



# रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - 06/2025 - CEN - 06/2025

एनटीपीसी (स्नातक स्तर) की भर्ती / Recruitment of NTPC Graduate Level



Test Date	25/03/2026
Test Time	12:45 PM - 2:15 PM
Subject	RRB NTPC GRADUATE CBT 1

\* 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 CBT 1

Q.1 Two people, A and B, start running from the same point on a circular track of length 400 meters, but in opposite directions. A runs at 6 m/s and B at 4 m/s. In how many seconds will they meet for the first time?

Ans A) 50 seconds      B) 40 seconds      C) 20 seconds      D) 30 seconds

Correct Answer: B

Q.2 Who was known as the "Mother of Indian Feminism" for her pioneering work in women's education and rights?

Ans A) Rukhmabai      B) Pandita Ramabai      C) Annie Besant      D) Savitribai Phule

Correct Answer: D

Q.3 Padma Shri Award winner Rani Karnaa was an exponent of which of the following dance forms?

Ans A) Kathakali      B) Kathak      C) Kuchipudi      D) Odissi

Correct Answer: B

Q.4 Which of the following freedom fighters led the Mahad Satyagraha in 1927?

Ans A) Jyotirao Phule      B) E V Ramaswamy Naicker      C) B R Ambedkar      D) K Kelappan

Correct Answer: C

Q.5 At what rate per annum will a sum of money become five times itself in 11 years under simple interest?

Ans A)  $34\frac{4}{11}\%$       B)  $72\frac{8}{11}\%$       C)  $38\frac{8}{11}\%$       D)  $36\frac{4}{11}\%$

Correct Answer: D

Q.6 Sharad starts from Point A and drives 47 km towards the South. He then takes a right turn, drives 49 km, turns right and drives 51 km. He then takes a right turn and drives 53 km. He takes a final right 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-degree turns only unless specified.)

Ans A) 4 km to the west      B) 2 km to the west      C) 1 km to the west      D) 3 km to the west

Correct Answer: A

Q.7 In a certain code language,  
A + B means 'A is the husband of B'  
A - B means 'A is the daughter of B'  
A × B means 'A is the brother of B'  
A ÷ B means 'A is the sister of B'

Based on the above, how is S related to M if 'S × R - U + N ÷ M'?

Ans A) Daughter's son      B) Brother's son      C) Sister's son      D) Son's son

Correct Answer: C

**Q.8** 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 is numbered 2, and so on till the topmost floor is numbered 6. B lives on the topmost floor. Only three people live between B and D. F lives immediately above A, but immediately below E. How many people live between F and C?

Ans A) None                      B) One                      C) Two                      D) Three

**Correct Answer: C**

**Q.9** In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements are sufficient to answer the question. Read both the statements and decide the appropriate answer.

**Q.** Five cousins – Kriti, Leena, Mona, Pooja, and Reema – are of different ages. Who is the youngest?

- (I) Leena is older than Kriti but younger than Mona.  
(II) Pooja is older than Kriti but younger than Leena.

Ans A) Data in Statement II alone is sufficient to answer the question while data in Statement I is not  
B) Both statements I and II together are NOT sufficient to answer the question  
C) Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question  
D) Data in Statement I alone is sufficient to answer the question while data in Statement II is not

**Correct Answer: B**

**Q.10** What should come in place of '?' in the given series?

99 124 140 149 153 ?

Ans A) 166                      B) 154                      C) 152                      D) 164

**Correct Answer: B**

**Q.11** Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusion/s logically follow/s from the given statements.

**Statements:**  
All papers are books. All books are erasers. Some erasers are crayons.

**Conclusions:**  
(I) Some papers are crayons.  
(II) Some books are crayons.

Ans A) Both conclusions I and II follow.    B) Only conclusion I follows.    C) Neither conclusion I nor II follows.    D) Only conclusion II follows.

