Test Date	23/06/2025
Test Time	9:00 AM - 10:30 AM
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 Which Edition of the European Political Community Summit was held in November 2024?

Ans
✗ 1. 4th → 1. 4th
✗ 2. 6th
✗ 3. 7th
✔ 4. 5th

Q.2 British land revenue policies were deeply exploitative. Under which system were landlords required to pay a fixed revenue regardless of crop yield?

Ans
✗ 1. Ryotwari
✔ 2. Zamindari
✗ 3. Mahalwari
✗ 4. Indian revenue system

Q.3 Which prominent Indian freedom fighter was imprisoned in Mandalay Jail, Burma?

Ans
✔ 1. Bal Gangadhar Tilak
✗ 2. Jawaharlal Nehru
✗ 3. Subhas Chandra Bose
✗ 4. Mahatma Gandhi

Q.4 Which of the following tribal communities was primarily involved in the Chuar Rebellion in the Jungle Mahals region?

Ans
✔ 1. Bhumji
✗ 2. Khasis
✗ 3. Bhils
✗ 4. Kols

Q.5 The Chinese traveler who visited Harsha's court was:

Ans
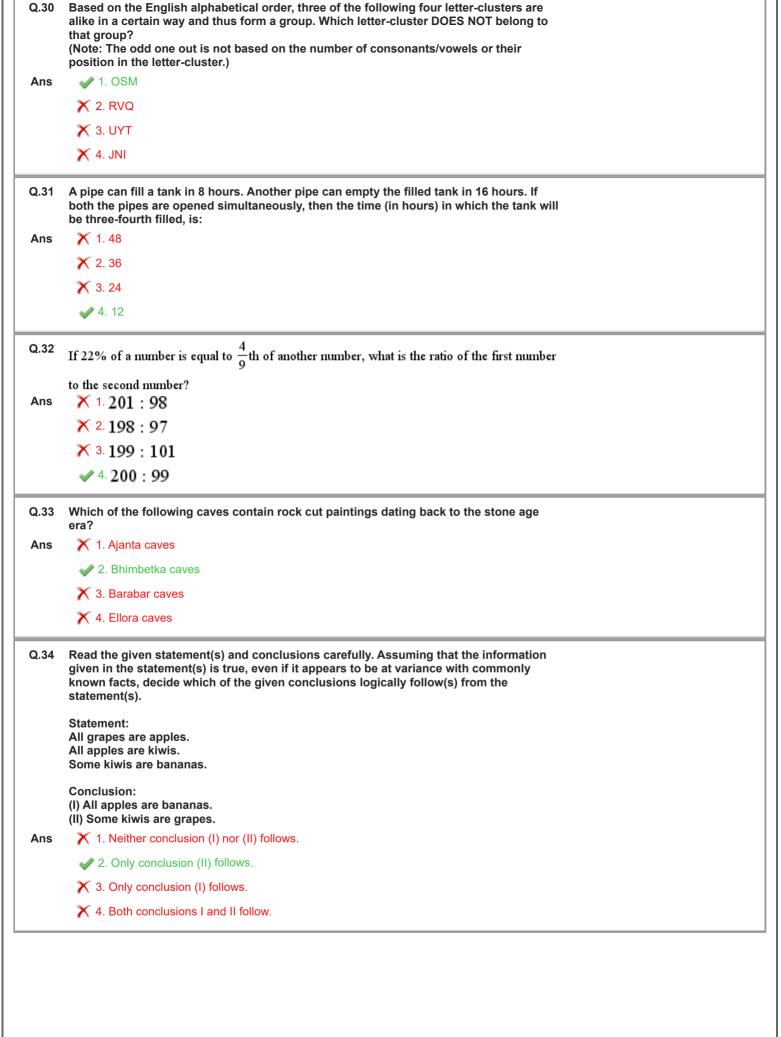✗ 1. I-Tsing
✔ 2. Hiuen Tsang
✗ 3. Fa-Hien
✗ 4. Hao

Q.6 Regarding the 2024 Maharashtra Assembly elections, which of the following statements are correct?

