Test Date	06/06/2025
Test Time	4:30 PM - 6:00 PM
Subject	RRB NTPC Graduate Level I

* Note
Correct Answer will carry 1 mark per Question.
Incorrect Answer will carry 1/3 Negative mark per Question.

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

Section : RRB NTPC Graduate Level I

Q.1 How do you add text to a slide in MS PowerPoint?

Ans ✗ 1. Use the Transitions tab

✔ 2. Click inside a text placeholder and start typing

✗ 3. Press Ctrl + T

✗ 4. Drag an image onto the slide

Q.2 Who won the Sahitya Akademi Award 2024 for Dogri literature for the book 'Ik Hor Ashwthama'?

Ans ✗ 1. Padma Sachdev

✔ 2. Chaman Arora

✗ 3. Mohan Singh

✗ 4. Ved Rahi

Q.3 If '−' means '÷', '÷' means '×', '×' means '+' and '+' means '−', then what will come in place of the question mark (?) in the following equation?

9 ÷ 12 × 450 + 8208 − 18 = ?

Ans ✗ 1. 100

✗ 2. 101

✔ 3. 102

✗ 4. 425

Q.4 What was the labour force participation rate for males in India as reported in the 6th Annual Employment-Unemployment Survey conducted by the Labour Bureau?

Ans ✔ 1. 76.4%

✗ 2. 80.2%

✗ 3. 70.1%

✗ 4. 85.4%

Q.5 In a 2295 m circular race, Siddharth finishes one round in 85 seconds and Yash finishes one round in 45 seconds. How many different meeting points are there on the circumference if they are running in the opposite directions?

Ans ✗ 1. 36

✗ 2. 20

✔ 3. 26

✗ 4. 33

Q.6 In which year was the Partition of Bengal, initially implemented by the British in 1905, officially annulled?

Ans
✖ 1. 1910

✖ 2. 1916

✔ 3. 1911

✖ 4. 1909

Q.7 The ratio of the age of a son after 15 years and the present age of his father is 2 : 3. 5 years ago, the age of the father was 4 times the age of the son. The present ages (in years) of the father and the son, respectively, are:

Ans
✔ 1. 45; 15

✖ 2. 40; 10

✖ 3. 32; 8

✖ 4. 50; 20

Q.8 Select the pair that follows the same pattern as that followed by the two sets of pairs given below. Both pairs follow the same pattern.

JAY : MDB
PAN : SDQ

Ans
✖ 1. HEN : KHJ

✖ 2. RIC : ULZ

✖ 3. KUT : HRW

✔ 4. UPC : XSF

Q.9 In September 2024, the Uniform Code of Pharmaceutical Marketing Practices (UCPMP) 2024 extended its guidelines to which of the following sectors?

Ans
✔ 1. Medical device manufacturers

✖ 2. Ayurvedic medicines

✖ 3. Veterinary pharmaceuticals

✖ 4. Online health consultations

Q.10 Manoj starts from Point A and drives 13 km towards west. He then takes a right turn, drives 2 km, turns right and drives 7 km. He then takes a left turn and drives 5 km. He takes a final right turn, drives 6 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again (all turns are 90° turns only unless specified)?

Ans
✖ 1. 5 km; South

✖ 2. 9 km; South

✔ 3. 7 km; South

✖ 4. 6 km; South

Q.11 What is the total full-time strength of personnels in the National Human Rights Commission, India?

Ans
✖ 1. Chairperson and three members

✖ 2. Chairperson and seven members

✖ 3. Chairperson and four members

✔ 4. Chairperson and five members

Q.12 What is the significance of Westerly Jet Streams in winter?

Ans
✔ 1. Guide Western Disturbances into India

✖ 2. Cause retreat of monsoon

✖ 3. Bring snowfall to Eastern Ghats

✖ 4. Influence rainfall in Tamil Nadu

Q.13 The Eastern Coastal Plains of India are best described as which type of coast?

Ans ✗ 1. Rocky coast

✗ 2. Folded coast

✗ 3. Submerged coast

✓ 4. Emergent coast

Q.14 If 9.8 : 14.7 :: 15 : x, find the value of x.

