



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



Test Date	13/10/2025
Test Time	9:30 AM - 11:00 AM
Subject	RRB NTPC Graduate Level II

* 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 II

Q.1 6 is related to 34 following a certain logic. Following the same logic, 8 is related to 46. To which of the given options is 10 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 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.)

- Ans
- 1. 56
 - 2. 57
 - 3. 55
 - 4. 58

Q.2 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. S has an exam on Tuesday. Exactly two people have an exam between S and P. T has an exam immediately before U and R has an exam immediately after Q. Only 1 person has an exam between U and Q. How many people have exams after Q?

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

Q.3 Which of the following numbers is divisible by 39?

- Ans
- 1. 625649
 - 2. 625092
 - 3. 622776
 - 4. 622710

Q.4 Which keyboard shortcut allows you to quickly delete the word to the left of the cursor in MS Word 2019?

- Ans
- 1. Ctrl + Delete
 - 2. Alt + Backspace
 - 3. Shift + Backspace
 - 4. Ctrl + Backspace

Q.5 Gharana Parampara is found in which of the following?

- Ans
- 1. Karnataka Classical Music
 - 2. Hindustani Lok Music
 - 3. Karnataka Folk Music
 - 4. Hindustani Classical Music

Q.6 The average of five consecutive integers is 12. What is the largest of these integers?

- Ans
- 1. 16
 - 2. 14
 - 3. 13
 - 4. 11

Q.7 A group of 30 students has secured the average marks of 70 and another group of 20 students has secured the average marks of 80. What is the average marks secured by students of both the groups taken together?

- Ans
- 1. 78
 - 2. 72
 - 3. 76
 - 4. 74

Q.8 Eight people are sitting in two parallel rows containing 4 people each in such a way that there is equal distance between adjacent persons.

In row 1 – A, D, O and P are seated and all of them are facing south.

In row 2 – U, W, Y and F are seated and all of them are facing north.

Thus each person faces another person from the other row.

U sits third to the left of Y. The one facing P is an immediate neighbour of Y. A sits at some place to the right of P and is not facing W. D sits third to the right of O. Who amongst the following faces F?

- Ans
- 1. W
 - 2. U
 - 3. A
 - 4. D

Q.9 In a certain code, 'food is tasty' is coded as 'gm rt pj', 'snack is good' is coded as 'xl rt bn', and 'tasty good meal' is coded as 'pj bn dv'. What is the code for 'meal' in that code? (All codes are two-letter codes.)

- Ans
- 1. dv
 - 2. rt
 - 3. pj
 - 4. bn

Q.10 The price of a product is increased by 15% and then a discount of 8% is applied. Find the net percentage increase in the price.

- Ans
- 1. 7%
 - 2. 5%
 - 3. 6.2%
 - 4. 5.8%

Q.11 Find the simplified value of $7-8 \times 11-8 \times 13-8$.

- Ans
- 1. $\frac{1}{1001^8}$
 - 2. $\frac{1}{995^8}$
 - 3. $\frac{1}{962^8}$
 - 4. $\frac{1}{1025^8}$

Q.12 Which of the following is NOT a component of essential maternal care?

- Ans
- 1. Tetanus immunisation
 - 2. Intrauterine insemination (IUI)
 - 3. Supplementation of iron and folic acid
 - 4. Education on breastfeeding practices

Q.13 A, B, C, D, E and F have different heights. C is shorter than exactly 1 person. D is shorter than A but taller than F. E is shorter than F, and C is shorter than B. How many people are taller than D?

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

Q.14 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 – GL

✗ 2. RX – MS

✗ 3. MF – HA

✗ 4. IO – DJ

Q.15 Which of the following zones lies between low and high tide in sea margins?

Ans ✓ 1. Tidal zone

✗ 2. Near-shore

✗ 3. Shoreline

✗ 4. Foreshore

Q. The downstream speed is 125 km/hr and the upstream speed is 25 km/hr. It takes a total of 25 hours to go to a place and come back.
What is the total distance (in km) travelled by boat?

.1

6

A ✗ 1. $520\frac{5}{6}$

n

s

✗ 2. $520\frac{1}{6}$

✓ 3. $1041\frac{2}{3}$

✗ 4. $1041\frac{1}{3}$

Q.17 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.

What is Rahul's age(in years)?

Statements:

I. Rahul was born when his father was 33 years old.

II. Rahul is 29 years younger than his mother.

Ans ✗ 1. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question.

✓ 2. Both statements I and II together are NOT sufficient to answer the question

✗ 3. Data in Statement II alone is sufficient to answer the question while data in statement I is not

✗ 4. Data in statement I alone is sufficient to answer the question while data in statement II is not

Q.18 A man covers equal distances at the speeds of 19 km/hr, 8 km/hr and 5 km/hr. His average speed for the entire journey is:

- Ans
- 1. $3\frac{271}{287}$ km/hr
 - 2. $5\frac{271}{287}$ km/hr
 - 3. $13\frac{271}{287}$ km/hr
 - 4. $7\frac{271}{287}$ km/hr

Q.19 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. Q has an exam on Thursday. Exactly four people have their exam between U and P, neither of whom has an exam on Sunday. R has an exam immediately before S. V does not have an exam on Friday. U does not have an exam after S. How many people have exams after P?

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

Q.20 On 3 June 2025, India secured the presidency of which international organisation, defeating Austria with 87 out of 141 votes?

- Ans
- 1. Commonwealth Association for Public Administration (CAPA)
 - 2. Global Institute of Governance and Public Administration (GIGPA)
 - 3. International Institute of Administrative Sciences (IIAS)
 - 4. United Nations Public Administration Network (UNPAN)

Q.21 Which of the following is the characteristic of Montane Forest?

- Ans
- 1. Some of the important trees of this forest are ebony, mahogany etc.
 - 2. Royal Bengal Tiger is the famous animal in these forests.
 - 3. Evergreen broad-leaf trees, such as oaks and chestnuts predominate here.
 - 4. Teak is the most dominant species of this forest.

Q.22 Who among the following was the Prime Minister of India when India launched its Chandrayaan-2 mission?

- Ans
- 1. Narendra Modi
 - 2. Dr Manmohan Singh
 - 3. PV Narasimha Rao
 - 4. Atal Bihari Vajpayee

Q.23 In a certain code, 'books are knowledge' is coded as 'mk xp zj', 'knowledge is power' is coded as 'zk xp vr', and 'power brings success' is coded as 'vr mk gt'.

What is the code for 'is' in that code? (All codes are two-letter codes.)

- Ans
- 1. vr
 - 2. mk
 - 3. xp
 - 4. zk

Q.24 Namesh starts from point A and drives 4 km towards west. He then takes a left turn and drives 5 km. He takes a final left turn and drives 6 km and stops at point B. Rimit starts from point P, which is 16 km east of Point A, and drives 3 km towards east. He then takes a right turn and drives 5 km. He takes a final left turn and drives 3 km and stops at Point Q. What is the shortest distance between Point Q and Point B? (All turns are 90 degree turns only.)

- Ans
- 1. 19 km
 - 2. 21 km
 - 3. 22 km
 - 4. 20 km

Q.25 The number 977340 is divisible by:

- Ans
- 1. 24
 - 2. 37
 - 3. 35
 - 4. 34

Q.26 MOST is related to EFKK in a certain way based on the English alphabetical order. In the same way, GEMJ is related to YVEA. To which of the given options is IDOI related, following the same logic?

- Ans
- 1. AUZG
 - 2. AGUZ
 - 3. AGZU
 - 4. AUGZ

Q.27 Which of the following are aspects of the Centre-State legislative relation?

1. Territorial extent of Central and state legislation
2. Distribution of legislative subjects
3. Parliamentary legislation in the state field
4. Centre's control over state legislation

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

Q.28 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 select the most appropriate answer.

Question:

Among 5 students, F, A, K, E and D each having a different height, which student is the shortest?

Statements:

(I) A is shorter than E. K is shorter than F.

(II) K is taller than A.

- Ans
- 1. Data in statement I alone is sufficient to answer the question while data in statement II is not
 - 2. Data in statement II alone is sufficient to answer the question while data in statement I is not
 - 3. Data in statements I and II together are NOT sufficient to answer the question
 - 4. Data in statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question

Q.29 In a terrestrial ecosystem, green plants capture approximately what percentage of solar energy falling on their leaves?

