

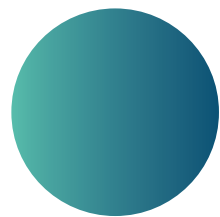


LearnFrenzy

RRB NTPC CBT-2 (Graduate Level)

Previous Year Paper 2024

(Held on 2025)





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.

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

Section : RRB NTPC Graduate Level II

Q.1 Which country will host the 2034 FIFA World Cup?

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

Q.2 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. ₹141
- ☐ 3. ₹131
- ☐ 4. ₹241

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

Q.4 Infant mortality rate is the number of infants per thousand who die before reaching _____ year(s) of age.

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

Q.5	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. RX – MS ✔ 2. NR – GL ✖ 3. MF – HA ✖ 4. IO – DJ
Q.6	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. Pipariya village, Madhya Pradesh ✖ 2. Khargone village, Maharashtra ✔ 3. Waddhamna village, Nagpur district, Maharashtra ✖ 4. Dharampur village, Gujarat
Q.7	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. bn ✔ 2. dv ✖ 3. rt ✖ 4. pj
Q.8	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. 89% ✖ 3. 95% ✖ 4. 94%
Q.9	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. NSS ✖ 2. LPQ ✖ 3. XBC ✖ 4. SWX
Q.10	Which of the following Articles of the Indian Constitution automatically suspends the Fundamental Rights during emergencies?
Ans	✖ 1. 359 ✖ 2. 356 ✖ 3. 352 ✔ 4. 358

Q.11 The number 977340 is divisible by:

- Ans** ☒ 1. 35
☐ 2. 24
☐ 3. 37
☐ 4. 34

Q.12 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. Only conclusion (I) follows
☐ 3. Only conclusion (II) follows
☐ 4. Both conclusions (I) and (II) follow

Q.13 The 'Chennai Port' is located along which of the following water bodies?

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

Q.14 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. 75
☐ 2. 73
☐ 3. 77
☒ 4. 74

Q.15 Who among the following is credited with the composition of a text called 'Gatha Saptasati' or 'Saptasati'?

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

Q.16 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. Gain, 3.5%
☐ 2. Loss, 3%
☒ 3. Loss, 3.5%
☐ 4. Gain, 5%

Q.17 Evaluate the following.

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

- Ans
- ☒ 1. $\frac{18}{19}$
 - ☒ 2. $\frac{28}{3}$
 - ☒ 3. $\frac{11}{8}$
 - ☒ 4. $\frac{19}{12}$

Q.18 Simplify: $0.848 \div 0.8 \times \frac{1}{2} + 0.125 \div \frac{5}{2} \times 0.4$

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

Q.19 On 3 June 2025, India secured the presidency of which international organisation, defeating Austria with 87 out of 141 votes?

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

Q.20 On 3 March 2025, the world observed World Wildlife Day with which theme?

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

Q.21 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. One
 - ☒ 3. Two
 - ☒ 4. More than two

Q.22 Evaluate the following. $\frac{4}{3} + \left(\frac{1}{1 + \frac{2}{7}} \right) - \frac{4}{3}$ Ans ☒ 1. $\frac{7}{9}$ ☐ 2. $\frac{9}{8}$ ☐ 3. $\frac{10}{3}$ ☐ 4. $\frac{3}{13}$
Q.23 In the following series, only one letter-cluster is incorrect. Select the INCORRECT letter-cluster. HQK KNN NKQ QHS TEW WBZ Ans ☐ 1. NKQ ☐ 2. TEW ☒ 3. QHS ☐ 4. WBZ
Q.24 Which of the following is NOT a component of essential maternal care? Ans ☐ 1. Supplementation of iron and folic acid ☐ 2. Tetanus immunisation ☐ 3. Education on breastfeeding practices ☒ 4. Intrauterine insemination (IUI)
Q.25 What should come in place of the question mark (?) in the given series? 7, 25, 61, 115, 187 , ? Ans ☐ 1. 278 ☒ 2. 277 ☐ 3. 276 ☐ 4. 275
Q.26 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. 106 ☒ 3. 99 ☐ 4. 114
Q.27 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. AUGZ ☐ 4. AGZU

Q.28 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. Project SAMBHAV Secure Army Mobile Lab
 - ☐ 2. Bharat Military Technology Incubation Hub
 - ☒ 3. Agnishodh, the Indian Army Research Cell (IARC)
 - ☐ 4. Defence Innovation and Technology Research Centre

Q.29 The sides of a triangle are 70 cm, 56 cm and 42 cm. What is its area? (in cm²)

- Ans**
- ☒ 1. 1176
 - ☐ 2. 1171
 - ☐ 3. 1186
 - ☐ 4. 1211

Q.30 The simplified value of $72 \div \left[\frac{12}{6} \times \{3 + 9 - (5 + 5 - (2 + 5))\} \right]$ is:

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

Q.31 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. 11.5
 - ☐ 2. 10
 - ☐ 3. 12
 - ☐ 4. 13

Q.32 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. 42.42
 - ☐ 3. 42.5
 - ☒ 4. 48.4

Q.33 Which of the following is NOT a direct tax?