Ans ✗ 1. 19.9

✗ 2. 23.2

✓ 3. 22.5

✗ 4. 21.7

Q.15 Who among the following wrote the book 'Power within: The leadership legacy of Narendra Modi'?

Ans ✓ 1. Dr. R Balasubramaniam

✗ 2. Dr. KS Chauhan

✗ 3. Dr. S Jaishankar

✗ 4. Dr. Aishwarya Pandit

Q.16 While covering a distance of 35 km, a man noticed that after cycling for 4 hour 15 minutes, the distance covered by him was $\frac{4}{3}$ of the remaining distance.

What was his speed (in km/hr, rounded off to one decimal place)?

Ans ✗ 1. 5.1

✗ 2. 7.9

✗ 3. 8.4

✓ 4. 4.7

Q.17 In April 2025, NITI Aayog released a report titled "Automotive Industry – Powering India's Participation in Global Value Chains". What is the primary objective of this report?

Ans ✗ 1. To compare India's automotive policies with those of neighbouring countries

✓ 2. To propose strategies for enhancing India's role in global automotive value chains

✗ 3. To analyse India's automotive export performance over the past decade

✗ 4. To assess the environmental impact of India's automotive sector

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Q.18 Jharkhand authorities have successfully relocated Jaigir, the first village inside the _____, entirely outside its core area.

Ans ✗ 1. Jim Corbett National Park

✓ 2. Palamu Tiger Reserve

✗ 3. Amangarh Tiger Reserve

✗ 4. Dudhwa Tiger Reserve

Q.19 A, B, C, D, G, H, and I are sitting around a circular table facing the centre.
Only two people sit between D and A when counted from the left of A. H sits third to the left of G. I sits to the immediate right of G. I sits second to the left of D. B is not an immediate neighbor of H.
Who sits third to the right of C?

Ans ✗ 1. D

✗ 2. A

✓ 3. I

✗ 4. H

Q.20 In March 2025, the Indian Parliament passed the Immigration and Foreigners Bill, 2025. Which of the following Acts was specifically repealed by this legislation?

Ans
✗ 1. The Emigration Act, 1983

✗ 2. The Citizenship Act, 1955

✓ 3. The Foreigners Act, 1946

✗ 4. The National Security Act, 1980

Q.21 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 - MQ

✗ 2. EI - DH

✗ 3. RV - QU

✓ 4. XZ - TL

Q.22 Which keyboard shortcut is used to save an MS Excel workbook?

Ans
✗ 1. Ctrl + N

✗ 2. Ctrl + P

✗ 3. Ctrl + O

✓ 4. Ctrl + S

Q.23 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.

(Left) 4 @ 7 4 £ 9 9 # @ 1 4 $ % 4 3 8 2 © © 1 5 # (Right)

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

Ans
✗ 1. 3

✗ 2. 1

✓ 3. 2

✗ 4. 4

Q.24 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 ::?

: AIP :: MRV : %

Ans
✗ 1. # = ELR, % = QUX

✓ 2. # = WFN, % = QUX

✗ 3. # = IOT, % = WFN

✗ 4. # = QUX, % = ELR

Q.25 The Konyak tribe of India is mainly found in which of the following states of India?

Ans
✗ 1. Nagaland and Sikkim

✓ 2. Nagaland and Arunachal Pradesh

✗ 3. Uttar Pradesh and Bihar

✗ 4. Arunachal Pradesh and Uttar Pradesh

Q.26 The curved surface area of a cylinder is half of its total surface area. If the height is 128 cm, then find the radius (in cm).

Ans
✓ 1. 128

✗ 2. 138

✗ 3. 122

✗ 4. 137

Q.27 In a row of 81 students facing north, Sima is 12th from the right end. If Manju is 9th to the left of Sima, what is Manju's position from the left end of the line?

Ans
❌ 1. 52nd

❌ 2. 38th

✅ 3. 61st

❌ 4. 47th

Q.28 Which of the following indicators reflects inequality in the distribution of income among individuals in a population?