1. The BJP won more than 100 seats.
2. The Congress improved its seat tally compared to 2019.
3. The Shiv Sena (Shinde faction) secured more seats than the Uddhav faction.
4. The Maha Vikas Aghadi (MVA) alliance was successful in forming the government.

Ans ✗ 1. Only 1, 2, and 4

✗ 2. Only 2 and 3

✓ 3. Only 1 and 3

✗ 4. Only 3 and 4

Q.7 Which of the following is a disproportionation reaction?

Ans ✗ 1. $2Na + Cl_2 \rightarrow 2NaCl$

✗ 2. $Zn + HCl \rightarrow ZnCl_2 + H_2$

✗ 3. $Cu + HNO_3 \rightarrow Cu(NO_3)_2 + NO_2 + H_2O$

✓ 4. $Cl_2 + H_2O \rightarrow HCl + HOCl$

Q.8 In a row of 37 students facing north, Vishesh is 13th from the right end. If Namrata is 10th to the left of Vishesh, what is Namrata's position from the left end of the line?

Ans ✗ 1. 11th

✗ 2. 12th

✓ 3. 15th

✗ 4. 14th

Q.9 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 :: ?
: VTP :: KIE : %

Ans ✓ 1. # = QOK, % = PNJ

✗ 2. # = QNK, % = PUY

✗ 3. # = RTK, % = PKJ

✗ 4. # = LOY, % = PKJ

Q.10 What is the purpose of Print Preview in MS Excel 365?

Ans ✓ 1. To check how the spreadsheet will appear on paper and adjust layout/formatting

✗ 2. To delete unnecessary rows/columns

✗ 3. To edit cell formulas before printing

✗ 4. To convert the spreadsheet into a PDF

Q.11 What should come in place of the question mark (?) in the given series?

1512 1520 1530 1542 1556 ?

Ans ✓ 1. 1572

✗ 2. 1576

✗ 3. 1574

✗ 4. 1570

Q.12 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. YGIP

✗ 2. HPSY

✗ 3. AILR

✗ 4. NVYE

Q.13 The famous building 'Qutub Minar' has been built under which style of architecture?

Ans ✗ 1. Mughal Style

✓ 2. Mamulek Style

✗ 3. Sharqi Style

✗ 4. Seljuk Style

Q.14 Which of the following organisms has the smallest DNA length listed?

Ans ✗ 1. Human haploid cell

✓ 2. φ X174 phage

✗ 3. Escherichia coli

✗ 4. Bacteriophage λ

Q.15 In December 2024, which government project won the SKOCH Award for excellence in forest management?

Ans ✗ 1. Van Bandhu Kalyan Yojana

✗ 2. Green India Mission

✓ 3. Nagaland Forest Management Project

✗ 4. Social Forestry Schemes of Madhya Pradesh

Q.16 In the 2024 Jharkhand Assembly elections, how many seats were won by the winning party/coalition and what is the name of the party/coalition?

Ans ✗ 1. 56 seats, JMM-led NDA alliance

✓ 2. 56 seats, JMM-led alliance INDIA

✗ 3. 45 seats, Bharatiya Janata Party (BJP)

✗ 4. 50 seats, Indian National Congress (INC)

Q.17 The Western Coastal Plains are narrower and lie between which features?

Ans ✓ 1. Western Ghats and Arabian Sea

✗ 2. Himalayas and Indian Ocean

✗ 3. Vindhya Range and Arabian Sea

✗ 4. Eastern Ghats and Bay of Bengal

Q.18 Mr. GHI starts from Point A and drives 16 km towards the east. He then takes a right turn, drives 18 km, turns right and drives 26 km. He then takes a right turn and drives 26 km. He takes a final right turn, drives 10 km and stops at Point P. How far (shortest distance) and in which direction should he drive in order to reach Point A again? (All turns are 90-degree turns only unless specified)

Ans ✓ 1. 8 km to the south

✗ 2. 4 km to the west

✗ 3. 6 km to the west

✗ 4. 5 km to the south

Q.19 Which of the given 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 ::?

