) of each container that Surendra uses, so that all the oil that Surendra has, of both the types, can be poured into these containers?

- Ans
- ☐ 1. 8
  - ☒ 2. 2
  - ☐ 3. 1
  - ☐ 4. 9

Q.80 A man has to cover a distance of 753 km in 12 hours. If he covers two-thirds of the distance at a speed of 48 km/hr, then what should his speed (in km/hr) be to cover the remaining distance?

- Ans
- ☐ 1. 52.25
  - ☒ 2. 62.75
  - ☐ 3. 31.3
  - ☐ 4. 41.8

Q.81 Free legal aid is part of which part of the Indian Constitution?

- Ans
- ☐ 1. Preamble
  - ☐ 2. Fundamental Duties
  - ☐ 3. Fundamental Rights
  - ☒ 4. Directive Principles

Q.82 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 :: ?

# : RND :: QRX : %

- Ans
- ☒ 1. # = PMB, % = SSZ
  - ☐ 2. # = MQB, % = FFT
  - ☐ 3. # = PQC, % = YYP
  - ☐ 4. # = MRQ, % = HHN

Q.83 On selling a wardrobe at ₹3,437, the value of gain is 75% more than the value of loss incurred on selling it at ₹3,338. In order to gain 50%, find the selling price (in ₹).

- Ans
- ☐ 1. 5,062
  - ☐ 2. 5,059
  - ☒ 3. 5,061
  - ☐ 4. 5,058

Q.84 The average of 10 observations is 40. It was realised later that an observation was misread as 34 in place of 43. Find the correct average.

- Ans
- ☐ 1. 41.9
  - ☒ 2. 40.9
  - ☐ 3. 39.9
  - ☐ 4. 43.9

Q.85 What is the title of the first poetry collection by Nissim Ezekiel, one of the most celebrated poets in Indian English Literature?

- Ans
- ☐ 1. Echoes of the Soul
  - ☐ 2. The Unfinished Verse
  - ☒ 3. A Time of Change
  - ☐ 4. Shadows and Dreams

Q.86 What does OCI stand for in the context of Indian citizenship?

- Ans
- ☐ 1. Original Citizen Identity
  - ☐ 2. Official Citizen of India
  - ☒ 3. Overseas Citizen of India
  - ☐ 4. Overseas Card for Indians

Q.87 What is the primary function of a Notified Area Committee in India?

- Ans
- ☐ 1. Handle port activities and ensure their smooth functioning
  - ☐ 2. Oversee military areas to help address military and civilian issues
  - ☐ 3. Regulate local elections for better local self-governance
  - ☒ 4. Manage developing towns due to get a municipality status

Q.88 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. The product of floors on which D and F live is 10. C lives immediately above E. The sum of floors on which B and D live is 11. How many people live between A and E?

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

Q.89 The Swadeshi Movement, launched to oppose the partition of Bengal and promote Indian goods, began in which year?

- Ans
- ☐ 1. 1904
  - ☒ 2. 1905
  - ☐ 3. 1906
  - ☐ 4. 1907

Q.90 Let AB and CD be two parallel lines and PQ be a transversal such that PQ intersects AB at the point R and CD at the point S, respectively. If  $\angle BRP = (2x + 13)^\circ$  and  $\angle DSP = (3x - 22)^\circ$ , then find  $\angle CSP$ .

- Ans
- ☒ 1.  $97^\circ$
  - ☐ 2.  $105^\circ$
  - ☐ 3.  $83^\circ$
  - ☐ 4.  $95^\circ$

Q.91 Raju starts from point A and drives 9 km towards the west. He then takes a left turn, drives 7 km, turns left and drives 11 km. He then takes a left turn and drives 13 km. He takes a final left turn, drives 2 km and stops at point B. How far (shortest distance) and towards 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 north
  - ☐ 2. 5 km to the south
  - ☒ 3. 6 km to the south
  - ☐ 4. 6 km to the north

Q.92 Which of the following is NOT a feature of subsistence farming?

- Ans
- ☐ 1. Manual agricultural practices
  - ☐ 2. Use of family labour
  - ☒ 3. Use of high-end machinery
  - ☐ 4. Traditional seed varieties

Q.93 The mode and median of a data set is 89.7 and 32, respectively. What is the mean of the data set? (Use empirical formula.)

- Ans
- ☒ 1. 3.15
  - ☐ 2. 11.26
  - ☐ 3. 2.6
  - ☐ 4. 5.9

Q.94 Which of the following is not a surrounding feature of the Thar Desert?

- Ans
- ☐ 1. Rann of Kachchh
  - ☐ 2. Aravalli Range
  - ☐ 3. Indus River Plain
  - ☒ 4. Vindhya Hills

Q.95 In which city of India was the Arctic Circle India Forum held on 3-4 May 2025?

- Ans
- ☐ 1. Patna
  - ☒ 2. New Delhi
  - ☐ 3. Chandigarh
  - ☐ 4. Kolkata

Q.96 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 conclusions logically follow(s) from the statements.

**Statements:**

All crabs are ties.  
Some ties are hooves.  
Some hooves are vents.

**Conclusions:**

(I): Some vents are crabs.  
(II): Some hooves are crabs.

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

Q.97 Piyush ranked 24<sup>th</sup> from the top and 55<sup>th</sup> from the bottom in his class. How many students are there in his class?

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Ans ☒ 1. 77

☒ 2. 78

☒ 3. 76

☒ 4. 79

Q.98 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, a certain mathematical operation on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the question? (NOTE – A two/three-digit number cannot be broken into individual digits for operations, e.g. if 37 is followed by 10, the operation cannot be 3+7 as a two-digit number cannot be broken into individual digits.)  
14 - 15 - 20 - 40 ; 19 - 20 - 25 - 50

Ans ☒ 1. 5 - 6 - 11 - 22

☒ 2. 8 - 10 - 15 - 30

☒ 3. 3 - 4 - 9 - 14

☒ 4. 7 - 9 - 18 - 20

Q.99 Factorise the polynomial  $x^4 - 10x^2 + 22$  into product of two quadratic polynomials.

Ans ☒ 1.  $(x^2 - 5 + \sqrt{3})(x^2 - 5 - \sqrt{3})$

☒ 2.  $(x^2 - 4 + \sqrt{3})(x^2 - 4 - \sqrt{3})$

☒ 3.  $(x^2 - 2 + \sqrt{3})(x^2 - 2 - \sqrt{3})$

☒ 4.  $(x^2 - 3 + \sqrt{3})(x^2 - 3 - \sqrt{3})$

Q.10 Which of the following best explains why uracil is used in RNA instead of thymine?

Ans ☒ 1. Thymine inhibits transcription.

☒ 2. Uracil enhances RNA splicing.

☒ 3. Uracil is energetically cheaper to synthesise.

☒ 4. Thymine is not recognized by ribosomes.