Ans
✅ 1. Lorenz Curve

❌ 2. Dependency Ratio

❌ 3. Consumer Price Index

❌ 4. Labour Force Participation Rate

Q.29 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

KIO LJP MKQ NLR ?

Ans
❌ 1. ONR

✅ 2. OMS

❌ 3. ONS

❌ 4. OMR

Q.30 Pravenesh starts from point A and drives 12 km towards the south. He then takes a right turn, drives 7 km, turns right and drives 14 km. He then takes a right turn and drives 10 km. He takes a final right turn, drives 2 km and stops at point P. How far (shortest distance) and towards which direction should he drive in order to reach point A again? (All turns are 90 degree turns only unless specified.)

Ans
❌ 1. 2 km to the east

❌ 2. 4 km to the east

❌ 3. 3 km to the east

✅ 4. 3 km to the west

Q.31 Who has been appointed as a Principal Secretary-2 to PM Narendra Modi in February 2025?

Ans
❌ 1. Manish Singhal

❌ 2. Rajiv Gauba

❌ 3. Ajay Kumar

✅ 4. Shaktikanta Das

Q.32 The power to issue writs for enforcement of Fundamental Rights is vested in the Supreme Court under which Article of the Indian Constitution?

Ans
❌ 1. Article 136

❌ 2. Article 143

✅ 3. Article 32

❌ 4. Article 131

Q.33 Mihira Bhoja, a famous ruler of the Pratiharas, adopted which title?

Ans
❌ 1. Adityavardhana

❌ 2. Vikramaditya

✅ 3. Adivaraha

❌ 4. Parmeshwara

Q.34 In April 2025, which of the following footballers became the first to reach 900 professional career goals including club and country?

Ans
✗ 1. Lionel Messi

✗ 2. Kylian Mbappé

✓ 3. Cristiano Ronaldo

✗ 4. Robert Lewandowski

Q.35 Which of the following elements, when poorly implemented, is most likely to undermine the credibility and impact of an otherwise well-researched MS PowerPoint presentation?

Ans
✗ 1. The inclusion of speaker notes for reference

✓ 2. Inconsistent use of slide masters and templates

✗ 3. Embedding multimedia elements such as videos

✗ 4. The choice of transition effects between slides

Q.36 According to Global Debt Report 2025, what was the share of central bank holdings of domestic sovereign bonds in OECD countries in 2024?

Ans
✗ 1. 35%

✓ 2. 19%

✗ 3. 25%

✗ 4. 42%

Q.37 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 :: ?

 # : EKN :: RVN : %

Ans
✓ 1. # = DHL, % = SYP

✗ 2. # = DMK, % = SZQ

✗ 3. # = CIK, % = PYR

✗ 4. # = CML, % = PZT

Q.38 What is the name of the Medium Altitude Long Endurance (MALE) drone discussed at the Drone Industry Conclave 2025?

Ans
✗ 1. VARUNA

✗ 2. NISAR

✗ 3. RUSTOM

✓ 4. TAPAS

Q.39 The Poligars rebelled against the British in which Presidency, when the British tried to snatch away their military and land rights?

Ans
✗ 1. Bengal Presidency

✗ 2. Agra Presidency

✓ 3. Madras Presidency

✗ 4. Bombay Presidency

Q.40 At what rate of interest (in percentage) per year will a sum of money double itself in 4 years on simple interest?

Ans
✓ 1. 25%

✗ 2. 50%

✗ 3. 27%

✗ 4. 23%

Q.41 What was the budget allocation for the Ministry of Rural Development for the fiscal year 2023-24?

Ans ✗ 1. ₹1,75,000 crore

✗ 2. ₹1,29,000 crore

✓ 3. ₹1,59,964 crore

✗ 4. ₹1,50,000 crore

Q.42 P, Q, R, S, T, U and V are sitting around a circular table facing the centre. Both Q and V are immediate neighbours of S. V sits third to the left of T. R sits to the immediate left of T. U is not an immediate neighbour of V. How many people sit between S and U when counted from the right of S?

