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

Test Center Name	iON Digital Zone IDZ Powai
Test Date	16/06/2025
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 What was the slogan of the 2024 United Nations Biodiversity Convention (COP16) initially held in 2024?

Ans ✗ 1. Environmental Peace

✗ 2. Biodiversity to Peace

✔ 3. Peace with Nature

✗ 4. From Biodiversity to Nature

Q.2 Which Chinese traveler mentions a Maitraka ruler named Shiladitya?

Ans ✔ 1. Hiuen Tsang

✗ 2. I-Tsing

✗ 3. Fa-Hien

✗ 4. Faxian

Q.3 Which of the following is the keyboard shortcut to save an MS Excel workbook?

Ans ✗ 1. Alt + S

✗ 2. Tab + S

✔ 3. Ctrl + S

✗ 4. Ctrl + K

Q.4 In a circle of radius 10.5 cm, if the angle of a sector is $\frac{2\pi}{3}$, then the perimeter of the sector is (in cm):

(Take $\pi = \frac{22}{7}$)

Ans ✗ 1. 44

✗ 2. 40

✗ 3. 41

✔ 4. 43

Q.5 The distance between the easternmost and westernmost points of India is approximately:

Ans ✔ 1. 2933 km

✗ 2. 2500 km

✗ 3. 3500 km

✗ 4. 3214 km

Q.6 Sewa Singh Thikriwala was commemorated on his death anniversary on 20th January 2025. Which movement was he primarily associated with?

Ans ✅ 1. Praja Mandal Movement

❌ 2. Green Revolution

❌ 3. White Revolution

❌ 4. Goa's Liberation Movement

Q.7 Which of the following actions is performed when the Ctrl + V shortcut is used in most computer applications?

Ans ❌ 1. Opens the Find dialog box

❌ 2. Opens the new file creation dialog box

❌ 3. Saves the current document

✅ 4. Paste the copied or cut content

Q.8 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

SM13 QK25 OI37 MG49 ?

Ans ❌ 1. KF61

❌ 2. KF62

✅ 3. KE61

❌ 4. KE62

Q.9 Refer to the following number and symbol series and answer the question that follows. Counting to be done from left to right only.
(NOTE: All numbers are single digit numbers only.)

(Left) 8 & 1 9 5 £ $ 6 8 $ # 8 & @ * 5 $ # * 5 $ 9 (Right)

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

Ans ❌ 1. 3

❌ 2. 6

✅ 3. 4

❌ 4. 5

Q.10 'Tuhfat-ul-Muwahhidin' was written by:

Ans ❌ 1. Akshay Kumar Dutt

❌ 2. Keshub Chandra Sen

✅ 3. Rammohan Roy

❌ 4. Sayyid Ahmed Khan

Q.11 Which of the following is a 'Tata Vadya'?

Ans ❌ 1. Bansuri

✅ 2. Veena

❌ 3. Manjira

❌ 4. Dhol

Q.12 How does the parliamentary system ensure a "responsible government"?

Ans ❌ 1. By giving the judiciary the power to review executive decisions

❌ 2. By allowing the President to dismiss the Prime Minister at any time

✅ 3. By making the council of ministers collectively accountable to the Parliament

❌ 4. By permitting the military to oversee governance

Q.13 Three numbers are in the ratio $\frac{4}{14} : \frac{7}{14} : \frac{16}{10}$. The difference betwee

Find the largest number.

Ans   ✗ 1. 55

     ✗ 2. 54

     ✗ 3. 58

     ✓ 4. 56

Q.14 Select the triad that follows the same pattern as that followed by the two triads given below. Both triads follow the same pattern.

GB-IE-LN
KF-MI-PR

Ans   ✗ 1. OJ-QM-TU

     ✓ 2. OJ-QM-TV

     ✗ 3. PJ-QN-TU

     ✗ 4. PJ-QM-TU

Q.15 Which city will host the Web Summit 2025 from 10 to 13 November?

Ans   ✓ 1. Lisbon, Portugal

     ✗ 2. Dublin, Ireland

     ✗ 3. Rome, Italy

     ✗ 4. Barcelona, Spain

Q.16 Which of the following best describes the impact of human genome sequencing?