\# : GLO :: INQ : %

Ans ✗ 1. # = DFR, % = NPY

✓ 2. # = BGJ, % = NSV

✗ 3. # = BPU, % = MTG

✗ 4. # = EDG, % = MGV

Q.20 Five times the present age of Vashnavi is 18 years more than seven times the present age of Sooraj, and eight times the present age of Sooraj is 17 years less than five times the present age of Vashnavi. What is the sum of the present ages (in years) of Vashnavi and Sooraj?

Ans ✓ 1. 6

✗ 2. 10

✗ 3. 9

✗ 4. 4

Q.21 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 that follows the same logic.

BACK - ABCK - BCKA
MINO - IMNO - MNOI

Ans ✗ 1. RANK - ARNK - ANKR

✗ 2. CLIP - LCIP - PLIC

✗ 3. CAGE - CGAE - EGAC

✓ 4. TEAR - ETAR - TARE

Q.22 The mean of data is 56, and its median is 76. The mode (using empirical relation) of the data is:

Ans ✗ 1. 105

✓ 2. 116

✗ 3. 93

✗ 4. 203

Q.23 Which of the following river basins supports the highest population concentration in India?

Ans ✗ 1. Narmada Basin

✗ 2. Brahmaputra Basin

✓ 3. Ganga Basin

✗ 4. Godavari Basin

Q.24 If $\sqrt{2}\ \mathrm{cosec}A = 2\ \sec A$, find the value of $\tan A\ \sec A$.

Ans ✓ 1. $\dfrac{\sqrt{3}}{2}$

✗ 2. 4

✗ 3. $\sqrt{3}$

✗ 4. $\dfrac{1}{2}$

Q.25 In the three-tier structure of the Panchayati Raj system in India, which body is elected at the grassroots level?

Ans ✗ 1. Block Samiti

✗ 2. Zila Parishad

✓ 3. Gram Panchayat

✗ 4. Panchayat Samiti

Q.26 A group of numbers and symbols is coded using letter codes as per the codes given below and the conditions that follow. Study the given codes and conditions and answer the question that follows.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	@	4	2	+	8	-	÷	6	7	%	5	$	#	&
Code	P	V	A	R	Z	I	E	H	L	O	J	C	B	Q

Conditions:
If the first and the last elements are symbols, then the codes for these two (the first and the last element) are to be interchanged.
If the third element is a prime number, then the third element is to be coded as γ.
If the fifth element is a multiple of 4, then the fifth element is to be coded as β.
What will be the code for the following group?

4 6 ÷ % 8

Ans ✗ 1. BHEOZ

✗ 2. VHEOZ

✓ 3. VHEOβ

✗ 4. γHYOβ

Q.27 Ashish, Lalita and Pranav started a business in partnership, investing in the ratio of 21 : 9 : 20, respectively. At the end of the year, they earned a profit of ₹84,700, which is 28% of their total investment. How much did Lalita invest (in ₹)?

Ans ✗ 1. ₹54,352

✗ 2. ₹54,498

✗ 3. ₹54,442

✓ 4. ₹54,450

Q.28 Which Article of the Constitution of India provides a right to profess, practice and propagate religion?

Ans ✗ 1. Article 23

✗ 2. Article 24

✗ 3. Article 26

✓ 4. Article 25

Q.29 Which of the following is/are correct with respect to the outcomes of globalisation in the Indian economy?

1. The opening of the economy has led to a rapid decrease in foreign direct investment and foreign exchange reserves.
2. The post-1991 India witnessed a steep decline in its GDP on a continual basis for two decades.
3. The growth of GDP increased from 5.6% during 1980-91 to 8.2% during 2007-12.

Ans ✓ 1. Only 3

✗ 2. Only 2

✗ 3. Only 1 and 2

✗ 4. Only 1 and 3

Q.30 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. OSM

✘ 2. RVQ

✘ 3. UYT

✘ 4. JNI

Q.31 A pipe can fill a tank in 8 hours. Another pipe can empty the filled tank in 16 hours. If both the pipes are opened simultaneously, then the time (in hours) in which the tank will be three-fourth filled, is:

Ans ✘ 1. 48

✘ 2. 36

✘ 3. 24

✔ 4. 12

Q.32 If 22% of a number is equal to $\frac{4}{9}$ th of another number, what is the ratio of the first number to the second number?