Ans ✗ 1. 1

✗ 2. 2

✓ 3. 4

✗ 4. 3

Q.43 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statements.

Statements:
All warriors are politicians.
All leaders are knights.
Some knights are warriors.

Conclusions:
(I) Some warriors are leaders.
(II) Some politicians are knights.

Ans ✓ 1. Only conclusion (II) follows.

✗ 2. Only conclusion (I) follows.

✗ 3. Both conclusions (I) and (II) follow.

✗ 4. Neither conclusion (I) nor (II) follows.

Q.44 Which functional groups in amino acids are directly involved in forming peptide bonds?

Ans ✓ 1. Carboxyl and amino groups

✗ 2. Hydroxyl and sulfhydryl groups

✗ 3. Carbonyl and phosphate groups

✗ 4. Methyl and acetyl groups

Q.45 Which of the following numbers is divisible by 71?

Ans ✓ 1. 5609

✗ 2. 6121

✗ 3. 6010

✗ 4. 5603

Q.46 One pipe can fill the tank in 9 minutes while another pipe can empty completely filled tank in 90 minutes. If both the pipes are operated together on empty tank, how long (in minutes) will it take to fill the tank completely?

Ans ✗ 1. 13

✗ 2. 11

✗ 3. 12

✓ 4. 10

Q.47 The mode and median of data are 36.3 and 62, respectively. What is the mean of the data?
(Use the empirical formula)

Ans ✔ 1. 74.85

✘ 2. 76.15

✘ 3. 79.75

✘ 4. 68.95

Q.48 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only. All numbers are single-digit numbers.

(Left) @ 5 4 £ 8 & © £ * 2 5 9 $ 6 £ 4 * 8 $ 4 % * (Right)

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

Ans ✘ 1. 4

✘ 2. 7

✔ 3. 5

✘ 4. 6

Q.49 Pipe A can fill a tank in 9 minutes, while pipe B can empty the completely filled tank in 10 minutes. Initially, pipe A is opened and after 3 minutes pipe B is also opened. In how much time (in minutes) will the remaining tank be filled completely?

Ans ✘ 1. 47

✔ 2. 60

✘ 3. 73

✘ 4. 61

Q.50 In △ABC, BD ⊥ AC at D and ∠DBC = 22°. E is a point on BC such that ∠CAE = 36°. What is the measure of ∠AEB?

Ans ✘ 1. 103°

✘ 2. 102°

✘ 3. 101°

✔ 4. 104°

Q.51 XC 14 is related to VG 1 in a certain way. In the same way, RD 18 is related to PH 5. To which of the given options is UP 4 related, following the same logic?

Ans ✘ 1. VR -7

✘ 2. NR -7

✔ 3. ST -9

✘ 4. NE -9

Q.52 A river 20 m deep and 36 m wide is flowing at the rate of 2.7 km/hr. The amount of water (in m^3) that runs into the sea per minute is _____.

Ans ✘ 1. 30,024

✔ 2. 32,400

✘ 3. 30,240

✘ 4. 34,200

Q.53 According to the 6th Annual Employment-Unemployment Survey conducted by the Labour Bureau, which age group had the highest participation in the labour force in India?

Ans ✔ 1. 25-29

✘ 2. 15-18

✘ 3. 30 years and above

✘ 4. 18-24

Q.54 When x is added to each of 20, 34, 11 and 16, then the numbers so obtained, in this order, are in proportion. Then, if 3x : y :: y : (2x-6), and y > 0, what is the value of y?

Ans ✗ 1. 29

✗ 2. 10

✔ 3. 18

✗ 4. 2

Q.55 Sum and product of all roots of $4x^3 - 8x^2 - 13x + 19 = 0$ is:

Ans ✗ 1. $4, \dfrac{-19}{2}$

✗ 2. $1, \dfrac{-17}{4}$

✗ 3. $3, \dfrac{-17}{2}$

✔ 4. $2, \dfrac{-19}{4}$

Q.56 Seven boxes, A, B, C, D, E, F and G, are kept one over the other but not necessarily in the same order. C is kept immediately above F. G is kept immediately above B. Only E is kept above D. Only two boxes are kept above C. G is not kept in third position from the bottom. How many boxes are kept above G?