- Ans
- 1. 0.01%
 - 2. 10%
 - 3. 1%
 - 4. 5%

Q.30 A, B, C, D, X and Y each scored different marks. Only two people have scored more than A. Only B has scored less than D. X has scored more than Y but less than C. How many people have scored more than X?

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

Q.31 What was the ranking of India in the Sustainable Development Goals (SDG) Index according to the 2025 edition of the Sustainable Development Report released in June 2025?

- Ans
- 1. 121
 - 2. 99
 - 3. 106
 - 4. 114

Q.32 Which of the following Articles of the Indian Constitution automatically suspends the Fundamental Rights during emergencies?

- Ans
- 1. 359
 - 2. 352
 - 3. 358
 - 4. 356

Q.33 In August 2025, India launched its first Artificial Intelligence (AI)-powered Anganwadi at which location, marking a major advancement in early childhood education?

- Ans
- 1. Khargone village, Maharashtra
 - 2. Dharampur village, Gujarat
 - 3. Waddhamna village, Nagpur district, Maharashtra
 - 4. Pipariya village, Madhya Pradesh

Q.34 The average of three numbers is 49. The first number is twice the second, and the second is twice the third. What is the largest number?

- Ans
- 1. 84
 - 2. 21
 - 3. 42
 - 4. 63

Q.35 Who among the following is credited with the composition of a text called 'Gatha Saptasati' or 'Saptasati'?

- Ans
- 1. Srimukha
 - 2. Gautamiputra
 - 3. Satakarni I
 - 4. Hala

Q.36 The price of 4 pens and 5 notebooks is ₹130. If the price of a pen increases by 25% and the price of a notebook decreases by 20%, then the price of 2 pens and 4 notebooks becomes ₹82. What is the original price of 1 pen and 2 notebooks?

- Ans
- 1. ₹30
 - 2. ₹40
 - 3. ₹20
 - 4. ₹25

Q.37 Which country will host the 2034 FIFA World Cup?

- Ans
- 1. Brazil
 - 2. Russia
 - 3. Saudi Arabia
 - 4. Qatar

Q.38 In August 2025, Spanish tennis star Carlos Alcaraz won his first-ever Cincinnati Open title after which player retired in the final?

- Ans
- 1. Novak Djokovic
 - 2. Daniil Medvedev
 - 3. Alexander Zverev
 - 4. Jannik Sinner

Q.39 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$26 + 8 \times 4 - 10 \div 5 = ?$$

- Ans
- 1. 77
 - 2. 75
 - 3. 74
 - 4. 73

Q.40 Evaluate the following.

$$\frac{4}{3} + \left(\frac{1}{1 + \frac{2}{7}} \right) - \frac{4}{3}$$

- Ans
- 1. $\frac{9}{8}$
 - 2. $\frac{3}{13}$
 - 3. $\frac{7}{9}$
 - 4. $\frac{10}{3}$

Q.41 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

WASH - HSWA - WSAH

NEST - TSNE - NSET

- Ans
- 1. OILS - SLOI - OLIS
 - 2. TRAY - RATY - RAYT
 - 3. FOGS - SGFO - OGFS
 - 4. PACE - PCAE - ECAP

Q.42 Infant mortality rate is the number of infants per thousand who die before reaching _____ year(s) of age.

- Ans
- 1. three
 - 2. six
 - 3. one
 - 4. two

Q.43 As part of an initiative of the Union government, the NCCF started selling onions through mobile vans in Mumbai during September 2025 at subsidized rates. What does NCCF stand for?

- Ans
- 1. National Consumer Cooperative for Food distribution
 - 2. National Consumer Confederation for Food
 - 3. National Cooperative Consumers' Federation of India
 - 4. National Cooperative Confederation for Food supplies

Q.44 During a sale 50% of the goods are sold at 45% profit, 30% of the remaining goods are sold at 27% profit and the still remaining goods are sold at a loss of 43%. If there is an overall profit of x%, then what is the value of x?

- Ans
- 1. 10
 - 2. 12
 - 3. 11.5
 - 4. 13

Q.45 Which meristematic tissue is found at nodes and helps in regrowth of grasses?

- Ans
- 1. Lateral
 - 2. Intercalary
 - 3. Permanent
 - 4. Apical

Q.46 In July 2025, the Indian Army began restructuring single-arm brigades into integrated combat units combining infantry, tanks, artillery, engineers, UAVs and Special Forces. What are these units called?

- Ans
- 1. Agni Multi-Domain Combat Units
 - 2. Vajra Integrated Battle Groups
 - 3. Rudra All-Arms Brigades
 - 4. Sena Combined Operations Brigades

Q.47 Who was appointed as the president and chief executive officer of BMW Group India as of September 2025?

- Ans
- 1. Hardeep Singh Brar
 - 2. Santosh Iyer
 - 3. Balbir Singh Dhillon
 - 4. Anurag Mehrotra

Q.48 The ratio of the cost prices of articles X and Y is 3 : 7. A man earns a profit of 14% by selling X and loses 11% by selling Y. What is his gain/loss percentage in the entire transaction?

- Ans
- 1. Loss, 3%
 - 2. Loss, 3.5%
 - 3. Gain, 5%
 - 4. Gain, 3.5%

Q.49 Which Governor-General of India (1848-1856) was mainly associated with enforcing the Doctrine of Lapse to annex Indian states without a male heir?

- Ans
- 1. Lord Dalhousie
 - 2. Lord Cornwallis
 - 3. Lord Hastings
 - 4. Lord Wellesley

Q.50 If the ratio of two numbers is 5 : 4 and their HCF is 5, find their LCM.

- Ans
- 1. 90
 - 2. 124
 - 3. 128
 - 4. 100

Q.51 In the following series, only one letter-cluster is incorrect. Select the INCORRECT letter-cluster.

JFB RNJ ZVR HDZ PLK XTP

- Ans
- 1. ZVR
 - 2. PLK
 - 3. RNJ
 - 4. HDZ

Q.52 The marked price of a shirt is ₹1,200. A shopkeeper offers two successive discounts of 5% and 15% on the marked price. By how many rupees is the selling price less than the marked price?

- Ans
- 1. ₹231
 - 2. ₹241
 - 3. ₹131
 - 4. ₹141

Q.53 What happens to the speed of sound in a medium when its temperature increases?

- Ans
- 1. It increases.
 - 2. It remains the same.
 - 3. It decreases.
 - 4. It is not affected by the temperature.

Q.54 Who among the following was the Chola conqueror of Ganga?

- Ans
- 1. Vijayalaya
 - 2. Aditya
 - 3. Rajaraja I
 - 4. Rajendra I

Q.55 Simplify: $0.848 \div 0.8 \times \frac{1}{2} + 0.125 \div \frac{5}{2} \times 0.4$

- Ans
- 1. 0.53
 - 2. 0.55
 - 3. 0.73
 - 4. 0.75

Q.56 In the substitution of methane with chlorine, sunlight is required to:

- Ans
- 1. absorb chlorine
 - 2. provide heat
 - 3. initiate free radical formation
 - 4. prevent oxidation

Q.57 The value of $6^2 + \sqrt{2^2} - 5\sqrt{25} - 11$ is

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

Q.58 What should come in place of the question mark (?) in the given series?

7, 25, 61, 115, 187, ?

- Ans
- 1. 277
 - 2. 275
 - 3. 276
 - 4. 278

Q.59 Which of the following is NOT a direct tax?

- Ans
- 1. Tax on capital gains
 - 2. Corporate tax
 - 3. Value Added Tax (VAT)
 - 4. Income tax

Q.60 Evaluate the following.

$$\frac{5}{2} + \left(\frac{1}{1 + \frac{5}{7}} \right) - \frac{3}{2}$$

Ans 1. $\frac{18}{19}$

2. $\frac{19}{12}$

3. $\frac{28}{3}$

4. $\frac{11}{8}$

Q.61 In the context of operating systems, what does PCB stand for?

Ans 1. Printed Circuit Board

2. Permanent Code Buffer

3. Program Control Board

4. Process Control Block

Q.62 If 'A' stands for '+', 'B' stands for '-', 'C' stands for '×' and 'D' stands for '÷', what will come in place of the question mark (?) in the following equation?

$$25 \text{ C } 3 \text{ B } 12 \text{ D } 4 \text{ A } 10 = ?$$

Ans 1. 80

2. 83

3. 81

4. 82

Q.63 The simple interest (in ₹) on ₹5,000 at 5% per annum for 2 years is:

Ans 1. 500

2. 580

3. 600

4. 530

Q.64 Three bells ring at intervals of 12, 15 and 18 minutes. If they rang together at 10:00 am, when will they ring together again?