Ans ✘ 1. $201 : 98$

✘ 2. $198 : 97$

✘ 3. $199 : 101$

✔ 4. $200 : 99$

Q.33 Which of the following caves contain rock cut paintings dating back to the stone age era?

Ans ✘ 1. Ajanta caves

✔ 2. Bhimbetka caves

✘ 3. Barabar caves

✘ 4. Ellora caves

Q.34 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statement(s) 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 statement(s).

Statement:
All grapes are apples.
All apples are kiwis.
Some kiwis are bananas.

Conclusion:
(I) All apples are bananas.
(II) Some kiwis are grapes.

Ans ✘ 1. Neither conclusion (I) nor (II) follows.

✔ 2. Only conclusion (II) follows.

✘ 3. Only conclusion (I) follows.

✘ 4. Both conclusions I and II follow.

Q.35 If $a^2 + b^2 = 179$ and $a \times b = 14$, then find $\dfrac{(a-b)}{(a+b)}$, where $a > b$.

Ans

✗ 1. $\dfrac{411}{445}$

✗ 2. $\sqrt{\dfrac{171}{217}}$

✓ 3. $\sqrt{\dfrac{151}{207}}$

✗ 4. $\dfrac{240}{281}$

Q.36 Which method allows you to create a new text file inside a specific folder in Windows?

Ans

✓ 1. Open the folder and right-click → New → Text Document

✗ 2. Press Ctrl + F while in the folder.

✗ 3. Start a new task from Task Manager.

✗ 4. Restore a file from the Recycle Bin.

Q.37 In Windows 11 OS, which command interpreter helps to manage computer's drives (disks, partitions, volumes, or virtual hard disks)?

Ans

✗ 1. msconfig

✗ 2. regedit

✗ 3. gpedit.msc

✓ 4. diskpart

Q.38 Which of the following materials is most suitable for making filaments in electric bulbs?

Ans

✗ 1. Copper

✓ 2. Tungsten

✗ 3. Iron

✗ 4. Aluminium

Q.39 Which Indian naval ship visited Port Louis, Mauritius, in March 2025 to participate in the 57th National Day celebrations?

Ans

✗ 1. INS Vikrant

✓ 2. INS Imphal

✗ 3. INS Chennai

✗ 4. INS Kolkata

Q.40 F, G, H, J, K and L live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2 and so on till the topmost floor is numbered 6. Only three people live between K and G, where K lives below G. H lives on an odd numbered floor and immediately above K. J lives on one of the floors below F and on one of the floors above L. Who lives on floor numbered 4?

Ans

✗ 1. F

✗ 2. H

✗ 3. L

✓ 4. J

Q.41 Where was the 2024 G20 Summit held?

Ans ✗ 1. Johannesburg, South Africa

✓ 2. Rio de Janeiro, Brazil

✗ 3. New Delhi, India

✗ 4. Rome, Italy

Q.42 If at the same rate of interest, in 2 years, the simple interest is ₹40 and compound interest, compounded annually, is ₹42, then what is the principal (in ₹)?

Ans ✓ 1. 200

✗ 2. 193

✗ 3. 195

✗ 4. 204

Q.43 This question is based on the five, three-digit numbers given below.
(Left) 941 915 741 807 776 (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 third digit of the highest number is added to the first digit of the lowest number?

Ans ✓ 1. 8

✗ 2. 9

✗ 3. 11

✗ 4. 7

Q.44 Each of the digits in the number 73412968 is arranged in the descending order from left to right. Which of the following digits will be fifth from the right in the new number thus formed?

Ans ✓ 1. 6

✗ 2. 4

✗ 3. 7

✗ 4. 3

Q.45 Who among the following wrote the book 'Breaking Rocks and Barrier'?

Ans ✗ 1. Arun Shourie

✗ 2. Pankaj Mishra

✓ 3. Sudipta Sengupta

✗ 4. Soumitra Chatterjee

Q.46 Mr. C starts from Point D and drives 3 km towards the west. He then takes a left turn, drives 11 km, turns left and drives 9 km. He then takes a right turn and drives 5 km, turns left drives 7 km. He then takes left turn, drives 16 km. He takes a final left turn drives 9 km and stops at Point E. How far (shortest distance) and towards which direction should he drive in order to reach Point D again? (All turns are 90 degrees turns only unless specified.)