Ans   ✓ 1. It initiated a new scientific domain.

     ✗ 2. It clarified all RNA-related functions.

     ✗ 3. It marked a milestone toward transcriptional regulation.

     ✗ 4. It eliminated the need for classical genetics.

Q.17 According to the Ministry of Tribal Affairs, how many Scheduled Tribes are notified under Article 342 of the Constitution of India as of December 2022?

Ans   ✗ 1. Over 630

     ✗ 2. Over 530

     ✓ 3. Over 730

     ✗ 4. Over 430

Q.18 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 :: ?

 # : MRN :: HMI : %

Ans   ✗ 1. # = KLJ, % = KHI

     ✓ 2. # = PUQ, % = EJF

     ✗ 3. # = JIQ, % = FDJ

     ✗ 4. # = LPR, % = JHG

Q.19 The Digital India initiative, launched in 2015, marked a significant step in India's post-reform development trajectory. Which of the following is NOT a pillar of the Digital India initiative?

Ans ✗ 1. Digital Empowerment of Citizens

✓ 2. Privatisation of Internet Services

✗ 3. Governance and Services on Demand

✗ 4. Digital Infrastructure as a Utility to Every Citizen

Q.20 Reduce the equation $x^4 - 13x^2 + 36 = 0$ into a quadratic equation and find the roots of the reduced quadratic equation.

Ans ✗ 1. 18, 2

✗ 2. 12, 3

✓ 3. 9, 4

✗ 4. 6, 6

Q.21 In a certain code language, 'MANY' is coded as '5391' and 'ARCS' is coded as '2458'. What is the code for 'A' in the given code language?

Ans ✗ 1. 3

✗ 2. 8

✗ 3. 2

✓ 4. 5

Q.22 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 lions are tigers.
Some tigers are leopard.
No leopard is giraffe.

Conclusions:
(I) Some leopards are lions.
(II) Some giraffe can be tigers.

Ans ✗ 1. Both conclusions (I) and (II) follow

✗ 2. Only conclusion (I) follows

✗ 3. Either conclusion (I) or conclusion (II) follows

✓ 4. Only conclusion (II) follows

Q.23 Karuna, Jyoti, Shiv, Ram, Puran, Om and Luv are sitting around a circular table, facing the centre. Shiv sits third to the left of Luv. Karuna sits second to the left of Shiv. Jyoti sits third to the right of Puran. Ram sits second to the right of Jyoti. Ram is not an immediate neighbour of Shiv. Who sits to the immediate left of Ram?

Ans ✓ 1. Luv

✗ 2. Om

✗ 3. Karuna

✗ 4. Puran

Q.24 The cost of 3 pens and 12 notebooks is ₹195. The cost of 7 notebooks exceeds the cost of 4 pens by ₹39. What is the cost of 12 pens and 6 notebooks?

Ans ✗ 1. ₹229

✗ 2. ₹237

✓ 3. ₹234

✗ 4. ₹236

Q.25 Keshav gets a 4% increase in his sale amount in the first year and a 20% increase in the second year, and with that his present sale is ₹1,56,000. What was his sale (in ₹) two years ago?

Ans ✗ 1. 1,50,000

    ✗ 2. 1,05,000

    ✓ 3. 1,25,000

    ✗ 4. 1,30,000

Q.26 What positive value of X satisfies the equation $\dfrac{X}{147} = \dfrac{48}{X}$?

Ans ✗ 1. 86

    ✓ 2. 84

    ✗ 3. 83

    ✗ 4. 82

Q.27 The Draft Greenhouse Gases Emissions Intensity (GEI) Target Rules, 2025, was notified by which Ministry of India in April 2025?

Ans ✓ 1. Ministry of Environment, Forest and Climate Change

    ✗ 2. Ministry of Agriculture & Farmers' Welfare

    ✗ 3. Ministry of Chemicals and Fertilizers

    ✗ 4. Ministry of Health and Family Welfare

Q.28 F is the husband of G. G is the mother of H. H is the wife of I. I is the father of J. How is F related to J?

Ans ✗ 1. Father's father

    ✗ 2. Father's brother

    ✗ 3. Mother's brother

    ✓ 4. Mother's father

Q.29 Which of the following materials has been mainly used for building the Jahangiri Mahal in Agra Fort?