Ans 1. 2:00 p.m.

2. 4:00 p.m.

3. 1:00 p.m.

4. 12:00 p.m.

Q.65 A, B, C, D, E, F, G and H are sitting around a square table facing the centre of the table. Some of them are sitting at the corners while some are sitting at the exact centre of the sides. F sits second to the right of G. F sits at one of the corners. Only three people sit between G and E when counted from the left of G. H sits third to the left of E. Only three people sit between H and B when counted from the left of H. C sits second to the right of B. D is not an immediate neighbour of E. How many people sit between E and D, when counted from the left of D?

- Ans
- 1. None
 - 2. More than two
 - 3. One
 - 4. Two

Q.66 A machine depreciates at a rate of 10% per annum. If the current value of the machine is ₹1,00,000, what will be its value after 2 years?

- Ans
- 1. ₹80,000
 - 2. ₹79,000
 - 3. ₹81,000
 - 4. ₹78,000

Q.67 What is the percentage of population living in cities referred to as?

- Ans
- 1. Population Density
 - 2. Crude Birth Rate
 - 3. Growth Rate
 - 4. Urbanisation

Q.68 The primary force responsible for pulling water upward in tall plants is _____.

- Ans
- 1. osmosis
 - 2. guttation
 - 3. transpiration
 - 4. root pressure

Q.69 When a plain text email is sent, which Content-Type value is typically specified in the message header, according to MIME standards?

- Ans
- 1. text/plain; charset=UTF-8
 - 2. text/html; charset=ASCII
 - 3. multipart/mixed
 - 4. application/octet-stream

Q.70 A trader gives 10% discount on the marked price of an article and gives 4 articles free for buying 15 articles and gains 35% in the entire transaction. Assuming a customer pays for 15 articles, the marked price of an article is what percentage more than its cost price?

Ans 1. 90%

2. 94%

3. 89%

4. 95%

Q.71 In the following series, only one letter-cluster is incorrect. Select the INCORRECT letter-cluster.

HQK KNN NKQ QHS TEW WBZ

Ans 1. TEW

2. WBZ

3. QHS

4. NKQ

Q.72 What should come in place of the question mark (?) in the given series?

12, 25, 51, 90, 142 , ?

Ans 1. 208

2. 207

3. 209

4. 206

Q.73 The reservation of seats for women in Panchayati Raj institutions is provided by which of the following Constitutional amendments?

Ans 1. 74th Amendment

2. 75th Amendment

3. 70th Amendment

4. 73rd Amendment

Q.74 From a taxi stand, two cabs start at a speed of 57 km/hr at an interval of 12 minutes, both cabs travelling in the same direction. A man coming in the opposite direction towards the taxi stand meets the cabs at an interval of 10 minutes. Find the speed (in km/hr) of the man.

Ans 1. 11.4

2. 7.9

3. 12.7

4. 9.5

Q.75 Ramesh invested ₹25,000 each in two different schemes for 2 years. The rate of interest in the first scheme is 8% per annum, compounded annually, and in the second scheme it is 6% per annum, compounded annually. What is the difference in the compound interest earned from both the schemes?

- Ans
- 1. ₹1,050
 - 2. ₹1,060
 - 3. ₹1,070
 - 4. ₹1,040

Q.76 Which of the following statements, in the context of Indian citizenship provisions, is correct?

I) Citizenship is listed in the State list.

II) Articles 5 to 11 of the Constitution of India deal with various categories of persons who are entitled to citizenship.

III) There are only three ways to get Indian citizenship.

- Ans
- 1. Only II
 - 2. Only III
 - 3. Only I and III
 - 4. I, II and III

Q.77 The price of fuel decreases by 10%, 45% and 10% in three successive months, but increases by 65% in the fourth month. What is the percentage increase/decrease in the price of fuel in the fourth month as compared to its original price? (Round off the answer to two decimal places.)

- Ans
- 1. Decreases by 30.57%
 - 2. Increases by 21.55%
 - 3. Decreases by 26.49%
 - 4. Increases by 25.16%

Q.78 Which statement about lyophilic sols is correct?

- Ans
- 1. They have strong affinity for the dispersion medium.
 - 2. They are unstable compared to lyophobic sols.
 - 3. They do not show the Tyndall effect.
 - 4. They are easily coagulated by electrolytes.

Q.79 Pure ghee costs ₹112/kg. After adulterating it with vegetable oil costing ₹56/kg, a dishonest shopkeeper sells the mixture at the rate of ₹91/kg, thereby making a profit of 30%. In what ratio does he mix the two?

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

Q.80 Which of the following ratios is the greatest?

- Ans 1. 20 : 38
 2. 23 : 45
 3. 13 : 40
 4. 19 : 43

Q.81 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 calculators are stones.

All calculators are pens.

No calculator is an octopus.

Conclusions:

(I): No octopus is a stone.

(II): Some pens are octopuses.

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

Q.82 If the ratio of the quadrilateral's four angles is $\angle w : \angle x : \angle y : \angle z = 2 : 3 : 3 : 4$, then what is the value of $\angle x$?

- Ans 1. 60°
 2. 80°
 3. 90°
 4. 70°

Q.83 The ratio of the salaries of two employees is 3 : 4. If the first employee's salary is increased by 10% and the second employee's salary is increased by 20%, what will be the new ratio of their salaries?

- Ans 1. 33 : 56
 2. 33 : 47
 3. 3 : 4
 4. 11 : 16

Q.84 Life expectancy is an indicator of which of the following?

- Ans 1. Technology and Innovation Report
 2. Commodities and Development Report
 3. Human Development Report
 4. World Employment Report

Q.85 Why does evaporation cause cooling?

- Ans 1. Because particles absorb latent heat from the surroundings during evaporation
 2. Because evaporation reduces air pressure
 3. Because evaporation increases particle size
 4. Because particles lose heat to the surroundings during evaporation

Q.86 In 1878, dissatisfied followers of Keshab Chandra Sen established the Sadharan Brahmo Samaj. Who among the following were its founders?

- Ans 1. Raja Ram Mohan Roy, Debendranath Tagore and Keshab Chandra Sen
 2. Ananda Mohan Bose, Sib Chandra Deb and Umesh Chandra Dutta
 3. Sib Chandra Deb, Rabindranath Tagore and Surendranath Banerjee
 4. Ishwar Chandra Vidyasagar, Ananda Mohan Bose and Bankim Chandra Chatterjee

Q.87 Mahatma Gandhi labelled which repressive British legislation as the 'Black Act' and called for an All-India mass protest against it in 1919?

- Ans 1. Arms Act
 2. Indian Councils Act
 3. Vernacular Press Act
 4. Rowlatt Act

Q.88 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. AE-DH
 2. KO-NR
 3. MQ-PT
 4. GK-IP

Q.89 A solid metal cylinder of height 20 cm and diameter 14 cm is melted and recast into two solid cones having volume in the ratio 3 : 4, keeping the height 35 cm. What would be the percentage change in the flat surface area (area of the bases) before and after?

9

A 1. $9\frac{1}{11}$ % increase

n

s

2. $26\frac{1}{13}$ % decrease

3. $14\frac{2}{7}$ % decrease

4. $22\frac{1}{9}$ % increase

Q.90 Samar starts from point A and drives 7 km towards east. He then takes a right turn and drives 9 km. He takes a final right turn and drives 13 km and stops at point B. Wahid starts from point P, which is 14 km east of Point A, and drives 3 km towards west. He then takes a left turn and drives 9 km. He takes a final right turn and drives 8 km and stops at Point Q. What is the shortest distance between Point Q and Point B? (All turns are 90 degree turns only.)

- Ans 1. 9 km
 2. 8 km
 3. 10 km
 4. 11 km

Q.91 In August 2025, which facility was inaugurated by the Chief of the Army Staff (COAS), General Upendra Dwivedi, at IIT Madras to bridge academic research and military needs?

- Ans 1. Bharat Military Technology Incubation Hub
 2. Project SAMBHAV Secure Army Mobile Lab
 3. Agnishodh, the Indian Army Research Cell (IARC)
 4. Defence Innovation and Technology Research Centre

Q.92 The name given by Wegener to a huge water body that surrounded Pangaea is:

- Ans 1. Tethys
 2. Laurasia
 3. Water hemisphere
 4. Panthalassa

Q.93 In MS Excel 2019, what is the maximum column width that can be set, and what does it represent?

