



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



Test Date	13/06/2025
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.

- Options shown in green color with a tick icon are correct.
- Chosen option on the right of the question indicates the option selected by the candidate.

Section : RRB NTPC Graduate Level I

Q.1 In December 2024, Pooja Sharma was named among BBC's 100 Most Inspiring Women. What remarkable social service is she known for?

- Ans
- 1. Running a free kitchen
  - 2. Performing last rites for unclaimed bodies
  - 3. Educating tribal girls
  - 4. Rescuing abandoned animals

Q.2 Simplify the following:

$$\frac{96}{39}(91 + 26) - 103$$

- Ans
- 1. 10
  - 2. 88
  - 3. 9
  - 4. 185

Q.3 In a certain code language, 'RIPE' is coded as '5987' and 'FIRE' is coded as '8751'. What is the code for 'F' in the given code language?

- Ans
- 1. 8
  - 2. 5
  - 3. 7
  - 4. 1

Q.4 Simplify :

$$\frac{\sqrt{0.028224}}{\sqrt{0.000784}}$$

- Ans
- 1. 22
  - 2. 24
  - 3. 6
  - 4. 19

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**Q.5** What should come in place of the question mark (?) in the given series?

23 29 35 41 47 ?

- Ans  1. 53  
 2. 62  
 3. 59  
 4. 65

**Q.6** Four numbers are in the ratio of 16 : 10 : 9 : 17 respectively. If the sum of these four numbers is 6292, then what is the sum of the first and the third number?

- Ans  1. 3025  
 2. 3070  
 3. 3031  
 4. 3074

**Q.7** What is the median of the following data?

13, 43, 81, 27, 25, 28, 87, 57, 77, 89, 73

- Ans  1. 57  
 2. 57.5  
 3. 58  
 4. 56.5

**Q.8** What is India's rank in Transparency International's 2024 Corruption Perceptions Index?

- Ans  1. 96<sup>th</sup>  
 2. 93<sup>rd</sup>  
 3. 98<sup>th</sup>  
 4. 95<sup>th</sup>

**Q.9** The sum of five numbers is 655. The average of the first two numbers is 77 and the third number is 128. Find the average of the remaining two numbers.

- Ans  1. 187.5  
 2. 186.5  
 3. 206  
 4. 205

**Q.10** In India, judicial review is considered as:

- Ans  1. the power of the judiciary to pronounce upon the constitutionality of laws and executive orders  
 2. the power of the judiciary to question the wisdom of the executive orders after they are passed by the Union cabinet  
 3. the power of the judiciary to review all the legislative enactments before they are assented to by the President  
 4. the power of the judiciary to question the wisdom of the laws enacted by the legislatures

**Q.11** If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 3154872, what will be the difference between the digits which are second from the left and second from the right in the new number thus formed?

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

**Q.12** Who among the following was awarded the Ramsar Award for 'Wetland Wise Use' in March 2025?

Ans  1. Medha Patkar

2. Sunita Narain

3. Jayashree Vencatesan

4. Vandana Shiva

**Q.13** A man receives ₹4,900 per month as salary. He saves 17% of his salary every month. His expenditure per month is:

Ans  1. ₹4,132

2. ₹4,112

3. ₹3,972

4. ₹4,067

**Q.14** The compound interest earned in 1 year on ₹4,80,000 at the rate of 20% per annum, compounded quarterly, is:

Ans  1. ₹1,03,443

2. ₹1,04,227

3. ₹1,04,435

4. ₹1,04,200

**Q.15** P, Q, R, S, T, U and V have an exam on different days of the week, starting on Monday and ending on Sunday. S has an exam on Tuesday. Exactly 3 people have an exam between S and V. T has an exam immediately before P and U has an exam immediately after P. Only 1 person has an exam between T and R. Who has an exam on Monday?

Ans  1. T

2. R

3. Q

4. P

**Q.16** Which of the following scheduling algorithms is most prone to convoy effect, where a long-running process blocks shorter processes behind it?

Ans  1. Shortest Job First (SJF)

2. First-Come, First-Served (FCFS)

3. Priority Scheduling (non-preemptive)

4. Round Robin

**Q.17** 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 ::?

# : MLI :: LKH : %

Ans  1. # = FRL, % = QHE

2. # = UIL, % = IXC

3. # = POL, % = IHE

4. # = FRL, % = QHE

**Q.18** A tap fills a cistern in 18 hours. Another tap empties the full tank in 24 hours. How long (in hours) will it take to fill one-fourth of the tank, if the tank is empty initially and both the taps are open together?