Ans ✗ 1. Concrete

    ✗ 2. Ceramic

    ✗ 3. White marble

    ✓ 4. Red sandstone

Q.30 What will come in place of the question mark (?) in the following equation, if '+' and '−' are interchanged, and '×' and '÷' are interchanged?

34 + 43 − 17 ÷ 121 × 11 = ?

Ans ✓ 1. 178

    ✗ 2. 156

    ✗ 3. 181

    ✗ 4. 164

Q.31 On simple interest, a certain sum of money amounts to ₹1,750 in 2 years and to ₹3,000 in 4 years. Find the rate of interest per annum.

Ans ✗ 1. 127%

    ✗ 2. 124%

    ✓ 3. 125%

    ✗ 4. 126%

Q.32 The Eastern Peripheral Expressway is built to decongest traffic in _____.

Ans ✗ 1. Chennai

✗ 2. Bengaluru

✓ 3. Delhi

✗ 4. Mumbai

Q.33 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. BYTR

✓ 2. ROIH

✗ 3. JGBZ

✗ 4. TQLJ

Q.34 Two sets of numbers are given below. In each set of numbers, certain mathematical operation(s) on the first number results in the second number. Similarly, certain mathematical operation(s) on the second number results in the third number and so on. Which of the given options follows the same set of operations as in the given sets?
(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.)

13 - 26 - 30 - 60; 5 - 10 - 14 - 28

Ans ✗ 1. 3 - 6 - 10 - 30

✗ 2. 2 - 4 - 8 - 12

✓ 3. 10 - 20 - 24 - 48

✗ 4. 7 - 14 - 18 - 22

Q.35 Seven friends, F, G, H, I, O, P and Q, are sitting in a row facing north. Only two people sit between I and G. Only H sits to the right of F. Only one person sits between G and F. O sits at some place to the right of P but at some place to the left of Q. Who sits third from the right end of the line?

Ans ✗ 1. G

✗ 2. F

✓ 3. Q

✗ 4. H

Q.36 If the mode of the following data is 160, then what is the value of x?

Class	145-150	150-155	155-160	160-165	165-170
Frequency	10	18	31	x	24

Ans ✓ 1. 31

✗ 2. 43

✗ 3. 32

✗ 4. 42

Q.37 This question is based on the five, three-digit numbers given below.

(Left) 190 735 494 761 781 (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 second digit of the highest number is subtracted from the second digit of the lowest number?

Ans   ✗ 1. 4

     ✗ 2. 2

     ✗ 3. 0

     ✔ 4. 1

Q.38 Which of the following communities was NOT included for fast-track citizenship under Citizenship Amendment Act (CAA) of 2019?

Ans   ✗ 1. Christian

     ✔ 2. Muslims

     ✗ 3. Hindu

     ✗ 4. Sikh

Q.39 Which of the following statements about the National Mission on Natural Farming (NMNF), launched in 2024, is/are correct?
NMNF aims to reach 1 crore farmers and cover 7.5 lakh ha.
Model Demonstration Farms will be set up only at Agricultural Universities.
Natural Farming practices aim to reduce dependency on externally purchased inputs.
It is a Central Sector Scheme under the Ministry of Agriculture and Farmers' Welfare.

Ans   ✔ 1. Only 1 and 3

     ✗ 2. 1, 2, 3 and 4

     ✗ 3. Only 1

     ✗ 4. Only 2 and 3

Q.40 The NK Singh Committee, which was formed in 2016, was associated with which of the following?

Ans   ✔ 1. Reviewing the FRBM Act, 2003

     ✗ 2. Reviewing the trade deficit in India

     ✗ 3. Introduction of Monetary Policy Committee

     ✗ 4. Introduction of Standing Deposit Facility

Q.41 Which Constitutional provision directs the State to ensure that justice is not denied to any citizen due to economic or other disabilities?

Ans   ✗ 1. Article 21

     ✔ 2. Article 39A

     ✗ 3. Article 32

     ✗ 4. Article 14

Q.42 In April 2025, who was appointed as the new Deputy Governor of the Reserve Bank of India (RBI)?