- Ans 1. 32767 – Represents the maximum number of characters storable in a cell
 2. 409 – Represents the number of visible characters possible in a zoomed-out view
 3. 255 – Represents pixels based on the monitor resolution
 4. 255 – Represents the number of characters in the default font that fit in a cell

Q.94 What should come in place of the question mark (?) in the given series?

2 12 60 240 ? 1440

- Ans 1. 720
 2. 760
 3. 780
 4. 660

Q.95 Which of the following Articles deals with the composition of the panchayats?

- Ans
- 1. Article 243B
 - 2. Article 243D
 - 3. Article 243C
 - 4. Article 243A

Q.96 Which keyboard shortcut allows you to open the Open dialog box in MS PowerPoint 2019 for selecting a file to open?

- Ans
- 1. Ctrl + Shift + O
 - 2. Ctrl + O
 - 3. Alt + O
 - 4. Shift + O

Q.97 The simplified value of $72 \div \left[\frac{12}{6} \times \{3 + 9 - (5 + 5 - (2 + 5))\} \right]$ is:

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

Q.98 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 wife of B',

and A ÷ B means 'A is the father of B'.

Which of the following means that R is the mother's brother of T ?

- Ans
- 1. P ÷ Q x R ÷ S + T
 - 2. P ÷ Q x R - S + T
 - 3. P x Q ÷ R - S x T
 - 4. P ÷ Q - R x S - T

Q.99 Which country is known for its unique 'Dragon King' monarchy?

- Ans
- 1. Bhutan
 - 2. China
 - 3. Sri Lanka
 - 4. Bangladesh

Q.100 MPQO is related to UXYW in a certain way based on the English alphabetical order. In the same way, DGHF is related to LOPN. To which of the given options is KNOM related, following the same logic?

- Ans
- 1. SWUV
 - 2. SUWV
 - 3. SVWU
 - 4. SWVU

Q.101 India's North Central Railway Zone's Headquarter is located in _____.

- Ans
- 1. Jabalpur
 - 2. Jaipur
 - 3. Prayagraj
 - 4. Bilaspur

Q.102 The 'Chennai Port' is located along which of the following water bodies?

- Ans
- 1. Arabian Sea
 - 2. Gulf of Mannar
 - 3. Bay of Bengal
 - 4. Andaman Sea

Q.103 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$32 - 15 \div 5 + 10 \times 2 = ?$$

- Ans
- 1. 102
 - 2. 103
 - 3. 101
 - 4. 100

Q.104 The Brundtland Report, 'Our Common Future' (1987), formally introduced which key concept, defined as meeting present needs without compromising the ability of future generations to meet their own?

- Ans
- 1. Sustainable Development
 - 2. Inclusive Growth
 - 3. Green Economy
 - 4. Ecological Modernisation

Q.105 In the following series, only one letter-cluster is incorrect. Select the INCORRECT letter-cluster.

FHK IKN LNQ OQT RSW

- Ans
- 1. FHK
 - 2. LNQ
 - 3. RSW
 - 4. OQT

Q.106 The Champaran Satyagraha of 1917, Gandhi's first major involvement in India's freedom struggle, was launched in support of which group?

- Ans
- 1. Indigo farmers in Bihar
 - 2. Cotton mill workers in Bombay
 - 3. Peasant tenants in Awadh
 - 4. Tea plantation workers in Assam

Q.107 What does the number of compressions or rarefactions passing a point per unit time represent in a sound wave?

- Ans
- 1. Frequency
 - 2. Wavelength
 - 3. Amplitude
 - 4. Loudness

Q.108 If i is the angle of incidence and r is the angle of refraction, which relation is correct according to Snell's law?

- Ans
- 1. $\sin i - \sin r = \text{constant}$
 - 2. $\sin i \div \sin r = \text{constant}$
 - 3. $\sin i + \sin r = \text{constant}$
 - 4. $\sin i \times \sin r = \text{constant}$

Q.109 Find the weighted average of the numbers 17, 12, 23, 45, and 301, using the respective weights 29, 87, 15, 26, and 18.

- Ans
- 1. 58.4
 - 2. 42.5
 - 3. 42.42
 - 4. 48.4

Q.110 In this question, a statement is given followed by two courses of action, numbered I and II. You must assume everything in the statement to be true, and on the basis of the information given in the statement, decide which of the given courses of action logically follow(s) for pursuing.

Statement:

Reports indicate that fish populations in River Y have declined sharply due to excessive fishing and industrial pollution.

Courses of Action:

I. Fishing in River Y should be regulated for at least six months.

II. Industries should be ordered to treat waste before discharging into River Y.

- Ans
- 1. Only I follows
 - 2. Neither I nor II follows
 - 3. Both I and II follow
 - 4. Only II follows

Q.111 The sides of a triangle are 70 cm, 56 cm and 42 cm. What is its area? (in cm^2)

- Ans
- 1. 1176
 - 2. 1186
 - 3. 1211
 - 4. 1171

Q.112 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. LPQ
 - 2. XBC
 - 3. NSS
 - 4. SWX

Q.113 Find the number of bricks, each measuring 72 cm \times 50 cm \times 25 cm, required to construct a wall 81 m long, 29 m high and 0.8 m thick, while the sand and cement mixture occupies 40% of the total volume of wall.

- Ans
- 1. 12727
 - 2. 12528
 - 3. 12687
 - 4. 12496

Q.114 Which of the following traditional dance forms in India incorporates the use of a pair of decorated sticks and is traditionally performed during Navratri?

- Ans
- ✗ 1. Koli
 - ✗ 2. Bihu
 - ✗ 3. Bhangra
 - ✓ 4. Dandiya

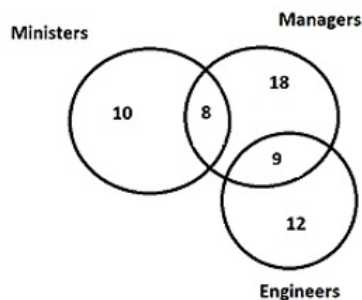
Q.115 Refer to the given letter, number, symbol series and answer the question that follows.

(Left) D 4 & A \$ Z G 7 R 5 % W 2 @ 3 # V 6 & F Y (Right)

If all the numbers are dropped from the series, which of the following will be seventh from the right?

- Ans
- ✗ 1. @
 - ✗ 2. %
 - ✗ 3. G
 - ✓ 4. W

Q.116 Study the given Venn diagram carefully and answer the question that follows. The numbers in different sections indicate the number of persons.



How many Ministers are there who are Managers but NOT Engineers?

- Ans
- ✗ 1. 9
 - ✗ 2. 18
 - ✓ 3. 8
 - ✗ 4. 10

Q.117 If x varies inversely as $y^3 - 1$ and x is equal to 6 when $y = 4$, find the value of x when $y = 8$.

- Ans
- ✗ 1. $\frac{143}{141}$
 - ✗ 2. $\frac{147}{115}$
 - ✓ 3. $\frac{54}{73}$
 - ✗ 4. $\frac{83}{98}$

Q.118 Refer to the following letter, number, symbol series and answer the question

(Left) \$ T 1 & 9 Z 7 * A M S 1 * D % 7 * (Right)

If all the symbols are dropped from the series, which of the following will be seventh from the right?

- Ans
- 1. 1
 - 2. 9
 - 3. 7
 - 4. T

Q.119 In the following number-pairs, the second number is obtained by applying certain mathematical operation(s) to the first number. Select the number-pair in which the numbers are related in the same way as are the numbers of the following pairs.

(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.)

11, 68

14, 86

- Ans
- 1. 18, 104
 - 2. 17, 104
 - 3. 17, 103
 - 4. 18, 103

Q.120 On 3 March 2025, the world observed World Wildlife Day with which theme?

- Ans
- 1. Wildlife Conservation Finance: Investing in People and Planet
 - 2. Partnerships for Wildlife Conservation
 - 3. Recovering Key Species for Ecosystem Restoration
 - 4. Forests and Livelihoods: Sustaining People and Planet



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



Test Date	13/10/2025
Test Time	2:30 PM - 4:00 PM
Subject	RRB NTPC Graduate Level II

* 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 II

Q.1 Pure ghee costs ₹86/kg. After adulterating it with vegetable oil costing ₹43/kg, a dishonest shopkeeper sells the mixture at the rate of ₹80/kg, thereby making a profit of 60%. In what ratio does he mix the two?