**Correct Answer: C**

**Q.12** Refer to the following letter, number and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) D 8 € K K 6 \* @ F Y 9 5 L 8 € 7 2 X Y € O & (Right)

If all the letters are dropped from the series, which of the following will be fifth from the left?

Ans A) 5                      B) @                      C) 9                      D) €

**Correct Answer: B**

**Q.13** Solve the following system of equations:

$$x + 2y + 4z = 14$$

$$x + 2y + z = 7$$

$$2x + y + 2z = 2$$

Ans A)  $x = -\frac{10}{3}, y = 3, z = \frac{7}{3}$                       B)  $x = -\frac{11}{3}, y = 3, z = \frac{7}{3}$                       C)  $x = -\frac{10}{3}, y = 4, z = \frac{8}{3}$

D)  $x = -\frac{10}{3}, y = 4, z = \frac{7}{3}$

**Correct Answer: D**

**Q.14** Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. Only G is kept above C. Only E is kept between C and F. Only D is kept below B.

How many boxes are kept below F?

Ans A) 3                      B) 1                      C) 2                      D) 4

**Correct Answer: A**

**Q.15** Two taps can fill a cistern in 4 hours and 32 hours respectively. A third tap can empty it in 4 hours. How long (in hours) will it take to fill one-fourth of the empty cistern, if all of them are opened together?

Ans A) 32                                      B) 8                                      C) 24                                      D) 16

Correct Answer: B

**Q.16** A cylindrical wax block with radius 7 cm and height 10 cm is melted and reshaped into a cone with the same base radius. Find the height of the cone.

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

Ans A) 18 cm                                      B) 30 cm                                      C) 25 cm                                      D) 20 cm

Correct Answer: B

**Q.17** 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 one that does not belong to that group?

(Note: The odd man out is not based on the number of consonants/vowels or their position in the letter cluster)

Ans A) UW-XZ                                      B) GI-JL                                      C) RT-VX                                      D) AC-DF

Correct Answer: C

**Q.18** In a certain code language,  
A + B means 'A is the mother of B'  
A - B means 'A is the brother of B'  
A x B means 'A is the sister of B'  
A ÷ B means 'A is the father of B'  
A % B means 'A is the husband of B'  
A # B means 'A is the wife of B'  
Based on the above, how is R related to W if 'W # A ÷ M - P + I x R ÷ E'?

Ans A) Brother's Son                                      B) Sister's Son                                      C) Daughter's Son                                      D) Son's Son

Correct Answer: C

**Q.19** Refer to the following number and symbol series and answer the question. Counting to be done from left to right only. (All numbers are single-digit numbers only.)  
(Left) 6 2 @ # & \* % ~ 7 = Ω 1 8 ? £ \$ 4 3 5 + 9 (Right)  
How many such symbols are there, each of which is immediately preceded by a number and also immediately followed by another number?

Ans A) One                                      B) Three                                      C) None                                      D) Two

Correct Answer: A

**Q.20** A typist takes 40 minutes to type 2 pages. How long (in minutes) will he take to type 82 pages?

Ans A) 1650                                      B) 1630                                      C) 1645                                      D) 1640

Correct Answer: D

**Q.21** There are 52 members in group A, 22 members in group B and 36 members in group C. All the members of these groups went to a restaurant. The average amounts spent on each member of groups A, B and C are ₹420, ₹437 and ₹101, respectively. The overall average amount (in ₹) spent per member is:

Ans A) 323                                      B) 319                                      C) 322                                      D) 320

Correct Answer: B

**Q.22** Each of F, G, H, I, M, N and O has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. Only three people have exams between I and O. O has exam on the last day of the week. Only one person has exam between F and H. N has exam immediately the day before M. G doesn't have exam on Friday. How many people have exam(s) between G and N?