Ans   ✔ 1. Poonam Gupta

     ✗ 2. Michael Patra

     ✗ 3. Raghuram Rajan

     ✗ 4. Urjit Patel

Q.43 For a regular polygon, the sum of the interior angles is 300% more than the sum of its exterior angles. Each interior angle of the polygon measures x°. What is the value of x?

Ans ✓ 1. 144

✗ 2. 156

✗ 3. 134

✗ 4. 140

Q.44 In a certain code language, 'FAIR' is coded as '9357' and 'ROSE' is coded as '8632'. What is the code for R' in the given code language?

Ans ✓ 1. 3

✗ 2. 7

✗ 3. 8

✗ 4. 2

Q.45 Chetan travels from City A to City B. If Chetan drives his car at $\frac{2}{3}$ of

Find the time (in minutes) that Chetan would have taken to travel fron

◄ ▬▬▬▬▬▬▬ ►

Ans ✓ 1. 92

✗ 2. 99

✗ 3. 82

✗ 4. 85

Q.46 What type of vegetation is predominantly found in the Thar Desert?

Ans ✓ 1. Low herbs and shrubs

✗ 2. Alpine meadows

✗ 3. Mangroves

✗ 4. Evergreen forests

Q.47 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

YOD WNF UMH SLJ ?

Ans ✗ 1. QKK

✗ 2. QLK

✓ 3. QKL

✗ 4. QLL

Q.48 Which of the following is an example of a mixed cell reference in MS Excel?

Ans ✓ 1. $A1

✗ 2. A1

✗ 3. =SUM(A1:A5)

✗ 4. A1

Q.49 What will come in the place of the question mark '(?)' in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?

43 ÷ 9 − 988 × 2 + 11 = ?

Ans ✗ 1. 895

✗ 2. 880

✓ 3. 870

✗ 4. 875

Q.50 What is the median of the following data?

61, 55, 18, 49, 52, 80, 60, 33, 54, 56, 28

Ans ✗ 1. 54.5

✗ 2. 55

✔ 3. 54

✗ 4. 53.5

Q.51 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. R has the exam on Tuesday. Only two people have exams between U and R. Q has the exam immediately before V but not on Wednesday. S has the exam immediately before T.

How many people have exams between Q and P ?

Ans ✔ 1. Four

✗ 2. Three

✗ 3. Two

✗ 4. One

Q.52 Evaluate: 37 - [37 - {37 - (37 - 37 × 2)}]

Ans ✗ 1. 65

✗ 2. 70

✗ 3. 90

✔ 4. 74

Q.53 Amit bought 51 books at ₹1,120 per book from one shop and 49 books at ₹900 per book from another. What is the average price (in ₹) he paid per book?

Ans ✗ 1. 1,022.2

✗ 2. 1,027.2

✔ 3. 1,012.2

✗ 4. 1,002.2

Q.54 Which of the following tribal uprising leaders was/were NOT executed during the revolt but deported to another country?

Ans ✗ 1. Tilka Manjhi

✗ 2. Sidhu and Kanhu Murmu

✔ 3. Tirot Sing

✗ 4. Nilamber and Pitamber

Q.55 A shop earns ₹500, ₹600, ₹450, ₹550, and ₹400 over five days. What is the average earning per day?

Ans ✗ 1. ₹480

✗ 2. ₹460

✔ 3. ₹500

✗ 4. ₹520

Q.56 Nirbhay can complete a piece of work alone in 19 days and Vismay can complete the same piece of work alone in 6 days. They started the work together, but Nirbhay had to leave 4 days before the completion of the work. In how many days will the work get completed?

Ans

✗ 1. $5\dfrac{6}{25}$ days

✗ 2. $5\dfrac{8}{25}$ days

✗ 3. $5\dfrac{24}{25}$ days

✓ 4. $5\dfrac{13}{25}$ days

Q.57 A vendor sells oranges at ₹29 each and incurs a loss of 75%. If he wants to make a profit of 75%, at what price (in ₹) should he sell each orange?

Ans ✓ 1. 203

✗ 2. 201

✗ 3. 205

✗ 4. 206

Q.58 Find the circumference (in m) of the largest circle that can be inscribed in a rectangle whose dimensions are given as 114 m and 63 m.