Ans 1. 11 : 34 2. 7 : 36 3. 3 : 38 4. 6 : 41

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 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. LO-MP 2. NQ-NT 3. IL-JM 4. JM-KN

Q.3 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 ::?

: NVS :: JRO : %

Ans 1. # = MUS, % = KSP 2. # = MUR, % = KSO 3. # = MUR, % = KSP 4. # = MUR, % = KRP

Q.4 On 16 June 2025, during his visit to Nicosia, Prime Minister Narendra Modi received which distinction from Cyprus, named after its first President?

- Ans
- 1. Grand Cross of the Order of Makarios IV
 - 2. Grand Collar of the Order of Makarios III
 - 3. Grand Cross of the Order of Makarios III
 - 4. Grand Collar of the Order of Makarios IV

Q.5 Who has been appointed as the first woman Vice Chancellor of the Indira Gandhi National Open University (IGNOU) on July 2025?

- Ans
- 1. Prof. Anu Singh Lather
 - 2. Dr. Najma Akhtar
 - 3. Prof. Uma Kanjilal
 - 4. Prof. Shashikala Wanjari

Q.6 A boat travels downstream at a speed of 25 km/hr and upstream at a speed of 15 km/hr. What is the speed of the stream?

- Ans
- 1. 6 km/hr
 - 2. 5 km/hr
 - 3. 4 km/hr
 - 4. 8 km/hr

Q.7 If ₹10,000 becomes ₹12,100 in 2 years at compound interest compounded annually, what is the annual percentage rate of compounding?

- Ans
- 1. 9
 - 2. 12
 - 3. 10
 - 4. 8

Q.8 From a bus depot, buses leave every 8 minutes and travel along a straight road at a speed of 24 km/hr. A traveller moving towards the depot along the same road meets the buses at regular intervals of 6 minutes. Find the speed of the traveller.

- Ans
- 1. 5 km/hr
 - 2. 8 km/hr
 - 3. 6 km/hr
 - 4. 3 km/hr

Q.9 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 parks are meadows.

All meadows are forests.

Some forests are gardens.

Conclusions:

(I): Some parks are gardens.

(II): Some meadows are gardens.

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

Q.10 Which of the following numbers is divisible by 93?

- Ans
- 1. 855786
 - 2. 856159
 - 3. 856497
 - 4. 858226

Q.11 In the following series, only one letter-cluster is incorrect. Select the INCORRECT letter-cluster.

WOG ASK EWO IAS MEV QIA

- Ans
- 1. MEV
 - 2. EWO
 - 3. IAS
 - 4. QIA

Q.12 Which of the following options accurately describes how ASCII ensures backward compatibility with Unicode?

- Ans
- 1. Unicode deprecated ASCII control characters entirely.
 - 2. ASCII was revised to include all Unicode symbols beyond U+007F.
 - 3. ASCII uses 8-bit encoding identical to Unicode's full range.
 - 4. Unicode's first 128 code points match the ASCII values exactly.

Q.13 What is the full form of SGSY, a policy aimed at poverty alleviation in India?

- Ans
- ✓ 1. Swarnjayanti Gram Swarozgar Yojana
 - ✗ 2. Swarna Jayanti Gram Samridhhi Yojana
 - ✗ 3. Swabhimaan Gram Suraksha Yojana
 - ✗ 4. Swachh Gram Swarozgar Yojana
-

Q.14 Which climate classification system is most widely used in the world?

- Ans
- ✗ 1. Thornthwaite Classification
 - ✗ 2. Strahler Classification
 - ✗ 3. Trewartha Classification
 - ✓ 4. Koppen Classification
-

Q.15 There are 80 students in a hostel. Due to new admissions, 30 new students join the mess, and the daily expense of the mess increases by ₹260, while the average expenditure per head diminishes by ₹10. What was the original daily expenditure (in ₹, rounded off to the nearest tens) of the mess?

- Ans
- ✗ 1. 3,720
 - ✗ 2. 4,220
 - ✗ 3. 4,020
 - ✓ 4. 3,630
-

Q.16 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. NR-OS
 - ✓ 2. DH-DK
 - ✗ 3. QU-RV
 - ✗ 4. VZ-WA
-

Q.17 A dishonest shopkeeper promises to sell his goods at cost price. However, he uses a weight that actually weighs 37% less than what is written on it. Find his profit percentage.

.1

7

A ✓ 1. $58\frac{46}{63}\%$

n

s

✗ 2. $60\frac{46}{63}\%$

✗ 3. $63\frac{46}{63}\%$

✗ 4. $64\frac{46}{63}\%$

Q.18 Evaluate the following.

$$\frac{5}{4} + \left(\frac{1}{1 + \frac{3}{7}} \right) - \frac{4}{3}$$

Ans ✗ 1. $\frac{33}{64}$

✓ 2. $\frac{37}{60}$

✗ 3. $\frac{41}{70}$

✗ 4. $\frac{27}{68}$

Q.19 Which Article of the Constitution of India contains the provisions regarding 'Rights of citizenship of certain persons of Indian origin residing outside India'?

Ans ✗ 1. Article 13

✗ 2. Article 5

✓ 3. Article 8

✗ 4. Article 11

Q.20 In a certain code, 'lion tiger cat' is coded as 'dz ph st', 'cat dog horse' is coded as 'lp jk st', and 'dog lion rat' is coded as 'ug ph jk'. What is the word 'tiger' coded as in that code? (All the codes are two letter coded only.)

Ans ✗ 1. jk

✗ 2. ph

✓ 3. dz

✗ 4. st

Q.21 Animals with high energy needs, like birds and mammals, have:

Ans ✗ 1. a single-chambered heart

✗ 2. a three-chambered heart

✓ 3. a four-chambered heart

✗ 4. a two-chambered heart

Q.22 In the context of the Revolt of 1857, what did the General Service Enlistment Act of 1856 require of sepoys?

- Ans
- 1. Restriction on marrying without the permission of British officers
 - 2. Prohibition on wearing religious symbols such as caste marks or beards
 - 3. Mandatory conversion of sepoys to Christianity before joining service
 - 4. Compulsory overseas service, violating the religious beliefs of some sepoys

Q.23 Find the simplified value of $24 - 3 \times 15 - 3 \times 17 - 3$.

- Ans
- 1. $\frac{1}{6108^3}$
 - 2. $\frac{1}{6144^3}$
 - 3. $\frac{1}{6120^3}$
 - 4. $\frac{1}{6084^3}$

Q.24 Simplify: $0.5 + 0.2 \times 4.8 \div (2.4 \div 1.2) - 0.90 \div 2$

- Ans
- 1. 0.53
 - 2. 0.51
 - 3. 0.52
 - 4. 0.50

Q.25 Laksh starts from point A and drives 7 km towards east. He then takes a right turn and drives 12 km. He takes a final left turn and drives 6 km and stops at point B. Vinod starts from point P, which is 16 km east of Point A, and drives 4 km towards east. He then takes a right turn and drives 12 km. He takes a final right turn and drives 3 km and stops at Point Q. What is the shortest distance between Point Q and Point B? (All turns are 90 degree turns only.)

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

Q.26 According to the Ministry of Power, which of the following is the primary source of energy in India? (As of May 2023).

- Ans
- 1. Hydroelectric
 - 2. Thermal
 - 3. Solar
 - 4. Nuclear

Q.27 This question is based on the following words.

GOT HER WAR FIT

In each of the words, each vowel is changed to the letter immediately following it in the English alphabetical order and each consonant is changed to the letter immediately preceding it in the English alphabetical order. In how many letter-clusters thus formed, will no vowel appear?

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

Q.28 Refer to the following letter, number, symbol series and answer the question. Counting to be done from left to right.

(Left) \$ T 1 & 9 Z 7 * A 0 # K @ N Z (Right)

How many such numbers are there which are immediately preceded by a symbol and also immediately followed by a letter?

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

Q.29 A shop offers three successive discounts of 10%, 15% and 20% on a product. Find the single equivalent discount percentage that would result in the same final price.

- Ans
- 1. 38.8%
 - 2. 45%
 - 3. 40.8%
 - 4. 42.8%

Q.30 Ramanand spends 48% of his income on food, 25% on house rent, 12% on conveyance and 60% of the remaining on children's education. Find the percentage of his income left with him.