Ans ✗ 1. 2 km towards the East

✓ 2. 4 km towards the West

✗ 3. 2 km towards the West

✗ 4. 4 km towards the South

Q.47 The temperatures recorded over five consecutive days in a town were: 28°C, 30°C, 32°C, 31°C, and 29°C. What was the average temperature during these five days?

Ans ✗ 1. 29°C

✓ 2. 30°C

✗ 3. 31°C

✗ 4. 32°C

Q.48 By selling cloth at ₹483/m, a shopkeeper loses 31%. Find the rate (in ₹/m) at which it should be sold so as to earn a profit of 34%.

Ans ✗ 1. 939

✗ 2. 935

✗ 3. 937

✓ 4. 938

Q.49 This question is based on the five, three-digit numbers given below.
(Left) 441 317 999 155 444 (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 third digit of the highest number is subtracted from the first digit of the lowest number?

Ans ✗ 1. −6

✗ 2. −7

✗ 3. −5

✓ 4. −8

Q.50 In which year did the Dutch East India Company establish its factory at Petapuli on the North Coromandel Coast?

Ans ✓ 1. 1606

✗ 2. 1532

✗ 3. 1699

✗ 4. 1457

Q.51 Which ancient civilisations flourished in the Thar Desert area about 5000 years ago?

Ans ✗ 1. Greek Civilisation

✗ 2. Babylonian Civilisation

✗ 3. Egyptian Civilisation

✓ 4. Indus Valley Civilisation

Q.52 This question is based on the five, three-digit numbers given below.
(Left) 107 788 634 346 488 (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 added to the third digit of the lowest number?

Ans ✗ 1. 7

✗ 2. 9

✗ 3. 12

✓ 4. 14

Q.53 Who is the author of the 2025 novel Dream Count?

Ans ✔ 1. Chimamanda Ngozi Adichie

✘ 2. Dan Brown

✘ 3. Ocean Vuong

✘ 4. Philip Pullman

Q.54 In quadrilateral PQRS, the bisectors of ∠R and ∠S meet at point T (inside the quadrilateral), and ∠STR = 8°. If the ratio of ∠P to ∠Q is 7 : 9, then what is the difference between the measures of ∠Q and ∠P?

Ans ✘ 1. 4°

✘ 2. 7°

✔ 3. 2°

✘ 4. 5°

Q.55 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

LOK 4, JMI 9, HKG 25, FIE 49, ?

Ans ✘ 1. DGC 169

✔ 2. DGC 121

✘ 3. DFC 121

✘ 4. DGC 81

Q.56 When initiating a new presentation in MS PowerPoint, which of the following is the most accurate description of the 'Design Ideas' feature's primary function?

Ans ✘ 1. To automatically populate slides with relevant content based on the presentation topic

✘ 2. To provide real-time collaboration tools for multiple users working on the same presentation simultaneously

✔ 3. To suggest various pre-designed templates and layouts based on the content on the current slide

✘ 4. To automatically translate the presentation content into multiple languages

Q.57 $\dfrac{1}{20}$ is what percentage of $\dfrac{1}{30}$?

Ans ✔ 1. 150%

✘ 2. 300%

✘ 3. 165%

✘ 4. 160%

Q.58 PSKO is related to ILDH in a certain way based on the English alphabetical order. In the same way, RUMQ is related to KNFJ. To which of the given options is TWOS related, following the same logic?

Ans ✘ 1. PMLH

✘ 2. MPLH

✔ 3. MPHL

✘ 4. PMHL

Q.59 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

HL27 GK38 FJ49 EI60 ?