Take $\pi = \dfrac{22}{7}$

Ans ✗ 1. 202

✗ 2. 199

✗ 3. 201

✓ 4. 198

Q.59 A shopkeeper marked his goods at X% above their cost price and sold them at a discount of 60%. If he gained 84% profit, then find the value of X.

Ans ✓ 1. 360

✗ 2. 362

✗ 3. 361

✗ 4. 359

Q.60 Considering the fundamental operations of a computer, what is the immediate effect of pressing the Tab key within a command-line interface (CLI) or terminal?

Ans ✗ 1. It switches to a different virtual terminal or console.

✓ 2. It attempts to auto-complete the currently typed command or filename.

✗ 3. It deletes the last typed character.

✗ 4. It executes the currently typed command.

Q.61 Which Constitutional Amendment explicitly inserted the term 'Cabinet' into the Indian Constitution in the context of Article 352?

Ans ✗ 1. 42nd Constitutional Amendment Act, 1976

✗ 2. 43rd Constitutional Amendment Act, 1977

✗ 3. 45th Constitutional Amendment Act, 1980

✓ 4. 44th Constitutional Amendment Act, 1978

Q.62 The caloric theory replaced which older theory of heat and combustion?

Ans   ✗ 1. Thermodynamic theory

    ✗ 2. Kinetic theory

    ✓ 3. Phlogiston theory

    ✗ 4. Entropy theory

Q.63 Barun starts from Point A and drives 8 km towards West. He then takes a left turn, drives 9 km, turns left and drives 12 km. He then takes a left turn and drives 13 km. He takes a final left turn, drives 4 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only, unless specified.)

Ans   ✗ 1. 5 km to the south

    ✓ 2. 4 km to the south

    ✗ 3. 2 km to the south

    ✗ 4. 3 km to the south

Q.64 Which airport was named the World's Best Airport in 2025 by Skytrax?

Ans   ✗ 1. Tokyo Haneda Airport

    ✗ 2. Incheon International Airport

    ✓ 3. Singapore Changi Airport

    ✗ 4. Hamad International Airport

Q.65 The Shivalik Hills, forming the outermost part of the Himalayan ranges, extend across which Indian states?

Ans   ✓ 1. Jammu and Kashmir to Uttarakhand

    ✗ 2. Bihar to West Bengal

    ✗ 3. Punjab to Sikkim

    ✗ 4. Arunachal Pradesh to Manipur

Q.66 If 2 is added to each odd digit and 3 is subtracted from each even digit in the number 7516438, what will be the difference between the greatest and smallest digits in the new number thus formed?

Ans   ✓ 1. 8

    ✗ 2. 4

    ✗ 3. 6

    ✗ 4. 2

Q.67 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. V has an exam on Thursday. Exactly 4 people have their exams between U and Q, neither of whom has an exam on Sunday. T has an exam immediately before S. R does not have an exam on Friday. U does not have an exam after S. How many people have exams after Q?

Ans   ✗ 1. 3

    ✓ 2. 1

    ✗ 3. 2

    ✗ 4. 4

Q.68 Anand has ₹1,617 with him. He divided it amongst his sons Anil and Ashok and asked them to invest it at 10% rate of interest per annum, compounded annually. It was seen that Anil and Ashok got same amount after 12 and 13 years, respectively. How much (in ₹) did Anand give to Anil?

Ans   ✓ 1. ₹847

    ✗ 2. ₹770

    ✗ 3. ₹870

    ✗ 4. ₹697

Q.69 Why is a voltmeter connected in parallel in a circuit?

Ans ✗ 1. To allow maximum current through it

✗ 2. To reduce the voltage drop

✗ 3. To measure the total resistance

✓ 4. To measure the difference in potential between two points

Q.70 Two numbers are respectively 47% and 25% more than a third number. The ratio of the two numbers is:

Ans ✗ 1. 149 : 124

✗ 2. 161 : 137

✗ 3. 155 : 132

✓ 4. 147 : 125

Q.71 Which of the following is the new criteria for becoming a small enterprise in the definition of the Ministry of Micro, Small & Medium Enterprises (MSMEs) that was announced in Union Budget 2025-26?