Ans  1. 36

2. 72

3. 54

4. 18

**Q.19** A, B, C, D, E, F and G are sitting around a circular table facing the centre. A sits third to the right of G. C sits second to the right of D. G is not an immediate neighbour of C. E sits to the immediate left of B. How many people sit between D and B when counted from the left of D?

- Ans  1. Three  
 2. Two  
 3. None  
 4. Four

**Q.20** Which of the following is NOT allowed under the Citizenship Act, 1955?

- Ans  1. Registration  
 2. Dual citizenship  
 3. Descent-based citizenship  
 4. Naturalisation

**Q.21** Why did Mahatma Gandhi travel to Noakhali in 1946?

- Ans  1. To lead a protest against British rule  
 2. To organise the Quit India Movement  
 3. To promote communal harmony after religious violence  
 4. To support the Bengal famine victims

**Q.22** Which darts tournament was held at the SACHSENarena in Riesa, Germany, from 4 to 6 April 2025?

- Ans  1. European Darts Open  
 2. German Darts Grand Prix  
 3. International Darts Open  
 4. German Darts Championship

**Q.23** This question is based on the five, three-digit numbers given below.  
(Left) 194 932 446 225 493 (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. 15  
 2. 17  
 3. 18  
 4. 16

**Q.24** 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 is the letter-cluster pair that 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. LK - KJ  
 2. HI - CD  
 3. QR - LM  
 4. PQ - KL

**Q.25** Mukesh starts from point A and drives 9 km towards the north. He then takes a right turn, drives 7 km, turns right and drives 10 km. He then takes a right turn and drives 8 km. He takes a final right turn, drives 1 km and stops at point P. 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. 2 km to the east  
 2. 1 km to the east  
 3. 2 km to the west  
 4. 1 km to the west

**Q.26** Radhe starts from Point A and drives 8 km towards North. He then takes a left turn, drives 9 km, turns left and drives 12 km. He then takes a left turn and drives 11 km. He takes a final left turn, drives 4 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified)

- Ans  1. 3 km to the west  
 2. 2 km to the west  
 3. 4 km to the west  
 4. 1 km to the west

**Q.27** A train overtakes two persons walking along a railway track. The first one walks at 12.6 km/hr. The other one walks at 27 km/hr. The train takes 12.5 and 14 seconds, respectively, to overtake them. What is the speed of the train if both the persons are walking in the same direction as the train?

- Ans  1. 142 km/hr  
 2. 147 km/hr  
 3. 154 km/hr  
 4. 143 km/hr

**Q.28** Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

KG-NJ-PR  
MI-PL-RT

- Ans  1. PK-RN-TU  
 2. OK-RN-TU  
 3. PK-RM-TU  
 4. OK-RN-TV

**Q.29** Which Act transferred the power of governance from the East India Company to the British Crown?

- Ans  1. Regulating Act, 1773  
 2. Pitt's India Act, 1784  
 3. Charter Act, 1833  
 4. Government of India Act, 1858

**Q.30** 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 keys are doors.
- Some doors are cupboards.
- All cupboards are big.

**Conclusions:**

- (I) Some keys are doors.
- (II) All doors are cupboards.

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

**Q.31** Chandragupta was succeeded by which of the following rulers, who ruled between 297 and 273 BCE?

- Ans**
- 1. Bindusara
  - 2. Samprati
  - 3. Devavarman
  - 4. Ashoka

**Q.32** Two positive numbers differ by 2880. When the greater number is divided by the smaller number, the quotient is 6 and the remainder is 120. What is the HCF of the greater of the two given numbers and 3916?

- Ans**
- 1. 45
  - 2. 44
  - 3. 42
  - 4. 48

**Q.33** What is the IMF's revised global growth forecast for 2025 as per IMF's April 2025 Global Financial Stability Report?