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

Q.34 Gharana Parampara is found in which of the following?

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

Q.35 Which of the following zones lies between low and high tide in sea margins?

- Ans**
- ☐ 1. Foreshore
 - ☐ 2. Shoreline
 - ☐ 3. Near-shore
 - ☒ 4. Tidal zone

Q.36 Who among the following was the Prime Minister of India when India launched its Chandrayaan-2 mission?

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

Q.37 In MS Excel 2019, what is the maximum column width that can be set, and what does it represent?

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

Q.38 In a terrestrial ecosystem, green plants capture approximately what percentage of solar energy falling on their leaves?

- Ans**
- ☐ 1. 10%
 - ☒ 2. 1%
 - ☐ 3. 5%
 - ☐ 4. 0.01%

Q.39 What is the percentage of population living in cities referred to as?

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

Q.40 In the context of operating systems, what does PCB stand for?

- Ans**
- ☒ 1. Process Control Block
 - ☐ 2. Printed Circuit Board
 - ☐ 3. Program Control Board
 - ☐ 4. Permanent Code Buffer

Q.41 In August 2025, Spanish tennis star Carlos Alcaraz won his first-ever Cincinnati Open title after which player retired in the final?

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

Q.42 *The value of $6^2 + \sqrt{2^2} - 5\sqrt{25} - 11$ is*

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

Q.43 What should come in place of the question mark (?) in the given series?

2 12 60 240 ? 1440

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

Q.44 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. 11 km
 - ☒ 2. 10 km
 - ☒ 3. 9 km
 - ☒ 4. 8 km

Q.45 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?

25 C 3 B 12 D 4 A 10 = ?

- Ans
- ☒ 1. 83
 - ☒ 2. 81
 - ☒ 3. 82
 - ☒ 4. 80

Q.46 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 Confederation for Food
 - ☒ 2. National Cooperative Consumers' Federation of India
 - ☒ 3. National Cooperative Confederation for Food supplies
 - ☒ 4. National Consumer Cooperative for Food distribution

Q.47 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. Rudra All-Arms Brigades
 - ☒ 3. Vajra Integrated Battle Groups
 - ☒ 4. Sena Combined Operations Brigades

Q.48 In the following series, only one letter-cluster is incorrect. Select the INCORRECT letter-cluster.

FHK IKN LNQ OQT RSW

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

Q.49 Which meristematic tissue is found at nodes and helps in regrowth of grasses?

- Ans**
- ☐ 1. Lateral
 - ☒ 2. Intercalary
 - ☐ 3. Permanent
 - ☐ 4. Apical

Q.50 Which keyboard shortcut allows you to quickly delete the word to the left of the cursor in MS Word 2019?

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

Q.51 In the substitution of methane with chlorine, sunlight is required to:

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

Q.52 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. 80°
 - ☒ 2. 90°
 - ☐ 3. 60°
 - ☐ 4. 70°

Q.53 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. 101
 - ☐ 2. 100
 - ☐ 3. 103
 - ☒ 4. 102

Q.54 Which keyboard shortcut allows you to open the Open dialog box in MS PowerPoint 2019 for selecting a file to open?

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

Q.55 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. 72
 - ☒ 2. 74
 - ☐ 3. 76
 - ☐ 4. 78

Q.56 India's North Central Railway Zone's Headquarter is located in _____.

- Ans**
- ☐ 1. Jabalpur
 - ☒ 2. Prayagraj
 - ☐ 3. Jaipur
 - ☐ 4. Bilaspur

Q.57 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. T
 - ☒ 2. 7
 - ☐ 3. 9
 - ☐ 4. 1

Q.58 Find the number of bricks, each measuring 72 cm × 50 cm × 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. 12496
 - ☐ 2. 12687
 - ☒ 3. 12528
 - ☐ 4. 12727

Q.59 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. One
 - ☐ 3. Two
 - ☐ 4. Three

Q.60 Who among the following was the Chola conqueror of Ganga?

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

Q.61 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. Indian Councils Act
 - ☒ 2. Rowlatt Act
 - ☐ 3. Vernacular Press Act
 - ☐ 4. Arms Act

Q.62 Which of the following ratios is the greatest?