Ans A) Four                                      B) Three                                      C) Two                                      D) One

Correct Answer: B

**Q.23** A boat goes 20,000 m upstream and 44,000 m downstream in 8 hours while it goes 15,000 m upstream and 22,000 m downstream in 5 hours. The speed of boat in still water is:

Ans A)  $2\frac{1}{9}$  m/s                                      B)  $3\frac{4}{9}$  m/s                                      C)  $3\frac{2}{9}$  m/s                                      D)  $2\frac{2}{9}$  m/s

Correct Answer: D

**Q.24** What was the name given to the special officials appointed by Ashoka to spread his policy of Dhamma?

Ans A) Dhamma Mahamatta                                      B) Dhamma Janapada                                      C) Dhamma Mukhyas                                      D) Dhamma Lekhakas

Correct Answer: A

**Q.25** What is the primary pigment responsible for photosynthesis in plants?

Ans A) Chlorophyll                                      B) Carotenoid                                      C) Xanthophyll                                      D) Anthocyanin

Correct Answer: A

**Q.26** Seven people, C, D, E, N, O, P and Q, are sitting in a straight line, facing north. E sits second to the right of N. Only two people sit between E and P. Only two people sit to the left of N. Only three people sit between N and C. O sits at some place to the right of Q but at some place to the left of D. How many people sit to the right of O?

Ans A) Two                      B) Three                      C) One                      D) Four

**Correct Answer: B**

**Q.27** WELD is related to YHPI in a certain way based on the English alphabetical order. In the same way, AKTN is related to CNXS. To which of the following is EQBX related, following the same logic?

Ans A) FUDB                      B) HSED                      C) GUED                      D) GTFC

**Correct Answer: D**

**Q.28** In accordance with Article 239AA of the Constitution of India, after the enforcement of the Constitution (Sixty-ninth Amendment) Act, 1991, the Union Territory of Delhi is designated by which of the following titles?

Ans A) Administrative Capital of India    B) National Capital Region of Delhi    C) Union State of Delhi    D) National Capital Territory of Delhi

**Correct Answer: D**

**Q.29** The length of each side of a rhombus is 17 cm and one of the diagonals is 30 cm. What is the area of the rhombus?

Ans A) 272 cm<sup>2</sup>                      B) 510 cm<sup>2</sup>                      C) 255 cm<sup>2</sup>                      D) 240 cm<sup>2</sup>

**Correct Answer: D**

**Q.30** A trader marks his goods at a certain price and offers a 10% discount on it. In addition, he runs a scheme where for every 104 articles purchased, 16 articles are given free. If he still makes a profit of 17% on the overall transaction, find out by what percentage the marked price of an article is more than its cost price. Assume the customer pays for only 104 articles.

Ans A) 60%                      B) 53%                      C) 50%                      D) 44%

**Correct Answer: C**

**Q.31** 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 :: ?

# : NXF :: JTB : %

Ans A) # = CMU % = UEN                      B) # = CNU % = UEM                      C) # = DMU % = UEM                      D) # = CMU % = UEM

**Correct Answer: D**

**Q.32** Article 47 deals with which of the following?

Ans A) Organization of agriculture                      B) Protection of environment                      C) Participation of workers in management  
D) Raising the level of nutrition and public health

**Correct Answer: D**

**Q.33** Which of the following number series was prescribed by the Telecom Regulatory Authority of India (TRAI) on 16 December 2025, for IRDAI-regulated entities to use for consumer service and transactional calls, to be implemented by 15 February 2026?

Ans A) 1500 series                      B) 1900 series                      C) 1400 series                      D) 1600 series

**Correct Answer: D**

**Q.34** Which of the following Articles of the Constitution empowers the administrator to promulgate ordinances during recess of the Legislature in Union Territories?