- Ans
- 1. 9.98%
 - 2. 6%
 - 3. 8.25%
 - 4. 9%

Q.31 What should come in place of the question mark (?) in the given series?

14, 25, 47, 80, 124 , ?

Ans 1. 178

2. 179

3. 177

4. 180

Q.32 If an Age Pyramid has a wide base and is tapering rapidly upwards, what does it indicate?

Ans 1. Progressive population

2. Regressive population

3. Stationary population

4. Non-stationary population

Q.33 What is China's global infrastructure initiative aimed at fostering connectivity worldwide, launched in 2013?

Ans 1. Economic Belt Initiative

2. Belt and Road Initiative

3. Great Wall Initiative

4. Economic Corridor

Q.34 Which of the following were prominent leaders of the Extremist phase of the Indian National Movement, who emphasised Swadeshi, self-reliance, and direct action against British rule?

Ans 1. Surendranath Banerjee, Pherozeshah Mehta and Ananda Charlu

2. Dadabhai Naoroji, Gopal Krishna Gokhale and MG Ranade

3. Raja Ram Mohan Roy, Ishwar Chandra Vidyasagar and MG Ranade

4. Bipan Chandra Pal, Bal Gangadhar Tilak and Ashwini Kumar Dutt

Q.35 Which of the following electron configurations is NOT possible according to the Bohr–Bury rules?

Ans 1. 2, 8, 8, 1

2. 2, 8, 5

3. 2, 8, 3

4. 2, 9, 7

Q.36 The Third United Nations Conference on Landlocked Developing Countries (LLDC3) opened on 5 August 2025 in which country?

Ans 1. Turkmenistan

2. Kazakhstan

3. Uzbekistan

4. Kyrgyzstan

Q.37 9 is related to 55 following a certain logic. Following the same logic, 12 is related to 73. To which of the given options is 16 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 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.)

- Ans
- 1. 98
 - 2. 99
 - 3. 97
 - 4. 96

Q.38 In the following number-pairs, the second number is obtained by applying certain mathematical operation(s) to the first number. Select the number-pair in which the numbers are related in the same way as are the numbers of the following pairs.

(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.)

8, 38

11, 53

- Ans
- 1. 14, 67
 - 2. 15, 68
 - 3. 14, 68
 - 4. 15, 67

Q.39 The blood pressure recorded when the heart relaxes is called _____.

- Ans
- 1. diastolic
 - 2. pulse
 - 3. systolic
 - 4. venous

Q.40 Which among the following states launched a Clean Air Plan, India's first state-level clean air strategy grounded in scientific analysis and an airshed-based approach?

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

Q.41 Which statutory body, established during the first phase of the Green Revolution, deals with food grains and supply chain management in India?

- Ans
- 1. Food Stack Portal
 - 2. Food Corporation of India
 - 3. Food and Agriculture Organization
 - 4. Agricultural and Processed Food Products Export Development Authority

Q.42 The LCM of the numbers 5, 155 and 83 is:

- Ans
- 1. 12685
 - 2. 12425
 - 3. 12865
 - 4. 12245

Q.43 What is the effect of using Ctrl + J in MS Word, and how is it distinct from Ctrl + Shift + J?

- Ans
- 1. Both shortcuts justify text identically
 - 2. Ctrl + J justifies text; Ctrl + Shift + J applies distributed justification where last line is also stretched
 - 3. Ctrl + J left-aligns; Ctrl + Shift + J right-aligns
 - 4. Ctrl + J centers text; Ctrl + Shift + J varies justification

Q.44 Container A contains 30 litres of pure milk costing ₹40 per litre, and container B contains 50 litres of pure milk costing ₹50 per litre. The entire contents are mixed together. By how much is the average cost per litre of the mixture more or less than the average cost per litre of container A's milk?

- Ans
- 1. ₹6.25 more
 - 2. ₹6.25 less
 - 3. ₹6.50 more
 - 4. ₹6.50 less

Q.45 In August 2025, Union Minister Dr Jitendra Singh inaugurated which facility in Hyderabad, marking India's first of its kind?

- Ans
- 1. India's first Animal Cloning and Biotechnology Laboratory
 - 2. India's first State-of-the-Art Animal Stem Cell Biobank and Laboratory
 - 3. India's first Veterinary Vaccine Research Institute
 - 4. India's first Animal Genome Sequencing Center

Q.46 In the following triads, each group of letters is related to the subsequent one following a certain logic. Select from the given options, the one which follows the same logic.

CLAY - YLCA - LACY

BOWS - SOBW - OWBS

- Ans
- 1. GEAR - GAER - RAEG
 - 2. DENT - EDNT - TEND
 - 3. FROM - MRFO - ROFM
 - 4. FILE - EIFL - LIFE

Q.47 The sides of a triangle are 189 cm, 48 cm and 195 cm. What is its area? (in cm^2)

- Ans
- 1. 4536
 - 2. 4509
 - 3. 4501
 - 4. 4532

Q.48 The progressive increase in pesticide concentration at successive trophic levels is termed as:

- Ans
- 1. biotransformation
 - 2. biomagnification
 - 3. bioaccumulation
 - 4. biodegradation

Q.49 In which of the following states did the Indian Army conduct a high-altitude technology demonstration exercise named 'Divya Drishti' in July 2025?

- Ans
- 1. Arunachal Pradesh
 - 2. Uttarakhand
 - 3. Sikkim
 - 4. Kerala

Q.50 Who among the following laid the foundation of the Kanva dynasty?

- Ans
- 1. Menander
 - 2. Vasudeva
 - 3. Pushyamitra
 - 4. Rudradaman

Q.51 The main advantage of genetic variation in a population is to enhance:

- Ans
- 1. similarity
 - 2. disease susceptibility
 - 3. reproductive speed
 - 4. survival

Q.52 A value is increased by 10% and then increased by 20%. What is the net percentage increase?

Ans 1. 32

2. 30

3. 33

4. 31

Q.53 The Intergovernmental Panel on Climate Change (IPCC), founded in 1988 to address global warming, was established by which two organisations?

Ans 1. World Meteorological Organization (WMO) and United Nations Environment Programme (UNEP)

2. World Bank and International Monetary Fund (IMF)

3. UN Development Programme (UNDP) and UN Framework Convention on Climate Change (UNFCCC)

4. International Energy Agency (IEA) and World Trade Organization (WTO)

Q.54 If x is inversely proportional to y , and $y = 6$ when $x = 4$, find the value of x , when $y = 32$.

Ans 1. $\frac{3}{4}$

2. $\frac{19}{12}$

3. $\frac{8}{23}$

4. $\frac{15}{13}$

Q.55 Select the triad that follows the same pattern as the one followed by the two triads given below. Both triads follow the same pattern.

KH-MI-NP

MJ-OK-PR

Ans 1. PL-QN-RV

2. PL-QM-RV

3. OL-QM-RV

4. OL-QM-RT

Q.56 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. SAI
 2. OFW
 3. IZQ
 4. LCT

Q.57 In August 2025, researchers demonstrated that genetically engineered Escherichia coli (E. coli) bacteria can function as which of the following, directly interfacing with electronics?

- Ans 1. Wireless energy storage units
 2. Bio-fueled medical implants
 3. Self-powered chemical sensors
 4. Microbial fuel cells for electricity generation

Q.58 What should come in place of the question mark (?) in the given series?

4 4 12 60 420 ?

- Ans 1. 3780
 2. 3720
 3. 3740
 4. 3760

Q.59 Which statement is correct about neutrons?

- Ans 1. They have negative charge.
 2. They are heavier than protons.
 3. They have positive charge.
 4. They are neutral.

Q.60 In the following series, only one letter-cluster is incorrect. Select the INCORRECT letter-cluster.

SAI XFN CUM HPX MUC RZH

- Ans 1. CUM
 2. HPQ
 3. RZH
 4. MUC

Q.61 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.

Five people P, Q, R, S and T are sitting in a row, all facing north. Who is sitting second from the left end?

Statements:

I. P is sitting to the immediate right of T. P is sitting to the immediate left of S.

II. Only T is sitting between P and Q.

- Ans
- 1. Data in statement I alone is sufficient to answer the question while data in statement II is not
 - 2. Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question
 - 3. Data in statement II alone is sufficient to answer the question while data in statement I is not
 - 4. Both statements I and II together are NOT sufficient to answer the question

Q.62 What was one of the reasons for including Fundamental Duties in the Constitution according to HR Gokhale?