Ans ✗ 1. 4

✔ 2. 5

✗ 3. 3

✗ 4. 2

Q.57 Lok Adalat proceedings are _____.

Ans ✗ 1. investigative

✗ 2. adversarial

✗ 3. inquisitorial

✔ 4. conciliatory

Q.58 Emily Henry's novel about two rival writers competing to pen a biography of a notorious heiress is titled as:

Ans ✗ 1. Funny Story

✗ 2. Happy Place

✗ 3. Book Lovers

✔ 4. Great Big Beautiful Life

Q.59 Suraj ranked 18th from the top and 67th from the bottom in his class. How many students are there in his class?

Ans ✗ 1. 83

✗ 2. 82

✗ 3. 85

✔ 4. 84

Q.60 If 276 is the mean proportion between x and 368, what is the value of x?

Ans ✔ 1. 207

✗ 2. 205

✗ 3. 209

✗ 4. 208

Q.61 In modern CPUs, what technique is used to execute multiple instructions simultaneously?

Ans
- ✗ 1. Clock Synchronization
- ✓ 2. Pipelining
- ✗ 3. Serial Processing
- ✗ 4. Sequential Execution

Q.62 What will come in place of the question mark (?) in the following equation, if '+' and '−' are interchanged, and '×' and '÷' are interchanged?

43 + 15 ÷ 2 − 12 × 4 = ?

Ans
- ✓ 1. 16
- ✗ 2. 18
- ✗ 3. 22
- ✗ 4. 24

Q.63 In which year did the Bhil rebellion start under the leadership of Bhil leaders such as Kazi Singh and Bhima Naik?

Ans
- ✗ 1. 1845
- ✗ 2. 1868
- ✓ 3. 1818
- ✗ 4. 1803

Q.64 In a certain code language, 'LIPS' is coded as '4628' and 'PURE' is coded as '3567'. What is the code for 'P' in the given code language?

Ans
- ✗ 1. 2
- ✗ 2. 7
- ✓ 3. 6
- ✗ 4. 3

Q.65 If △ ABC ~ △ XYZ, AB = 6 cm, XY = 8 cm, YZ = 12 cm and ZX = 16 cm, then find the perimeter of △ ABC.

Ans
- ✗ 1. 34 cm
- ✗ 2. 32 cm
- ✓ 3. 27 cm
- ✗ 4. 24 cm

Q.66 Which of the following is the largest contributor to irrigation in India?

Ans
- ✗ 1. Sub-irrigation
- ✗ 2. Tanks
- ✗ 3. Rainwater harvesting
- ✓ 4. Tube wells and canals

Q.67 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

GIM 8, HJN 11, IKO 14, JLP 17, ?

Ans
- ✗ 1. UVY 20
- ✓ 2. KMQ 20
- ✗ 3. UYZ 21
- ✗ 4. TUY 21

Q.68 Simplify :

$$72 \div \left[\frac{4}{2} \times \{9 + 2 - (4 + 7 - (1 + 8))\} \right]$$

Ans ✓ 1. 4

✗ 2. −4

✗ 3. 12

✗ 4. −1

Q.69 What will be the amount after 1 year if ₹9,900 is invested at 20% compound interest per annum, compounded half-yearly?

Ans ✗ 1. ₹12,940

✗ 2. ₹12,495

✗ 3. ₹11,307

✓ 4. ₹11,979

Q.70 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. URO

✓ 2. KIE

✗ 3. TQN

✗ 4. WTQ

Q.71 How are Municipal Corporations established in the Union Territories of India?

Ans ✗ 1. By State Legislature

✓ 2. By an Act of Parliament

✗ 3. By the Municipal Commissioner

✗ 4. By public vote

Q.72 A vendor sold 5 chocolates for ₹1, thereby gaining 20%. How many chocolates did he buy for ₹1?