Ans A) 241                      B) 239                      C) 239AA                      D) 239B

**Correct Answer: D**

**Q.35** Which of the following plant tissues is NOT a type of simple tissue?

Ans A) Xylem                      B) Sclerenchyma                      C) Parenchyma                      D) Collenchyma

**Correct Answer: A**

**Q.36** The sum of 12 numbers is 540. Find their average.

Ans A) 46                      B) 43                      C) 44                      D) 45

**Correct Answer: D**

**Q.37** A student double-clicks a file in Windows 11 and a program starts running immediately. The file is not a document or image but directly launches software. Which file type is most likely being opened?

Ans A) .txt                      B) .exe                      C) .jpg                      D) .mp3

**Correct Answer: B**

**Q.38** Which of the following is NOT a component of the actual population growth?

Ans A) Death rate                      B) In-migration                      C) Urbanisation rate                      D) Birth rate

**Correct Answer: C**

**Q.39** Refer to the following letter and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) S \* & € L £ O & £ £ S # T \* © M @ Y T \$ L £ (Right)

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

Ans A) 6                                      B) 7                                      C) 5                                      D) 8

**Correct Answer: A**

**Q.40** Each of the digits in the number 7834126 is arranged in ascending order from left to right. The position of how many digits will remain unchanged as compared to that in the original number?

Ans A) One                                      B) Two                                      C) None                                      D) Three

**Correct Answer: B**

**Q.41** The Constitution (Ninety-Fifth Amendment) Act of 2009 extended the reservation of seats in the Lok Sabha and State Legislative Assemblies for Scheduled Castes, Scheduled Tribes, and Anglo-Indians for how many years?

Ans A) Five Years                                      B) Fifteen Years                                      C) Twenty Years                                      D) Ten Years

**Correct Answer: D**

**Q.42** A frequency distribution has a mean of 55 and a mode of 50. If the empirical relation holds, what should be the median of the data set? (Round off to two decimal places.)

Ans A) 53.33                                      B) 54.21                                      C) 53.86                                      D) 54.83

**Correct Answer: A**

**Q.43** What is a significant feature of Indian architecture related to caves?

Ans A) Excavation of caves for religious purposes                                      B) Use of marble in construction                                      C) Influence of European architecture  
D) Development of skyscrapers

**Correct Answer: A**

**Q.44** Which Koppen climate subtype is identified by a short wet season and long, severe dry period?

Ans A) BSh climate subtype                                      B) Aw climate subtype                                      C) Am climate subtype                                      D) Af climate subtype

**Correct Answer: B**

**Q.45** Which of the following best explains the Indian National Congress's stance on communal politics during the Moderate phase?

Ans A) Accepted political demands based on religious identities                                      B) Maintained a secular approach in its programmes and demands  
C) Aligned itself with leaders of specific religious communities                                      D) Limited organisational participation to a single religious group

**Correct Answer: B**

**Q.46** If  $5^{3x} + 4 = (5^4)^{105}$ , then find the integral part of x.

Ans A) 128                                      B) 183                                      C) 182                                      D) 138

**Correct Answer: D**

**Q.47** The Preamble declares India to be which of the following?

Ans A) Sovereign, Socialist, Secular, Democratic, Union                                      B) Sovereign, Socialist, Secular, Democratic, Republic  
C) Sovereign, Federal, Secular, Democratic, Republic                                      D) Sovereign, Socialist, Federal, Democratic, Republic

**Correct Answer: B**

**Q.48** 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:**

Some cows are goats.  
Some goats are dogs.  
All dogs are tigers.

**Conclusions:**

(I) All dogs are cows.  
(II) Some tigers are goats.