- Ans**
- 1. 1.7%
  - 2. 2.8%
  - 3. 3.5%
  - 4. 2.9%

**Q.34** Bal Gangadhar Tilak, a prominent extremist leader, wrote the newspaper 'Mahratta' in which language?

- Ans**
- 1. English
  - 2. Bengali
  - 3. Marathi
  - 4. Hindi

**Q.35** The lines  $L_1$  and  $L_2$  are parallel lines cut by a transversal. If the measure of one of the corresponding angles is  $75^\circ$ , then what is the measure of the other corresponding angle?

- Ans**
- 1.  $45^\circ$
  - 2.  $85^\circ$
  - 3.  $65^\circ$
  - 4.  $75^\circ$

**Q.36** A local train without stoppages runs at an average speed of 88 km/hr, and with stoppages, at an average speed of 24 km/hr. What is the total time (in hours) taken by the local train for stoppages on a route of length 528 km?

- Ans  1. 7  
 2. 10  
 3. 16  
 4. 25

**Q.37** Which of the following statements regarding the Industrial Sector in India post the launch of the New Economic Policy in 1991 is/are NOT correct?

1. Compulsory licensing on several industries was abolished.
2. Many industries that were only reserved for the government were dereserved.
3. There was quota and price control for all the goods produced in the industrial sector.

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

**Q.38** The selling price of 24 books is equal to the cost price of 30 books. Find the loss or gain percentage.

- Ans  1. 25% gain  
 2.  $\frac{50}{3}\%$  loss  
 3. 25% loss  
 4.  $\frac{50}{3}\%$  gain

**Q.39** In April 2025, India launched a strategic initiative to boost its defence exports by offering low-cost loans to countries traditionally reliant on Russian arms. Which Indian institution is primarily responsible for facilitating these loans?

- Ans  1. State Bank of India (SBI)  
 2. Reserve Bank of India (RBI)  
 3. National Bank for Agriculture and Rural Development (NABARD)  
 4. Export-Import Bank of India (EXIM Bank)

**Q.40** 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 8 6 \$ 4 \* € 1 9 5 # 2 % 4 % © # 5 \* 7 % \* (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. 1  
 2. 2  
 3. 3  
 4. 4

**Q.41** The value of  $43 + [ 2 + \{ 55 - ( 28 \div 7 ) \} \div 3 ]$  is:

- Ans  1. 55  
 2. 68  
 3. 62  
 4. 65

**Q.42** What is the primary industrial process of producing phenol worldwide, and what is the intermediate used in this process?

Ans  1. Dow process, toluene

2. Raschig process, chlorobenzene

3. Cumene process, cumene hydroperoxide

4. Hock process, benzene

**Q.43** Seven boxes, D, E, F, G, S, T and U, are kept one over the other but not necessarily in the same order. Only three boxes are kept below D. Only two boxes are kept between D and U. Only G is kept above T. E is kept at some place below F and at some place above S. Which box is kept at second position from the bottom?

Ans  1. S

2. U

3. D

4. F

**Q.44** Which Gompha at Khandagiri in Odisha, India is known for carvings of twenty-four Jain Teerthankars?

Ans  1. Trushula Gompha

2. Hathi Gompha

3. Ambika Gompha

4. Barabuji Gompha

**Q.45** If 'P' stands for '÷', 'Q' stands for '×', 'R' stands for '+' and 'S' stands for '−', then the resultant of which of the following would be 38?

Ans  1. 32 Q 8 R 30 S 16 P 4

2. 32 S 8 R 30 Q 16 P 4

3. 32 P 8 S 30 R 16 Q 4

4. 32 R 8 S 30 Q 16 P 4

**Q.46** A quadratic equation is given by  $x^2 - 6x + k = 0$ . Find the value of k for which the equation has equal real roots.

Ans  1. 5

2. 11

3. 9

4. 7

**Q.47** Each of the digits in the number 4917523 is arranged in the ascending order from left to right. Which of the following digits will be third from the left?

Ans  1. 4

2. 2

3. 5

4. 3

**Q.48** Which feature in MS-PowerPoint 2019 allows you to reuse slides from another presentation without copying content manually?

Ans  1. Animation Painter

2. Slide Master

3. Reuse Slides (under the Home tab)

4. Format Painter

**Q.49** What should come in place of the question mark (?) in the given series based on the English alphabetical order?

XCH RWB LQV FKP ?