Ans ✘ 1. DG71

✔ 2. DH71

✘ 3. DH72

✘ 4. DG72

Q.60 यदि $\dfrac{x+1}{x} = 9$ है, तो $\dfrac{x^2+1}{x^2}$ का मान ज्ञात कीजिए।

Ans
  ✔ 1. 79
  ✘ 2. 72
  ✘ 3. 78
  ✘ 4. 85

Q.61 In this question, a group of numbers/symbols are coded using letter codes as per the codes given below, and the conditions that follow. The correct combination of codes (following only the condition/s that apply) is your answer.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	7	@	6	2	#	%	&	8	9	=	$	3	4	+
Code	E	J	A	H	F	R	B	Y	L	H	Q	T	K	Z

Conditions:
(i) If the first element is an odd number and the last element is also an odd number then the codes for these two (the first and the last elements) are to be interchanged.
(ii) If the first and last elements are perfect squares then the code of the 1st and last element is to be that of the preceding number or symbol.
(iii) If the first and last element is a symbol then the first and last element is to be coded as >.

What is the code for the following?

9%+27

Ans
  ✘ 1. LRZHE
  ✘ 2. ERZHE
  ✘ 3. LRZHL
  ✔ 4. ERZHL

Q.62 When you reuse slides from another presentation in MS PowerPoint 365, which of the following options ensures the imported slides retain their original formatting?

Ans
  ✘ 1. Import slides as images to lock their look
  ✘ 2. Copy and paste the slides
  ✘ 3. Apply the destination theme after inserting
  ✔ 4. Click 'Keep Source Formatting' in the Reuse Slides pane

Q.63 Which dynasty replaced the Shungas in Magadha?

Ans
  ✔ 1. Kanvas
  ✘ 2. Satavahanas
  ✘ 3. Guptas
  ✘ 4. Kushanas

Q.64 What significant announcement did Vandana Katariya, who holds the record for the most international caps in Indian women's hockey history, make in April, 2025?

Ans
  ✔ 1. Her retirement from international hockey
  ✘ 2. Her appointment as the captain of the Indian women's hockey team
  ✘ 3. Her participation in the upcoming Olympics
  ✘ 4. Her decision to join a new hockey team

Q.65 For a regular polygon, the sum of the interior angles is 400% more than the sum of its exterior angles. Each interior angle of the polygon measures x°. What is the value of x?

Ans
  ✘ 1. 145
  ✘ 2. 135
  ✔ 3. 150
  ✘ 4. 140

Q.66 If 'P' stands for '×', 'Q' stands for '÷', 'R' stands for '−' and 'S' stands for '+', then what will come in place of the question mark (?) in the following equation?

29 S 9 P 3 R 13 P 4 S 55 = ?

Ans ✔ 1. 59

✗ 2. 27

✗ 3. 83

✗ 4. 41

Q.67 Find the value of $(0.54)^3 + (0.46)^3$.

Ans ✗ 1. 0.2854

✗ 2. 0.2584

✗ 3. 0.2458

✔ 4. 0.2548

Q.68 Start-up culture has grown rapidly in India after the liberalisation. Which ministry leads the implementation of the Start-up India initiative?

Ans ✗ 1. Ministry of Finance

✗ 2. Ministry of Skill Development

✔ 3. Ministry of Commerce and Industry

✗ 4. Ministry of MSME

Q.69 Which of the following numbers is divisible by 12?

Ans ✗ 1. 2800

✗ 2. 2349

✗ 3. 1264

✔ 4. 2184

Q.70 In May 2025, the management of Palamu Tiger Reserve (PTR) was in talks with TRAFFIC − a joint initiative between World Wildlife Fund and the International Union of Conservation of Nature − to obtain a sniffer dog for _____.

Ans ✗ 1. Periyar National Park

✔ 2. Betla National Park

✗ 3. Gir National Park

✗ 4. Kanha National Park

Q.71 According to 2011 census of India, which of the following states/union territories was observed as absence of tribal population?

Ans ✗ 1. Maharashtra

✗ 2. Kerala

✔ 3. Punjab

✗ 4. Odisha

Q.72 Hari travels from City A to City B. If Hari drives his car at $\frac{1}{4}$ of his normal speed, then he reaches City B 39 minutes late. Find the time (in minutes) that Hari would take to travel from City A to City B if he drove at his normal speed.

Ans ✗ 1. 4

✗ 2. 20

✔ 3. 13

✗ 4. 19

Q.73 The average weight of 14 boys in a class is 40.25 kg and that of the remaining 4 boys is 38 kg. Find the average weight (in kg, rounded off to two decimal place) of all the boys in the class.