Ans A) Only conclusion (I) follows    B) Neither conclusion (I) nor (II) follows    C) Only conclusion (II) follows    D) Both conclusions (I) and (II) follow

**Correct Answer: C**

<b>Q.49</b>	<b>In 2025, which state had One-Stop Centres that assisted approximately 2.39 lakh women?</b>			
<b>Ans A)</b>	Bihar	B) Uttar Pradesh	C) Gujarat	D) Maharashtra
				<b>Correct Answer: B</b>
<b>Q.50</b>	<b>Which of the following thickens sauces and soups due to its ability to absorb water and form a gel?</b>			
<b>Ans A)</b>	Sugar	B) Oil	C) Starch	D) Salt
				<b>Correct Answer: C</b>
<b>Q.51</b>	<b>What method does the Hill Areas Development Programme (HADP) use to increase productivity of the land?</b>			
<b>Ans A)</b>	Vegetative methods and changing cropping pattern	B) Importing high-yielding crops from plain regions	C) Use of chemical fertilizers and pesticide inputs	D) Application of advanced mechanized technologies
				<b>Correct Answer: A</b>
<b>Q.52</b>	<b>In November 2025, India and Israel signed a Memorandum of Understanding (MoU) on Defence Cooperation during which meeting?</b>			
<b>Ans A)</b>	20th Indo-Israel Defence Forum	B) 17th India-Israel Joint Working Group (JWG) meeting	C) 14th Strategic Defence Summit	D) 10th India-Israel Defence Dialogue
				<b>Correct Answer: B</b>
<b>Q.53</b>	<b>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, certain mathematical operations 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 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.) 12 – 24 – 44 – 74; 18 – 36 – 56 – 86</b>			
<b>Ans A)</b>	17 – 34 – 44 – 74	B) 10 – 20 – 40 – 80	C) 8 – 24 – 44 – 74	D) 15 – 30 – 50 – 80
				<b>Correct Answer: D</b>
<b>Q.54</b>	<b>With which State did the Department of Biotechnology sign the first Centre-State Memorandum of Understanding under the BioE3 Policy in 2025 to promote high-performance biomanufacturing?</b>			
<b>Ans A)</b>	Gujarat	B) Karnataka	C) Assam	D) Tamil Nadu
				<b>Correct Answer: C</b>
<b>Q.55</b>	<b>With reference to Harappan architecture, which of the following statements is/are correct?</b>			
	I. Streets and roads were straight and cutting each other at right angles.			
	II. Street drains were covered by stone slabs.			
<b>Ans A)</b>	Neither I nor II	B) Only I	C) Both I and II	D) Only II
				<b>Correct Answer: C</b>
<b>Q.56</b>	<b>The cost price of 48 books is equal to the selling price of 36 books. Find the profit percentage. (Round off your answer to two decimal places.)</b>			
<b>Ans A)</b>	39.84%	B) 36.23%	C) 33.33%	D) 22.18%
				<b>Correct Answer: C</b>
<b>Q.57</b>	<b>Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?</b>			
	LJL 62 IGI 54 FDF 46 CAC 38 ?			
<b>Ans A)</b>	ZXZ 30	B) ZYY 30	C) ZWY 29	D) ZHQ 29
				<b>Correct Answer: A</b>
<b>Q.58</b>	<b>For 4 waffles, a recipe needs 680 g of butter. Find the quantity of butter needed if you want to make 17 waffles.</b>			
<b>Ans A)</b>	2930 g	B) 3120 g	C) 2890 g	D) 2650 g
				<b>Correct Answer: C</b>
<b>Q.59</b>	<b>In a certain code language, ' OENI' is coded as '79' and 'WASR' is coded as '61' . What is the code for 'QJTD' in the given code language?</b>			
<b>Ans A)</b>	78	B) 62	C) 66	D) 71
				<b>Correct Answer: D</b>
<b>Q.60</b>	<b>Which of the following statements best represents system software?</b>			
<b>Ans A)</b>	Software used for preparing presentations	B) Software that controls all internal computer functions	C) Software used to play games	D) Software used to design custom projects
				<b>Correct Answer: B</b>

**Q.61** During which nationwide event, observed in 2025, did the Union Minister of Science and Technology emphasize inclusive participation in India's biotechnology mission and the goal of achieving a \$300 billion bioeconomy by 2030?