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

Q.63 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. SVWU
 - ☒ 3. SUWV
 - ☒ 4. SWVU

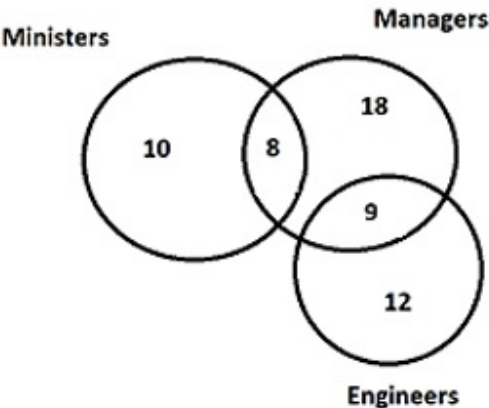
Q.64 The primary force responsible for pulling water upward in tall plants is _____.

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

Q.65 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. 4
 - ☒ 2. 3
 - ☒ 3. 1
 - ☒ 4. 2

Q.66 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. 10
 - ☒ 2. 8
 - ☒ 3. 9
 - ☒ 4. 18

Q.67 What should come in place of the question mark (?) in the given series?

12, 25, 51, 90, 142, ?

- Ans
- ☒ 1. 207
 - ☒ 2. 206
 - ☒ 3. 208
 - ☒ 4. 209

Q.68 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.69 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. $P \times Q \div R - S \times T$
 - ☐ 2. $P \div Q \times R \div S + T$
 - ☒ 3. $P \div Q \times R - S + T$
 - ☐ 4. $P \div Q - R \times S - T$

Q.70 In the following series, only one letter-cluster is incorrect. Select the INCORRECT letter-cluster.

JFB RNJ ZVR HDZ PLK XTP

- Ans**
- ☐ 1. HDZ
 - ☐ 2. ZVR
 - ☒ 3. PLK
 - ☐ 4. RNJ

Q.71 The name given by Wegener to a huge water body that surrounded Pangaea is:

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

Q.72 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. 5%
 - ☐ 2. 6.2%
 - ☐ 3. 7%
 - ☒ 4. 5.8%

Q.73 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. KO-NR
 - ☐ 2. MQ-PT
 - ☐ 3. AE-DH
 - ☒ 4. GK-IP

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. 7.9
 - ☐ 2. 12.7
 - ☐ 3. 9.5
 - ☒ 4. 11.4

Q.75 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.76 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. ₹1,070
 - ☐ 2. ₹1,050
 - ☐ 3. ₹1,060
 - ☐ 4. ₹1,040

Q.77 The average of five consecutive integers is 12. What is the largest of these integers?

- Ans**
- ☐ 1. 13
 - ☐ 2. 16
 - ☐ 3. 11
 - ☒ 4. 14

Q.78 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?

- Ans**
- ☐ 1. $26\frac{1}{13}\%$ decrease
 - ☐ 2. $22\frac{1}{9}\%$ increase
 - ☐ 3. $9\frac{1}{11}\%$ increase
 - ☒ 4. $14\frac{2}{7}\%$ decrease

Q.79 Which country is known for its unique 'Dragon King' monarchy?

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

Q.80 What does the number of compressions or rarefactions passing a point per unit time represent in a sound wave?

- Ans**
- ☐ 1. Wavelength
 - ☒ 2. Frequency
 - ☐ 3. Amplitude
 - ☐ 4. Loudness

Q.81 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?

- Ans**
- ☒ 1. $520\frac{5}{6}$
 - ☒ 2. $520\frac{1}{6}$
 - ☒ 3. $1041\frac{1}{3}$
 - ☒ 4. $1041\frac{2}{3}$

Q.82 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. FOGS - SGFO - OGFS
 - ☒ 2. PACE - PCAE - ECAP
 - ☒ 3. TRAY - RATY - RAYT
 - ☒ 4. OILS - SLOI - OLIS

Q.83 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. 21
 - ☒ 2. 42
 - ☒ 3. 84
 - ☒ 4. 63

Q.84 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. Only 1 and 2
 - ☒ 2. Only 1, 2 and 3
 - ☒ 3. All 1, 2, 3 and 4
 - ☒ 4. Only 2 and 3

Q.85 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. 17, 103
 - ☒ 2. 17, 104
 - ☒ 3. 18, 103
 - ☒ 4. 18, 104

Q.86 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. 20 km
 - ☒ 4. 22 km

Q.87 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 II follows
 - ☒ 2. Neither I nor II follows
 - ☒ 3. Only I follows
 - ☒ 4. Both I and II follow

Q.88 Which of the following Articles deals with the composition of the panchayats?