- Ans  1. JZE  
 2. ZEJ  
 3. ZJE  
 4. JEZ

**Q.50** What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$127 \div 7 + 324 \times 4 - 47 = ?$

- Ans  1. 855  
 2. 755  
 3. 795  
 4. 885

**Q.51** Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. Only A is kept above C. Only F is kept between C and E. Only B is kept below G. How many boxes are kept above E?

- Ans  1. 4  
 2. 3  
 3. 1  
 4. 2

**Q.52** A cistern has a hole in the bottom through which the water is leaking. A tap can fill the cistern in 8 hours and the hole in the bottom can empty the fully filled cistern in 12 hours. If both the tap and the hole are open, then what will be the time taken to completely fill the empty cistern?

- Ans  1. 44.7 hours  
 2. 36 hours  
 3. 30.9 hours  
 4. 24 hours

**Q.53** What is the average of the following numbers: 14, 16, 27, 31, 39, 44, 51 and 58.

- Ans  1. 37  
 2. 35  
 3. 39  
 4. 33

**Q.54** The Tapti River originates from which mountain range?

- Ans  1. Western Ghats  
 2. Vindhya Range  
 3. Aravalli Range  
 4. Satpura Range

**Q.55** What is the primary focus of the S. Ramakrishnan Centre of Excellence in Fluid and Thermal Science Research 2025?

- Ans  1. Artificial intelligence and machine learning  
 2. Robotics and automation  
 3. Renewable energy and sustainability  
 4. Critical advancements in spacecraft and launch vehicle thermal management

**Q.56** This question is based on the five, three-digit numbers given below.  
(Left) 236 758 230 563 263 (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 lowest number is subtracted from the first digit of the highest number?

Ans  1. 5

2. 7

3. 6

4. 4

**Q.57** How many major ragas are there in Carnatic music?

Ans  1. 62

2. 75

3. 70

4. 72

**Q.58** The curved surface area of a right circular cone is  $5904\pi \text{ cm}^2$ , and the diameter of its base is 72 cm. Find the height (in cm) of the cone.

Ans  1. 158

2. 160

3. 162

4. 159

**Q.59** What is the mean of the following distribution?

Marks	12	22	58	79	89
No. of Students	98	74	17	28	44

Ans  1. 5.3

2. 6.0

3. 2.2

4. 3.8

**Q.60** If the ratio of two numbers a and b is 5 : 3, then find the value of  $(3a - 2b) : (6a + 2b)$ .

Ans  1. 4 : 5

2. 2 : 3

3. 1 : 3

4. 1 : 4

**Q.61** What is the focus of the National Technical Textiles Mission?

Ans  1. Growth of technical textiles

2. Import substitution of technical textiles

3. Promoting traditional handloom textiles

4. Providing subsidies for fashion apparel industry

**Q.62** What major power did the 74<sup>th</sup> Amendment Act, 1992, provide to Urban Local Bodies?

Ans  1. Constitutional outline for governance

2. Complete independence from State control

3. Right to enact national laws

4. Authority to control State Legislatures

**Q.63** When appointing judges to the High Courts, the President of India is required to consult which officials apart from the Chief Justice of India and the Chief Justice of the respective State?

- Ans  1. The members of the State Legislature  
 2. Only the Union Cabinet  
 3. The local district magistrates  
 4. The State Governor

**Q.64** Which of the following scenarios would most likely result in a '#REF!' error in an MS Excel formula?

- Ans  1. Attempting to divide a number by zero within a cell  
 2. Entering a formula that exceeds the maximum allowed length in Excel  
 3. Deleting a row or column that contains cells referenced by a formula in another worksheet  
 4. Referring to a cell that contains a text value in a mathematical operation

**Q.65** What should come in place of the question mark (?) in the given series based on the English alphabetical order?

MPI KNG ILE GJC ?

- Ans  1. EHA  
 2. EGA  
 3. EGB  
 4. EHB

**Q.66** Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

NJ-QM-TV  
JF-MI-PR

- Ans  1. GB-ID-LM  
 2. FB-IE-LM  
 3. GB-IE-LM  
 4. FB-IE-LN

**Q.67** A man spends 75% of his monthly salary on house rent. If every month, he also spends ₹653 on conveyance and ₹6,229 on grocery and saves the remaining ₹446, his monthly salary is:

- Ans  1. ₹29,312  
 2. ₹29,308  
 3. ₹29,251  
 4. ₹29,230

**Q.68** In March 2025, which Indian state experienced violent clashes resulting in multiple injuries over demands to remove the tomb of Mughal emperor Aurangzeb?