- Ans A) India Bioeconomy Vision 2030 Outreach Event  
B) World Bioproduct Day – The BioE3 Way  
C) Global Biotech Innovation and Sustainability Summit  
D) National Biotechnology Awareness Week Programme

Correct Answer: B

**Q.62** A gardener waters three rows of plants using automatic sprays. Spray A activates after every 12 minutes, Spray B after every 15 minutes, and Spray C after every 20 minutes. If they first activate together at 9:45 AM, at what time will they activate together for the sixth time (including the one at the beginning)?

- Ans A) 2:55 PM  
B) 2:45 PM  
C) 1:45 PM  
D) 2:25 PM

Correct Answer: B

**Q.63** Which centrally sponsored scheme aims to create community infrastructure in Minority Concentration Areas (MCAs) to address development deficits, as stated by Minister of MINORITY AFFAIRS in July 2025?

- Ans A) Pradhan Mantri Jan Vikas Karyakram (PMJVK)  
B) Pradhan Mantri Virasat Ka Samvardhan (PM VIKAS)  
C) Padho Pardesh  
D) Seekho Aur Kamao

Correct Answer: A

**Q.64** Which irrigation method delivers water directly to roots using emitters for optimal moisture control and efficiency?

- Ans A) Drip  
B) Sprinkler  
C) Flood  
D) Overhead

Correct Answer: A

**Q.65** In a certain code language, 'TOUR' is coded as '3894' and 'AUTO' is coded as '5489'. What is the code for 'A' in the given code language?

- Ans A) 9  
B) 8  
C) 4  
D) 5

Correct Answer: D

**Q.66** There is a wooden cube with an edge length of 14 cm. A hemisphere with a radius of 7 cm is carved out from each face of the cube. Find the surface area (in  $\text{cm}^2$ ) of the remaining structure. (Use  $\pi = \frac{22}{7}$ )

- Ans A) 2150  
B) 2100  
C) 1800  
D) 1950

Correct Answer: B

**Q.67** Who made history in November 2025 as the first Muslim and South Asian American elected Lieutenant Governor of Virginia?

- Ans A) Suhas Subramanyam  
B) Ghazala Hashmi  
C) Zeeshan Siddiqui  
D) Pramila Jayapal

Correct Answer: B

**Q.68** In a circle with center A, a 18 cm long chord is at a distance of 12 cm from the center. Find the length of the diameter.

- Ans A) 38 cm  
B) 28 cm  
C) 30 cm  
D) 32 cm

Correct Answer: C

**Q.69** Ramesh, Seema, and Shanaya invest ₹1230, ₹1710, and ₹1010 respectively to start a business. If the profit at the end of the year is ₹1580, then what is the share of Shanaya in the profit?

- Ans A) ₹403  
B) ₹404  
C) ₹407  
D) ₹405

Correct Answer: B

**Q.70** Mansi and Neha started a partnership business, investing some amount in the ratio of 7 : 9. Utsavi joined then after six months with an amount equal to that of Neha. In what ratio should the profit at the end of one year be distributed among Mansi, Neha and Utsavi?

- Ans A) 18 : 19 : 10  
B) 13 : 14 : 8  
C) 14 : 18 : 9  
D) 12 : 17 : 8

Correct Answer: C

**Q.71** The price of fuel decreases by 30%, 20% and 50% in three successive months, but increases by 40% in the fourth month. What is the percentage increase or decrease in the price of fuel in the fourth month as compared to its original price?

- Ans A) Decrease by 57.2%  
B) Decrease by 60.8%  
C) Increase by 55.4%  
D) Increase by 63.2%

Correct Answer: B

**Q.72** Which of the following countries is India's nearest neighbour in the northwest?

- Ans A) Pakistan  
B) Nepal  
C) Bhutan  
D) China

Correct Answer: A

**Q.73** India's National Clean Air Programme (NCAP) originally aimed to reduce particulate pollution by what percentage by 2024–25 compared to the 2017–18 baseline?