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

Q.89 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. U
 - ☒ 2. D
 - ☒ 3. A
 - ☒ 4. W

Q.90 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. 57
 - ☒ 2. 55
 - ☒ 3. 56
 - ☒ 4. 58

Q.91 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. $\sin i \div \sin r = \text{constant}$
 - ☐ 2. $\sin i \times \sin r = \text{constant}$
 - ☐ 3. $\sin i + \sin r = \text{constant}$
 - ☐ 4. $\sin i - \sin r = \text{constant}$

Q.92 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/html; charset=ASCII
 - ☒ 2. text/plain; charset=UTF-8
 - ☐ 3. multipart/mixed
 - ☐ 4. application/octet-stream

Q.93 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. 4
 - ☐ 2. 1
 - ☒ 3. 3
 - ☐ 4. 2

Q.94 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. G
 - ☐ 2. %
 - ☐ 3. @
 - ☒ 4. W

Q.95 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. xp
 - ☐ 2. vr
 - ☒ 3. zk
 - ☐ 4. mk

Q.96 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.97 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. ₹25
 - ☐ 3. ₹20
 - ☒ 4. ₹40

Q.98 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 III  2. Only II  3. Only I and III  4. I, II and III
Q.99 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. $\frac{83}{98}$  4. $\frac{54}{73}$
Q.100 In 1878, dissatisfied followers of Keshab Chandra Sen established the Sadharan Brahmo Samaj. Who among the following were its founders? Ans  1. Sib Chandra Deb, Rabindranath Tagore and Surendranath Banerjee  2. Ishwar Chandra Vidyasagar, Ananda Mohan Bose and Bankim Chandra Chatterjee  3. Raja Ram Mohan Roy, Debendranath Tagore and Keshab Chandra Sen  4. Ananda Mohan Bose, Sib Chandra Deb and Umesh Chandra Dutta
Q.101 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. 2 : 3  2. 6 : 5  3. 3 : 5  4. 1 : 3
Q.102 Life expectancy is an indicator of which of the following? Ans  1. Human Development Report  2. Technology and Innovation Report  3. Commodities and Development Report  4. World Employment Report
Q.103 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. Bhangra  2. Bihu  3. Koli  4. Dandiya

Q.104 Why does evaporation cause cooling?

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

Q.105 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. ₹79,000
 - ☒ 2. ₹81,000
 - ☐ 3. ₹78,000
 - ☐ 4. ₹80,000

Q.106 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. 4
 - ☐ 2. 2
 - ☐ 3. 3
 - ☒ 4. 1

Q.107 What happens to the speed of sound in a medium when its temperature increases?

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

Q.108 The reservation of seats for women in Panchayati Raj institutions is provided by which of the following Constitutional amendments?

- Ans
- ☐ 1. 75th Amendment
 - ☐ 2. 74th Amendment
 - ☒ 3. 73rd Amendment
 - ☐ 4. 70th Amendment

Q.109 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 statements I and II together are NOT sufficient to answer the question
 - ☐ 2. Data in statement II alone is sufficient to answer the question while data in statement I is not
 - ☐ 3. Data in statement I alone is sufficient to answer the question while data in statement II is not
 - ☐ 4. Data in statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question

Q.110 Which of the following numbers is divisible by 39?

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

Q.111 Which statement about lyophilic sols is correct?

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

Q.112 If the ratio of two numbers is 5 : 4 and their HCF is 5, find their LCM.

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

Q.113 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. Green Economy
 - ☐ 2. Inclusive Growth
 - ☒ 3. Sustainable Development
 - ☐ 4. Ecological Modernisation

Q.114 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. Tea plantation workers in Assam
 - ☐ 4. Peasant tenants in Awadh

Q.115 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. $13\frac{271}{287}$ km/hr
 - ☐ 2. $3\frac{271}{287}$ km/hr
 - ☒ 3. $7\frac{271}{287}$ km/hr
 - ☐ 4. $5\frac{271}{287}$ km/hr

Q.116 Who was appointed as the president and chief executive officer of BMW Group India as of September 2025?

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

Q.117 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. 4:00 p.m.
 - ☐ 2. 12: 00 p.m.
 - ☒ 3. 1:00 p.m.
 - ☐ 4. 2:00 p.m.

Q.118 Find the simplified value of $7 - 8 \times 11 - 8 \times 13 - 8$.

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

Q.119 The simple interest (in ₹) on ₹5,000 at 5% per annum for 2 years is:

- Ans
- ☐ 1. 530
 - ☒ 2. 500
 - ☐ 3. 600
 - ☐ 4. 580

Q.120 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 26.49%
 - ☐ 2. Decreases by 30.57%
 - ☐ 3. Increases by 21.55%
 - ☐ 4. Increases by 25.16%