- Ans
- 1. To address anti-national activities and subversive agitations
 - 2. To create a legal framework for taxes
 - 3. To enhance the rights of citizens
 - 4. To strengthen democracy by balancing rights with duties

Q.63 As per data of 2011-2012 published in Niti Aayog Annual Report 2014-2015, which of the following states has the highest percentage of people below the poverty line?

- Ans
- 1. Chhattisgarh
 - 2. Jharkhand
 - 3. Arunachal Pradesh
 - 4. Bihar

Q.64 Each of P, Q, R, S, T, U and V has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. U has an exam on Saturday. Only four people have an exam between T and S, neither of whom has an exam on Monday. V has an exam immediately after P and Q has an exam immediately before P. S has an exam after V. How many people have exams after T?

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

Q.65 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:

No nail is a cutter.

All cutters are knives.

No cutter is a scissor.

Conclusions:

(I) No scissor is a knife.

(II) Some nails are knives.

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

Q.66 The number 699138 is divisible by:

- Ans**
- 1. 102
 - 2. 117
 - 3. 108
 - 4. 99

Q.67 In August 2025, which of the following organisations released the Framework for Responsible and Ethical Enablement of Artificial Intelligence (FREE-AI) Committee Report, outlining 7 guiding principles for responsible AI use in the financial sector?

- Ans**
- 1. Reserve Bank of India (RBI)
 - 2. Ministry of Finance
 - 3. NITI Aayog
 - 4. Securities and Exchange Board of India (SEBI)

Q.68 Which of the following ratios is greatest?

- Ans**
- 1. 38 : 51
 - 2. 22 : 61
 - 3. 30 : 74
 - 4. 43 : 76
-

Q.69 If you have three variables—X, Y and Z—and want to display X vs Y and represent Z through marker size on a chart, which chart type is most appropriate in MS Excel?

- Ans
- 1. Scatter Chart
 - 2. Area Chart
 - 3. Bubble Chart
 - 4. Line Chart

Q.70 Find the value of the following expression.

$$\frac{3}{2} + \left(\frac{1}{1 + \frac{3}{7}} \right) - \frac{3}{5}$$

- Ans
- 1. $\frac{6}{5}$
 - 2. $\frac{8}{5}$
 - 3. $\frac{18}{11}$
 - 4. $\frac{3}{2}$

Q.71 The ratio of the cost prices of articles X and Y is 2 : 3. A man earns a profit of 43% by selling X and loses 12% by selling Y. What is his gain/loss percentage in the entire transaction?

- Ans
- 1. Gain, 10%
 - 2. Loss, 10%
 - 3. Gain, 9.5%
 - 4. Loss, 11.5%

Q.72 LMNO is a cyclic quadrilateral such that $\angle M = 102^\circ$. The tangents at L and N meet at a point P. What is the measure of $\angle LPN$?

- Ans
- 1. 24°
 - 2. 20°
 - 3. 26°
 - 4. 22°

Q.73 India shares its land boundaries with seven countries. Which of the following does NOT share a direct land boundary with India?

- Ans
- 1. Pakistan
 - 2. Myanmar
 - 3. Tajikistan
 - 4. Bhutan

Q.74 Each of A, B, C, D, E, F, and G has an exam on a different day of a week starting from Monday and ending on Sunday of the same week. A has an exam on Tuesday. Exactly three people have exams between A and D. F's exam is immediately after G's exam. Only one person has an exam between B and F. C has an exam before both B and E. E does not have an exam on Saturday or Sunday. How many people have exams after C?

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

Q.75 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$50 - 8 + 2 \div 6 \times 4 = ?$$

- Ans
- 1. 55
 - 2. 57
 - 3. 56
 - 4. 54

Q.76 Which Governor-General of India introduced the Subsidiary Alliance System, compelling Indian rulers to host a British force and pay for its maintenance?

- Ans
- 1. Lord Hastings
 - 2. Lord Wellesley
 - 3. Lord Dalhousie
 - 4. Lord Cornwallis

Q.77 As per Zoological Survey of India's 'Animal Discoveries - New Species and New Records 2023', which species is recognised as the largest existing bovine in India?

- Ans
- 1. Gaur
 - 2. Nilgai
 - 3. Wild water buffalo
 - 4. Yak

Q.78 India is divided into _____ agroclimatic regions.

- Ans
- 1. 15
 - 2. 14
 - 3. 11
 - 4. 12

Q.79 A concave lens has a focal length of 20 cm. An object is placed in front of the lens such that it forms a virtual image at 10 cm from the lens on the same side as the object. What is the magnification that the lens produces?

- Ans
- 1. Magnification = 0.66
 - 2. Magnification = 0.33
 - 3. Magnification = 0.5
 - 4. Magnification = 0.75

Q.80 In which country is the Inuvik port located, which is the gateway to Western Arctic?

- Ans
- 1. Canada
 - 2. Sweden
 - 3. Greenland
 - 4. Russia

Q.81 The mean of three numbers is 15. If 2 is added to each of these numbers, what will be the new mean?

- Ans
- 1. 16
 - 2. 17
 - 3. 15
 - 4. 18

Q.82 What should come in place of the question mark (?) in the given series?

9, 25, 57, 105, 169, ?

- Ans
- 1. 250
 - 2. 249
 - 3. 247
 - 4. 248

Q.83 A 40 kg object is moved horizontally from point A to point B on a table. What is the work done by gravity during this movement?

- Ans
- 1. 10 J
 - 2. 0 J
 - 3. 98 J
 - 4. 400 J

Q.84 Simplify the following.

$$\frac{4^3 \times 4^4 \times 2^4}{4^2 \times 8}$$

- Ans
- 1. 2039
 - 2. 2055
 - 3. 2043
 - 4. 2048

Q.85 In Slide Show, which option ensures that only a specific set of slides is played during an MS PowerPoint 2019 presentation without creating a new file?

- Ans
- 1. Show slides: From – To range
 - 2. Browsed at a kiosk
 - 3. Use Custom Slide Show
 - 4. Loop continuously until Esc

Q.86 Which of the following regions did the Shakas (Scythians) migrate from before entering India?

- Ans
- 1. Western Europe
 - 2. Southeast Asia
 - 3. North Africa
 - 4. Central Asia

Q.87 Which of the following courts deals with civil cases of small pecuniary stake in India?

- Ans
- 1. Court of Munsiff
 - 2. Sessions Court
 - 3. Court of Subordinate Judge
 - 4. Chief Judicial Magistrate

Q.88 An object of mass 8 kg is placed 7 meters above the ground. What is the energy it possesses? (Take $g=10 \text{ m/s}^2$)

- Ans
- 1. 56 J
 - 2. 224 J
 - 3. 560 J
 - 4. 80 J

Q.89 On which of the following dates was the first session of the Rajya Sabha held?

- Ans
- 1. 13 May 1952
 - 2. 26 November 1952
 - 3. 26 November 1951
 - 4. 3 April 1950

Q.90 In a certain code, 'dogs bark loud' is coded as 'xl mn vc', 'cats and dogs' is coded as 'rs tp xl', and 'bark and play' is coded as 'mn rs wz'. What is the code for 'cats' in that code? (All codes are two-letter codes.)

- Ans
- 1. mn
 - 2. xl
 - 3. rs
 - 4. tp

Q.91 What is the average of 6, 8, 10 and 12?

- Ans
- 1. 9
 - 2. 8
 - 3. 7
 - 4. 10

Q.92 The radius of a right circular cone is 8 cm and its height is 15 cm. The total surface area of the cone is:

- Ans
- 1. 184π cm²
 - 2. 200π cm²
 - 3. 136π cm²
 - 4. 64π cm²

Q.93 Simplify: $\left(\frac{4}{2}\right)x^2 + 4x - \frac{2}{2} + \left(\frac{4}{2}\right)x^2 - 7x + \frac{6}{2}$

- Ans
- 1. $4x^2 + (-3)x + (2)$
 - 2. $-4x^2 - (-3)x - (2)$
 - 3. $4x^2 + (-3)x - (2)$
 - 4. $-4x^2 - (-3)x + (2)$

Q.94 What is the remainder when the smallest positive number that leaves a remainder of 5 upon division by each of 12, 15 and 20 is divided by 4?