- Ans A) 10–15%  
B) 60–70%  
C) 40–50%  
D) 20–30%

Correct Answer: D

**Q.74** 9 is related to 82 following a certain logic. Following the same logic, 17 is related to 290. To which of the following is 33 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 etc. 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 A) 1090                      B) 1070                      C) 1080                      D) 1060

Correct Answer: A

**Q.75** For what values of 'k' will the value of  $(12x^2 - kx + 27)$  be always positive?

Ans A)  $-36 < k < 36$                       B)  $k < -36$                       C)  $-36 \leq k \leq 36$                       D)  $k > 36$

Correct Answer: A

**Q.76** Seven people F, G, H, I, V, W, and X are sitting around a circular table facing the centre of the table. V sits fourth to the left of H. H sits to the immediate right of W. Only three people sit between W and X. G sits to the immediate right of I. How many people sit between F and I when counted from the left of I?

Ans A) One                      B) Two                      C) Zero                      D) Three

Correct Answer: B

**Q.77** Which amendment to the Indian constitution provided a special status to the Union Territory of Delhi, and redesignated it the National Capital Territory of Delhi?

Ans A) 69th Constitutional Amendment                      B) 68th Constitutional Amendment                      C) 70th Constitutional Amendment  
D) 71st Constitutional Amendment

Correct Answer: A

**Q.78** Which 16th-century CE heritage site near Agra was commissioned by Emperor Akbar as a planned capital city?

Ans A) Akbar's Tomb                      B) Fatehpur Sikri                      C) Agra Fort                      D) Taj Mahal

Correct Answer: B

**Q.79** What is the value of  $(9x + 7y)$ , if mean of the following distribution is 50?

Class	0-20	20-40	40-60	60-80	80-100	Total
Frequency	8	18	x	2	y	52

Ans A) 184                      B) 193                      C) 166                      D) 191

Correct Answer: A

**Q.80** Veer has ₹1404 with him. He divides this amount between his two sons, Nitin and Pravin, and asks them to invest their respective shares at a compound interest rate of 8% per annum, compounded annually. It is observed that Nitin's investment amounts to the same value after 19 years as Pravin's investment does after 20 years. How much (in ₹) did Veer give to Pravin?

Ans A) 675                      B) 525                      C) 829                      D) 729

Correct Answer: A

**Q.81** The primary objective of monetary policy is \_\_\_\_\_.

Ans A) To maintain price stability                      B) To maximize employment                      C) To evade taxes                      D) To fund elections

Correct Answer: A

**Q.82** Based on the English alphabetical order, three of the following four are alike in a certain way and thus form a group. Which is the one 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 A) NQU                      B) DGK                      C) PSW                      D) JMP

Correct Answer: D

**Q.83** What should come in place of the question mark (?) in the given series?

35 36 40 49 65 ?

Ans A) 92                      B) 90                      C) 81                      D) 89

Correct Answer: B

**Q.84** 72 is related to 22 following a certain logic. Following the same logic, 132 is related to 37. To which of the following is 108 related, following the same logic?

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. 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 A) 31                      B) 42                      C) 38                      D) 28