Ans ✗ 1. Turnover more than ₹125 crore

✗ 2. Turnover more than ₹500 crore

✗ 3. Turnover more than ₹100 crore

✓ 4. Turnover less than ₹100 crore

Q.72 A cylindrical rod has an curved surface area of 4,900 cm^2. If the length of the rod is 97 cm, then the radius (in cm) of the rod, correct to two places of decimal, is:

Take $\pi = \dfrac{22}{7}$

Ans ✗ 1. 8.55

✗ 2. 7.95

✓ 3. 8.04

✗ 4. 6.97

Q.73 What was the main issue debated during the 1905 Banaras Session of the INC, right after the announcement of Bengal's partition?

Ans ✗ 1. Formation of All India Muslim League

✗ 2. Demand for Swaraj

✓ 3. Use of Swadeshi and Boycott

✗ 4. Immediate resignation of British administrators in Bengal

Q.74 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. SV – XQ

✗ 2. BE – GZ

✗ 3. JM – OH

✓ 4. OR – TN

Q.75 In a certain code language, 'BEST' is coded as '4568' and 'STAB' is coded as '8965'. What is the code for 'A' in the given code language?

Ans ✓ 1. 9

✗ 2. 8

✗ 3. 5

✗ 4. 6

Q.76 What will come in the place of the question mark '(?)' in the following equation, if '+' and '−' are interchanged and '×' and '÷' are interchanged?

175 ÷ 5 + 213 × 3 − 75 = ?

Ans ✗ 1. 889

✓ 2. 879

✗ 3. 869

✗ 4. 898

Q.77 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 :: ?

: EIC :: QLZ : %

Ans ✗ 1. # = EDG, % = PNY

✓ 2. # = FHD, % = PMY

✗ 3. # = DJF, % = UPV

✗ 4. # = ERB, % = RNW

Q.78 What was the breakdown of India's medals in the Special Olympics World Winter Games 2025?

Ans ✗ 1. 15 gold, 10 silver, 8 bronze

✗ 2. 12 gold, 10 silver, 11 bronze

✗ 3. 10 gold, 15 silver, 8 bronze

✓ 4. 8 gold, 18 silver, 7 bronze

Q.79 Two taps can fill a cistern in 2 hours and 64 hours, respectively. A third tap can empty it in 2 hours. How long (in hours) will it take to fill half of the empty cistern, if all of them are opened together?

Ans ✗ 1. 64

✗ 2. 96

✓ 3. 32

✗ 4. 128

Q.80 Which of the following numbers is divisible by 47?

Ans ✗ 1. 3816

✓ 2. 3995

✗ 3. 4416

✗ 4. 3674

Q.81 The greatest number that divides 93 and 190 leaving remainders 5 and 3, respectively, is:

Ans ✗ 1. 17

✗ 2. 21

✗ 3. 14

✓ 4. 11

Q.82 Which organisation collaborated with ISRO in developing the Vikram 3201 and Kalpana 3201 microprocessors?

Ans ✗ 1. National Aerospace Laboratories (NAL) in Bengaluru

✓ 2. Semiconductor Laboratory (SCL) in Chandigarh

✗ 3. Indian Institute of Technology (IIT) in Delhi

✗ 4. Semiconductor Laboratory (SCL) in Mohali

Q.83 This question is based on the five, three-digit numbers given below.

(Left) 657 435 578 659 619 (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 second digit of the highest number is added to the third digit of the lowest number?

Ans ✗ 1. 9

✓ 2. 10

✗ 3. 13

✗ 4. 11

Q.84 Kanav starts from point A and drives 11 km towards the east. He then takes a left turn, drives 7 km, turns left and drives 13 km. He then takes a left turn and drives 12 km. He takes a final left 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. 5 km to the south

✗ 2. 4 km to the south

✓ 3. 5 km to the north

✗ 4. 4 km to the north

Q.85 Who among the following received the Padma Bhushan posthumously in 2025 for his contribution to music?

Ans ✗ 1. Sharda Sinha

✓ 2. Pankaj Udhas

✗ 3. Anant Nag

✗ 4. Lakshminarayana Subramaniam

Q.86 What should come in place of the question mark (?) in the given series?

862 860 856 850 842 ?

Ans ✗ 1. 833

✗ 2. 830

✗ 3. 831

✓ 4. 832

Q.87 What should come in place of the question mark (?) in the given series?