- Ans
- 1. 3
 - 2. 2
 - 3. 0
 - 4. 1

Q.95 Ajit starts from point A and drives 8 km towards east. He then takes a right turn and drives 17 km. He takes a final left turn and drives 10 km and stops at point B. Vishal starts from point P, which is 13 km east of point A, and drives 6 km towards east. He then takes a right turn and drives 17 km. He takes a final left turn and drives 1 km and stops at point Q. What is the shortest distance between point Q and point B? (All turns are 90-degree turns only.)

Ans 1. 4 km

2. 1 km

3. 2 km

4. 3 km

Q.96 A student adds dilute HCl to Calcium carbonate. Which of the following experimental observations confirms that a gas is evolved?

Ans 1. Pungent smell observed

2. Effervescence is seen

3. Solution turns pink

4. Formation of white ppt

Q.97 A shopkeeper lists the price of a fan at 50% above its cost price and offers a 10% discount on its list price. If he earns a profit of ₹56, then what is the list price (in ₹) of the fan?

Ans 1. 324

2. 240

3. 493

4. 260

Q.98 In the following series, only one letter-cluster is incorrect. Select the INCORRECT letter-cluster.

DVN ASP XPH UME RJB OGY

Ans 1. ASP

2. XPH

3. RJB

4. UME

Q.99 Eight people are sitting in two parallel rows containing 4 people each in such a way that there is equal distance between adjacent persons.

In row 1, A, D, G and F are seated and all of them are facing south.

In row 2, P, R, N and Z are seated and all of them are facing north.

Thus, each person faces another person from the other row.

Z sits third to the left of R. The one facing F is an immediate neighbour of R. A sits at some place to the right of F and is not facing P. D sits third to the right of G. Who amongst the following faces N?

Ans 1. A

2. G

3. Z

4. P

Q.100 J, K, L, M, P and Q each scored different marks. Only two people have scored between P and K. Only one person has scored more than M. Only three people have scored between M and P. Q has scored more than L but less than J. How many people have scored less than L?

Ans 1. Three

2. One

3. Two

4. Four

Q.101 Which of the following statements is INCORRECT about the Kumbh Mela?

Ans 1. The Kumbh Mela is held in Ujjain on the banks of Narmada.

2. The Kumbh Mela is held in Nasik on the banks of Godavari.

3. The Kumbh Mela is held in Prayagraj on the banks of the Ganges.

4. The Kumbh Mela is held in Haridwar on the banks of the Ganges.

Q.102 A, B, C, D, E, F, G and H are sitting around a square table facing the centre of the table. Some of them are sitting at the corners while some are sitting at the exact centre of the sides. E sits third to the left of B. E does not sit at the centre of any side. F sits second to the right of B. G is the immediate neighbour of D and B. H sits to the immediate left of F. C does not sit in a corner. How many people sit between D and A when counted from the left of D?

Ans 1. One

2. Five

3. Two

4. Four

Q.103 During the reign of which emperor was the Hawa Mahal built in Jaipur?

- Ans
- 1. Rana Pratap Singh
 - 2. Chandra Gupta Maurya
 - 3. Sawai Pratap Singh
 - 4. Ashoka

Q.104 The simple interest on a certain sum of money at 8% per annum for 3 years is ₹360 more than the simple interest on the same sum at 6% per annum for 3 years. Find the principal.

- Ans
- 1. ₹7,200
 - 2. ₹4,800
 - 3. ₹3,600
 - 4. ₹6,000

Q.105 If 'A' stands for '+', 'B' stands for '-', 'C' stands for 'x' and 'D' stands for '÷', what will come in place of the question mark (?) in the following equation?

$$8 C 7 B 24 D 8 A 5 = ?$$

- Ans
- 1. 56
 - 2. 58
 - 3. 57
 - 4. 59

Q.106 A, B, C, D, E and F have different heights. E is taller than exactly 4 people and F is shorter than exactly 4 people. D is shorter than A but taller than C. C is not the shortest. How many people are shorter than C?

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

Q.107 What does Article 51A(b) emphasise?

- Ans
- 1. Upholding and protecting the sovereignty of India
 - 2. Cherishing and following the noble ideals that inspired the national struggle for freedom
 - 3. Promoting national integration and unity
 - 4. Safeguarding public property

Q.108 Rash Behari Ghosh, a leader inclined towards the Moderate wing of the Indian National Congress, presided over which two Congress sessions?

- Ans
- 1. Lahore (1909) and Calcutta (1911)
 - 2. Surat (1907) and Madras (1908)
 - 3. Bombay (1885) and Madras (1887)
 - 4. Calcutta (1906) and Surat (1907)

Q.109 The ages of P and Q are in the ratio 5 : 9. If P's age is 25 years, then Q is how many years older than P?

- Ans
- 1. 10 years
 - 2. 25 years
 - 3. 20 years
 - 4. 15 years

Q.110 The total surface area of a solid hemisphere is 155 cm^2 . Its radius (in cm) is _____. (Take $\pi = \frac{22}{7}$)

- Ans
- 1. $\sqrt{\frac{1090}{66}}$
 - 2. $\sqrt{\frac{1094}{66}}$
 - 3. $\sqrt{\frac{1077}{132}}$
 - 4. $\sqrt{\frac{1085}{66}}$

Q.111 The amount (in ₹) payable after 1 year on a principal of ₹10,000 at 6% per annum compounded half-yearly is:

- Ans
- 1. 10,906
 - 2. 10,605
 - 3. 10,609
 - 4. 10,600

Q.112 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 select the most appropriate answer.

Question:

Six friends, B, C, D, E, F and G, are sitting in a straight line, facing north. Who among them is sitting at the extreme right end?

Statements:

(I) There are exactly four people sitting between B and E. G sits to the immediate right of E.

(II) F is an immediate neighbour of C. Exactly two people sit between B and C.

- Ans
- ✓ 1. Data in statement I alone is sufficient to answer the question, while data in statement II is not.
 - ✗ 2. Data in statements I and II together are sufficient to answer the question.
 - ✗ 3. Data in statements I and II together are not sufficient to answer the question.
 - ✗ 4. Data in statement II alone is sufficient to answer the question, while data in statement I is not.

Q.113 Which HTTP status code indicates that a requested web page has been permanently moved to a new location?

- Ans
- ✓ 1. 301
 - ✗ 2. 302
 - ✗ 3. 404
 - ✗ 4. 500

Q.114 Global Tiger Day, also known as International Tiger Day, is observed every year on which day?

- Ans
- ✗ 1. 15 July
 - ✗ 2. 25 July
 - ✓ 3. 29 July
 - ✗ 4. 30 July

Q.115 In this question, a statement is given followed by two courses of action, numbered I and II. You must assume everything in the statement to be true, and on the basis of the information given in the statement, decide which of the given courses of action logically follow(s) for pursuing.

Statement:

Many students in rural schools fail to clear the basic reading and writing tests due to lack of trained teachers and poor infrastructure.

Courses of Action:

I. Immediate recruitment and training of teachers should be carried out in rural areas.

II. All students failing the tests should be expelled from schools to maintain quality.

- Ans
- ✗ 1. Neither I nor II follows
 - ✗ 2. Only II follows
 - ✗ 3. Both I and II follow
 - ✓ 4. Only I follows

Q.116 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 wife of B'

A ÷ B means 'A is the father of B'

Which of the following means that S is daughter of P?

- Ans
- ✓ 1. $P \times Q \div R - S + T$
 - ✗ 2. $P \times Q + R - S \div T$
 - ✗ 3. $P \times Q \div R + S - T$
 - ✗ 4. $P - Q \div R \times S + T$

Q.11 A person covers certain distance in 13 hours at a speed of 3 km/hr and some more distance in 15 hours at a speed of 6 km/hr.

7 Find his average speed for the entire distance covered.

- Ans
- ✗ 1. $5\frac{17}{28}$ km/hr
 - ✗ 2. $11\frac{17}{28}$ km/hr
 - ✓ 3. $4\frac{17}{28}$ km/hr
 - ✗ 4. $8\frac{17}{28}$ km/hr

Q.118 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$60 + 15 \div 3 - 10 \times 2 = ?$$

Ans 1. 20

2. 21

3. 19

4. 22

Q.119 Which of the following Directive Principles of State Policy is based on the Gandhian principles?

Ans 1. To organise village panchayat

2. To secure equal pay for equal for men and women

3. To promote international peace

4. To secure the right to adequate means of livelihood

Q.120 The value of $4^2 + \sqrt{6^2} - 5\sqrt{9} - 11$ is

Ans 1. -9

2. 3

3. -2

4. -4