Correct Answer: A

<b>Q.85</b> Evaluate: $16 + 20 \div 5 - 2 \times 4$	Ans A) 11	B) 15	C) 12	D) 14	<b>Correct Answer: C</b>
<b>Q.86</b> The energy stored in human liver and muscle tissues is mainly in the form of which carbohydrate?	Ans A) Glycogen	B) Starch	C) Sucrose	D) Cellulose	<b>Correct Answer: A</b>
<b>Q.87</b> What is the fraction equal to $(0.\overline{5} + 0.1)$ in simplest form?	Ans A) $\frac{51}{91}$	B) $\frac{78}{89}$	C) $\frac{71}{69}$	D) $\frac{59}{90}$	<b>Correct Answer: D</b>
<b>Q.88</b> In a right-angled triangle, if the lengths of the opposite side and the adjacent side to angle $\theta$ are 7 cm and 21 cm, respectively, then what is the value of $\tan\theta$ ?	Ans A) $\frac{1}{3}$	B) $\frac{1}{7}$	C) $\frac{2}{21}$	D) $\frac{1}{21}$	<b>Correct Answer: A</b>
<b>Q.89</b> If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', then what will come in place of the question mark (?) in the following equation?  60 A 6 C 3 B 5 D 8 = ?	Ans A) 16	B) 14	C) 15	D) 17	<b>Correct Answer: D</b>
<b>Q.90</b> In December 2025, which country officially transferred the BRICS presidency to India during the concluding session of the 4th BRICS Sherpas Meeting?	Ans A) Brazil	B) China	C) Russia	D) South Africa	<b>Correct Answer: A</b>
<b>Q.91</b> Which of the following letter-number clusters will replace the question mark "?" in the given series to make it logically complete? JVO 5, HTM 11, FRK 17, DPI 23, ?	Ans A) BOG 29	B) BME 27	C) BNG 29	D) AMF 30	<b>Correct Answer: C</b>
<b>Q.92</b> Simplify: $\frac{(2.33)^3 + (1.55)^3 + (1.22)^3 - 3 \times 2.33 \times 1.55 \times 1.22}{(2.33)^2 + (1.55)^2 + (1.22)^2 - 3.6115 - 2.8426 - 1.891}$	Ans A) 5.2	B) 5.1	C) 5.3	D) 5	<b>Correct Answer: B</b>
<b>Q.93</b> A shopkeeper professes to sell his goods at a 35% loss but uses a false balance and gains 55%. The actual weight (rounded off to one decimal place) he uses instead of 1 kg is:	Ans A) 419.4 gm	B) 420.8 gm	C) 417.6 gm	D) 417.9 gm	<b>Correct Answer: A</b>
<b>Q.94</b> Which of the following programmes aims to increase soil fertility and thereby helps in production of healthy food through organic practices without the use of agro-chemicals?	Ans A) Paramparagat Krishi Vikas Yojana	B) Pradhan Mantri Fasal Bima Yojana	C) Pradhan Mantri Kisan MaanDhan Yojana	D) Rastriya Krishi Vikas Yojana	<b>Correct Answer: A</b>
<b>Q.95</b> Which of the following characteristics represents the ability of a computer to work continuously without fatigue?	Ans A) Speed	B) Accuracy	C) Diligence	D) Versatility	<b>Correct Answer: C</b>
<b>Q.96</b> What is the primary function of the Alt + Tab keyboard shortcut in Windows?	Ans A) To minimize all open applications	B) To close the currently active window	C) To open Task Manager	D) To switch between open windows	<b>Correct Answer: D</b>
<b>Q.97</b> As per Census of India 2011, which union territory of India recorded the highest population growth rate?	Ans A) Dadra and Nagar Haveli	B) Puducherry	C) Andaman and Nicobar Islands	D) Daman and Diu	<b>Correct Answer: A</b>

**Q.98** 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 :: ?  
# : BYU :: GDZ : %

Ans A) # = JIE , % = YVR      B) # = JGC , % = YUS      C) # = JGB , % = XUQ      D) # = JGC , % = YVR

**Correct Answer: D**

**Q.99** The monthly incomes of two friends Tushar and Salil, are in the ratio 6 : 7 respectively and each of them saves ₹66,000 every month. If the ratio of their monthly expenditure is 2 : 4, find the monthly income of Tushar (in ₹).

Ans A) 1,10,880      B) 79,200      C) 78,200      D) 80,200

**Correct Answer: B**

**Q.100** Which technique was primarily used to produce flake tools in India during the Middle Palaeolithic culture?

Ans A) Levallois technique      B) Percussion method      C) Blade-tool technology      D) Pressure flaking

**Correct Answer: A**