- Ans  1. Maharashtra  
 2. Karnataka  
 3. Rajasthan  
 4. Uttar Pradesh

**Q.69** Which of the following organisms exhibits both autotrophic and heterotrophic modes of nutrition?

- Ans  1. Euglena  
 2. Paramecium  
 3. Amoeba  
 4. Plasmodium

**Q.70** 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. TX – ZV  
 2. HL – NI  
 3. CG – ID  
 4. MQ – SN

**Q.71** 731 metallic cubes with a side length of 3.6 cm are available to be melted and formed into a machine part consisting of two solid cones with a base radius of 5.4 cm, joined at their bases. The heights of the cones are 49 cm and 35 cm, respectively. How many cubes will be surplus after the formation of the two cones? (Take  $\pi = 3.14$ )

- Ans  1. 666  
 2. 680  
 3. 676  
 4. 668

**Q.72** 6 is related to 42 following a certain logic. Following the same logic, 4 is related to 28. To which of the following is 7 related, following the same logic?

(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.)

- Ans  1. 45  
 2. 38  
 3. 49  
 4. 42

**Q.73** A, B, C, D, G, H and I are sitting around a circular table facing the centre of the table. Only two people sit between H and B when counted from the right of H. Only three people sit between A and C when counted from the right of C. B sits to the immediate right of C. G sits to the immediate right of I. Who sits fourth to the right of D?

- Ans  1. G  
 2. I  
 3. C  
 4. A

**Q.74** According to the Economic Survey 2023-24, what percentage of India's population is expected to reside in urban areas by 2030?

- Ans  1. 45%  
 2. 40%  
 3. 50%  
 4. 35%

**Q.75** Where is the Indian naval air station INS Baaz located?

- Ans  1. Little Andaman Island  
 2. Minicoy Island  
 3. Great Nicobar Island  
 4. Car Nicobar Island

**Q.76** IJF is related to PQM in a certain way based on the English alphabetical order. In the same way, RSO is related to YZV. To which of the following is EFB related, following the same logic?

- Ans  1. MNJ  
 2. MNK  
 3. LMI  
 4. LMJ

**Q.77** From the top of a 60 m high building, the angles of depression of the top and bottom of a lamp post are  $30^\circ$  and  $60^\circ$ , respectively. Find the height of the lamp post.

- Ans  1. 40 m  
 2. 60 m  
 3.  $40\sqrt{2}$  m  
 4.  $60\sqrt{3}$  m

**Q.78** Which Russian city hosted the 2024 BRICS Summit in October 2024?

- Ans  1. Sochi  
 2. Kazan  
 3. Moscow  
 4. St. Petersburg

**Q.79** To promote agricultural exports and global competitiveness, reforms were extended to the agricultural sector as well. Which of the following initiatives aims to create a seamless national market for agricultural commodities?

- Ans  1. PM-KISAN  
 2. Kisan Credit Card  
 3. APMC Act  
 4. e-NAM

**Q.80** The percentage profit earned by selling an article for ₹3,471 is equal to the percentage loss incurred by selling the same article for ₹2,577. At what price should the article be sold (in ₹) to make a 25% profit?

- Ans  1. 3,783  
 2. 3,780  
 3. 3,778  
 4. 3,781

**Q.81** In everyday life, higher population density in cities like Delhi leads to \_\_\_\_\_.

- Ans  1. increased per capita income  
 2. reduced land prices  
 3. stress on the environment  
 4. decrease in school enrolments

**Q.82** When applying a watermark to an MS Word document, which of the following settings offers the LEAST control over its precise placement and size on each page?

- Ans  1. Inserting a custom picture watermark and adjusting its scale and wash-out settings  
 2. Inserting a graphic as a header or footer and positioning it behind the text  
 3. Inserting a custom text watermark with specific layout options  
 4. Utilising a predefined watermark template from the 'Watermark' gallery

**Q.83** India Infoline Finance Limited (IIFL Finance), India's leading non-banking financial companies (NBFCs), has rebranded how many of its existing branches as all-women staffed 'Shakti' branches to mark Women's Day (8 March 2025)?