Ans ✗ 1. 12

✗ 2. 10

✗ 3. 8

✓ 4. 6

Q.73 A class of 30 students appeared in a test. The average score of 12 students is 60, and that of the rest is 60. What is the average score of the class?

Ans ✓ 1. 60

✗ 2. 61

✗ 3. 59

✗ 4. 58

Q.74 4 is related to 10 following a certain logic. Following the same logic, 34 is related to 40. To which of the following is 66 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans ✗ 1. 70

✗ 2. 68

✔ 3. 72

✗ 4. 74

Q.75 The Abhidhamma Pitaka explores which of the following areas in depth?

Ans ✔ 1. Ethics, mental phenomena, and psychological insights

✗ 2. Animal stories

✗ 3. Political history

✗ 4. Folk tales

Q.76 After 50 litres of petrol was poured into an empty storage tank, it was still 10% empty. How much petrol (in litres, rounded off to two decimal places) must be poured into the storage tank in order to fill it?

Ans ✔ 1. 55.56

✗ 2. 51.33

✗ 3. 56.56

✗ 4. 54.56

Q.77 Which Article of the Constitution of India allowed citizens to reside and settle in any part of the territory of India?

Ans ✗ 1. Article 15

✔ 2. Article 19

✗ 3. Article 22

✗ 4. Article 18

Q.78 In a certain code language,
A + B means 'A is the mother of B',
A − B means 'A is the brother of B',
A × B means 'A is the wife of B' and
A ÷ B means 'A is the father of B'.

How is M related to Q if 'M + N − O × P ÷ Q'?

Ans ✗ 1. Father's sister

✗ 2. Father's mother

✔ 3. Mother's mother

✗ 4. Mother's sister

Q.79 An article was bought for ₹8,100. Its price was marked up by 40%. Thereafter it was sold at a discount of 15% on the marked price. What was the percentage profit on the transaction?

Ans ✗ 1. 20%

✗ 2. 17%

✗ 3. 18%

✔ 4. 19%

Q.80 X has planned his expenditure as follows: 30% of salary for house rent; 25% for food; 15% for medical expenditure and 16% for others. If he can save ₹42,000 every month, then his monthly salary (in ₹) is:

Ans ✗ 1. 3,30,000

✔ 2. 3,00,000

✗ 3. 3,50,000

✗ 4. 4,20,000

Q.81 In a certain code language, 'PICK' is coded as '4628' and 'COST' is coded as '3567'. What is the code for 'C' in the given code language?

Ans ✗ 1. 3

✗ 2. 2

✗ 3. 7

✔ 4. 6

Q.82 Find the value of m which satisfies $\left(\dfrac{11}{10}\right)^7 \times \left(\dfrac{10}{11}\right)^{10} \times \left(\dfrac{11}{10}\right)^9 = \left(\dfrac{10}{11}\right)^{3m+17}$.

Ans ✗ 1. $-\dfrac{29}{3}$

✔ 2. $-\dfrac{23}{3}$

✗ 3. $-\dfrac{15}{3}$

✗ 4. $-\dfrac{19}{3}$

Q.83 If $\cot\theta = \dfrac{3}{4}$, then find the value of $\sin 3\theta$.

Ans ✔ 1. $\dfrac{44}{125}$

✗ 2. $\dfrac{117}{125}$

✗ 3. $\dfrac{81}{125}$

✗ 4. $-\dfrac{117}{125}$

Q.84 What is the SI unit of energy?

Ans ✗ 1. Kelvin

✗ 2. Watt

✗ 3. Newton

✔ 4. Joule

Q.85 If the ratio of two numbers is 17 : 7 and the product of their LCM and their HCF is 119, then the sum of the reciprocals of the LCM and the HCF is:

Ans

✔ 1. $\dfrac{120}{119}$

✘ 2. $\dfrac{120}{137}$

✘ 3. $\dfrac{120}{161}$

✘ 4. $\dfrac{120}{139}$

Q.86 In a certain code language, 'flag dance best' is coded as 'xk tc kz' and 'mile flag wine' is coded as 'tc di gv'. How is 'flag' coded in the given language?