176 168 159 149 138 ? 113

Ans ✗ 1. 125

✓ 2. 126

✗ 3. 129

✗ 4. 123

Q.88

Find the value of $\dfrac{\sqrt{0.018496}}{\sqrt{0.001156}}$

Ans ✗ 1. 18

✓ 2. 4

✗ 3. 19

✗ 4. 12

Q.89 Which Article of the Constitution of India provides directives to the state for taking steps to raise the standard of living?

Ans ✗ 1. Article 48

✓ 2. Article 47

✗ 3. Article 49

✗ 4. Article 50

Q.90 A person saves 20% of his income. If his expenditure is ₹960, then his income (in ₹) is:

Ans ✗ 1. 192

✗ 2. 1,240

✗ 3. 768

✓ 4. 1,200

Q.91 Seven boxes, A, B, C, D, E, F and G, are kept one above the other but not necessarily in the same order. Only C is kept above B. Only two boxes are kept between B and F. Only E is kept below A. G is not kept immediately above F. How many boxes are kept above G?

Ans ✗ 1. 4

✓ 2. 2

✗ 3. 3

✗ 4. 1

Q.92 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 :: ?

 # : CRX :: ELU : %

Ans ✗ 1. # = BIY, % = HNW

✗ 2. # = AHW, % = GMY

✓ 3. # = APW, % = GNV

✗ 4. # = BPU, % = DNY

Q.93 The Milindapanho is a:

Ans ✗ 1. civil code

✗ 2. political treaty

✗ 3. military manual

✓ 4. Buddhist philosophical text

Q.94 On the MS PowerPoint 2019 home screen, which option or section should you click to start a new blank presentation when the 'Start Screen' is enabled?

Ans ✗ 1. The Design tab from the ribbon

✓ 2. The tile labeled 'Blank Presentation' on the right panel

✗ 3. The Recent tab in the left sidebar

✗ 4. The Open button at the bottom left corner

Q.95 If the manufacturer gains 10%, the wholesaler gains 15%, and the retailer gains 28%, then find the cost of production of a table (in ₹), whose retail price for the customer is ₹75,900. (NOTE: Manufacturer sells to wholesaler, wholesaler sells to retailer and retailer sells to customers.)

Ans ✗ 1. 51,562.5

✓ 2. 46,875

✗ 3. 60,000

✗ 4. 53,906.25

Q.96 During the third leg of Navika Sagar Parikrama II, which significant milestone did INSV Tarini achieve in January 2025?

Ans   ✗ 1. Crossed the International Date Line

    ✗ 2. Docked at Port Stanley for the first time

    ✗ 3. Completed a full circumnavigation of Antarctica

    ✓ 4. Crossed Point Nemo, the Oceanic Pole of Inaccessibility

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Q.97 The angle of elevation of a ladder leaning against a wall is $60°$ and the

The length of the ladder is:

Ans   ✓ 1. 9 m

    ✗ 2. $4\sqrt{2}$ m

    ✗ 3. 8 m

    ✗ 4. $3\sqrt{2}$ m

Q.98 A train P going at the speed of 58 km/hr completely passes train Q of length 238 m, going in the same direction on parallel tracks, at 27 km/hr, in 7.5 minutes. How much time (in seconds) will P take to cross completely train R of length 123 m, going at 38 km/hr in the opposite direction?

Ans   ✗ 1. 161

    ✗ 2. 134

    ✗ 3. 132

    ✓ 4. 141

Q.99 If the polynomial $ax^3 + 4x^2 + 3x - 4$ and $x^3 - 7x + a$ leaves the

divided by $(x - 2)$, then find the value of a.

Ans   ✗ 1. $\dfrac{-36}{5}$

    ✗ 2. $\dfrac{-17}{5}$

    ✗ 3. $\dfrac{-21}{8}$

    ✓ 4. $\dfrac{-24}{7}$

Q.100 In which year did the Government of India introduce Securities Transaction Tax (STT) to reduce the complexities involved in the taxation of securities transactions, promote fair trading, and prevent market manipulation?

Ans   ✗ 1. 2010

    ✗ 2. 2000

    ✗ 3. 2015

    ✓ 4. 2004