Ans  1. Five

2. Six

3. Seven

4. Eight

**Q.84** Post 1991 economic reforms, India witnessed significant changes in the banking sector. What is one major reform introduced in the banking sector?

Ans  1. Deregulation of interest rates

2. Freezing interest rates

3. Increase in SLR

4. Abolition of all private banks

**Q.85** In a certain code language, 'MOVE' is coded as '4826' and 'IRON' is coded as '1352'.

What is the code for 'O' in the given code language?

Ans  1. 5

2. 8

3. 2

4. 4

**Q.86** Following the provisions of the 74<sup>th</sup> Constitutional Amendment, 1992, which of the following terms is used for urban governance in areas transitioning from rural to urban?

Ans  1. Nagar Panchayats

2. Block Development Councils

3. Special Economic Zones

4. Zila Parishads

**Q.87** Who among the following was appointed as the new Chairperson of the National Human Rights Commission (NHRC) in December 2024?

Ans  1. Justice Bidyut Ranjan Sarangi

2. Justice HL Dattu

3. V Ramasubramanian

4. Arun Mishra

**Q.88** If  $2.5 : 40.6 :: 40.6 : x$ , then find the value of x.

Ans  1. 665.032

2. 658.357

3. 655.425

4. 659.344

**Q.89** What is the purpose of the Find and Replace feature (Ctrl + H) in MS Word 2019?

Ans  1. To change the font of the selected text

2. To search for specific text and replace it with other text

3. To adjust paragraph spacing

4. To insert hyperlinks

**Q.90** F is the sister of G. G is the husband of H. H is the daughter of I. I is the husband of J.  
How is F related to J?

- Ans  1. Husband's sister  
 2. Daughter's husband's sister  
 3. Daughter's husband's mother  
 4. Husband's mother

**Q.91** Mahesh borrowed a sum of ₹14,000 at a certain rate of simple interest for 4 years. If he paid an interest of ₹3,500 at the end of the period at  $x\%$  per annum rate of interest, the value of x is:

- Ans  1. 8.25  
 2. 6.25  
 3. 5.25  
 4. 7.25

**Q.92** In one of his famous works, Yahya bin Ahmad Sirhindi claims that the founder of the \_\_\_\_\_ was a descendant of the Prophet Muhammad.

- Ans  1. Sayyid Dynasty  
 2. Tughlaq Dynasty  
 3. Ghaznavid Dynasty  
 4. Ghurid Dynasty

**Q.93** The larger of two supplementary angles is  $62^\circ$  more than the smaller one. The smaller angle (in degree) is:

- Ans  1.  $65^\circ$   
 2.  $59^\circ$   
 3.  $57^\circ$   
 4.  $68^\circ$

**Q.94** Which of the following rivers forms the Majuli Island, the world's largest river island?

- Ans  1. Godavari  
 2. Mahanadi  
 3. Ganga  
 4. Brahmaputra

**Q.95** Which of the following best describes the shape of a sinusoidal wave signal during one complete cycle?

- Ans  1. Triangular wave  
 2. S-shaped wave  
 3. Square wave  
 4. Rectangular wave

**Q.96** In a certain code language, 'FUSE' is coded as '6482' and 'SORT' is coded as '3671'. What is the code for 'S' in the given code language?

- Ans  1. 6  
 2. 1  
 3. 3  
 4. 8

**Q.97** The marked price of a sofa is ₹578, which is 34% above the cost price. If the profit percentage is 10%, find the discount percentage (rounded off to two decimal places).

- Ans  1. 20.61%  
 2. 17.91%  
 3. 21.84%  
 4. 15.83%

**Q.98** What should come in place of the question mark (?) in the given series?

952 950 946 940 932 ?

- Ans  1. 922  
 2. 918  
 3. 919  
 4. 921

**Q.99** M is inversely proportional to N. If M is 18, then N is 10. If N = 9, then what is the value of M?

- Ans  1. 22  
 2. 21  
 3. 23  
 4. 20

**Q.100** 2 times the present age of Urvashi is 6 years more than the present age of Ayushi. The present age of Mohan is 4 times the present age of Urvashi, and Ayushi is 8 years younger than Sanju. If the sum of the present ages of Mohan and Sanju is 50 years, then Urvashi's present age (in years) is:

- Ans  1. 8  
 2. 7  
 3. 14  
 4. 15

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