Ans

✘ 1. xk

✔ 2. tc

✘ 3. kz

✘ 4. di

Q.87 An internal trade route during the post-Mauryan empires, Uttarapatha, connected the:

Ans

✘ 1. western and southern parts of India

✘ 2. southern and eastern parts of India

✔ 3. northern and eastern parts of India with the northwestern region

✘ 4. northern and southern parts of India with the northwestern region

Q.88 Which of the following novels was written by Qurratulain Hyder in 1959 and is known for its deep insights on the Partition of India?

Ans

✘ 1. Train to Pakistan

✔ 2. Aag Ka Darya

✘ 3. Urvasie

✘ 4. Pinjar

Q.89 Which region of the Northern Plains is made of older alluvium?

Ans

✔ 1. Bhangar

✘ 2. Bhabar

✘ 3. Khadar

✘ 4. Terai

Q.90 What will come in place of the question mark (?) in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?

$8 ÷ 7 + 56 × 14 − 2 = ?$

Ans

✘ 1. 56

✘ 2. 52

✘ 3. 58

✔ 4. 54

Q.91 Solubility of CH_3COOH decreases in presence of CH_3COONa due to:

Ans

✔ 1. Common ion effect

✘ 2. Increased temperature

✘ 3. Ion pairing

✘ 4. Oxidation

Q.92 Find the average of 308, 127, 90, 45, 125 and 103.

Ans ✗ 1. 135

✗ 2. 132

✗ 3. 130

✔ 4. 133

Q.93 If 2 is added to each even digit and 1 is subtracted from each odd digit in the number 415796, what will be the sum of the digits which are fifth from the left and first from the right in the new number thus formed?

Ans ✗ 1. 14

✗ 2. 10

✔ 3. 16

✗ 4. 12

Q.94 Which keyboard shortcut permanently deletes a file without sending it to the Recycle Bin in Windows OS?

Ans ✗ 1. Alt + Delete

✗ 2. Ctrl + D

✗ 3. Delete

✔ 4. Shift + Delete

Q.95 Following are the ages (in years) of 6 people in a group: 25, 30, 35, 40, 45 and 50. What is the standard deviation of their ages (rounded to two decimal places)?

Ans ✗ 1. 9.26

✗ 2. 7.38

✔ 3. 8.54

✗ 4. 6.57

Q.96 What should come in place of the question mark (?) in the given series?

602 600 696 690 682 ?

Ans ✗ 1. 671

✗ 2. 668

✔ 3. 672

✗ 4. 670

Q.97 Simplify $\dfrac{8x^3 + 27y^3 - 64z^3 + 72xyz}{4x^2 + 9y^2 + 16z^2 - 6xy + 12yz + 8zx}$.

Ans ✗ 1. $(2x - 3y + 4z)$

✔ 2. $(2x + 3y - 4z)$

✗ 3. $(2x + 3y + 4z)$

✗ 4. $(2x - 3y - 4z)$

Q.98 This question is based on the five, three-digit numbers given below.

(Left) 412 366 307 241 667 (Right)

(Example: 697 – First digit = 6, second digit = 9 and third digit = 7)
(NOTE: All operations to be done from left to right.)

What will be the resultant if the first digit of the highest number is subtracted from the third digit of the lowest number?

Ans ✗ 1. −4

✗ 2. −2

✗ 3. −6

✓ 4. −5

Q.99 Select the number from among the given options that can replace the question mark (?) in the following series.
89 103 94 108 99 113 104 ?

Ans ✗ 1. 123

✗ 2. 95

✓ 3. 118

✗ 4. 98

Q.100 Gaurav bought the first pen for ₹444 and the second pen for ₹356, respectively. He sells the first pen at 75% of the profit but the buyer bargains for the price, and he has to offer a 14% discount and the second pen at 48% of the profit. Find the total profit he had in this transaction (correct to two decimal places).

Ans ✗ 1. ₹396.11

✗ 2. ₹399.02

✗ 3. ₹394.67

✓ 4. ₹395.10