Ans ✗ 1. 41.75

✗ 2. 40.75

✔ 3. 39.75

✗ 4. 38.75

Q.74 Which Article of the Indian Constitution empowers Parliament to regulate the right of citizenship by law?

Ans ✗ 1. Article 10

✗ 2. Article 5

✔ 3. Article 11

✗ 4. Article 14

Q.75 In a certain code language,

'A + B' means 'A is the son 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 S related to H if 'S + D – F × G ÷ H'?

Ans ✗ 1. Father's sister's son

✗ 2. Father's brother's son

✗ 3. Mother's sister's son

✔ 4. Mother's brother's son

Q.76 What should come in place of the question mark (?) in the given series?
216, 182, 152, 126, 104, ?

Ans ✗ 1. 78

✗ 2. 72

✗ 3. 81

✔ 4. 86

Q.77 Three taps A, B and C together can fill an empty cistern in 20 minutes. Tap A alone can fill it in 50 minutes and tap B alone in 60 minutes. How long will tap C alone take to fill it (in minutes)?

Ans ✗ 1. 70

✗ 2. 72

✗ 3. 80

✔ 4. 75

Q.78 If the volume of a right circular cone of height 11 cm is 297π cm^3, find the diameter of its base.

Ans ✗ 1. 14 cm

✗ 2. 12 cm

✗ 3. 25 cm

✔ 4. 18 cm

Q.79 In a certain code language, 'SOUP' is coded as '5173' and 'PINT' is coded as '4216'. What is the code for 'P' in the given code language?

Ans ✔ 1. 1

✗ 2. 4

✗ 3. 6

✗ 4. 3

Q.80 What type of aircraft did the Indian Air Force contingent include in Exercise INIOCHOS-25?

Ans ✔ 1. Su-30 MKI fighters, IL-78 aerial refuelers and C-17 transport aircraft

✘ 2. Only Su-30 MKI fighters

✘ 3. Only C-17 transport aircraft

✘ 4. Only IL-78 aerial refuelers

Q.81 The least number which, when diminished by 7, is divisible by 16, 20, 10 and 27 is:

Ans ✔ 1. 2167

✘ 2. 2155

✘ 3. 2216

✘ 4. 2146

Q.82 Seven people, A, B, L, M, N, S, and T are sitting in a row, facing north. Only L sits to the left of S. Only four people sit between L and N. Only M sits between A and B, and A is not an immediate neighbour of N.
Who sits at the extreme right of the line?

Ans ✘ 1. A

✘ 2. N

✘ 3. D

✔ 4. T

Q.83 A hemispherical bowl has a 3.5 cm radius. It is to be painted inside as well as outside. Find the cost of painting it at the rate of ₹17 per 10 cm^2.

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

Ans ✘ 1. ₹241.8

✔ 2. ₹261.8

✘ 3. ₹251.8

✘ 4. ₹271.8

Q.84 If A's salary is 51% more than that of B, then by what percentage is B's salary less than that of A (correct to two decimal places)?

Ans ✘ 1. 36.52%

✔ 2. 33.77%

✘ 3. 34.80%

✘ 4. 32.75%

Q.85 The median of the observations 85, 62, 20, 72, 20, 43, 35, 90, 68, 56 and 79 is:

Ans ✔ 1. 62

✘ 2. 72

✘ 3. 56

✘ 4. 68

Q.86 Seven people D, E, F, G, L, M and N are sitting in a row, facing north. Only five people sit between M and L. F sits to the immediate left of L. Only one person sits between F and E. N sits at some place to the left of G but at some place to the right of D. Who sits third from the left end of the row?

Ans ✔ 1. N

✘ 2. D

✘ 3. G

✘ 4. F

Q.87 Select the set in which the numbers are related in the same way as are the numbers of the following 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.)

(29, 53, 24)
(12, 32, 20)

Ans ✗ 1. (47, 75, 25)

✗ 2. (24, 40, 13)

✗ 3. (49, 71, 19)

✔ 4. (46, 60, 14)

Q.88 Find the roots of the equation $5x^2 - 11x + 2 = 0$ by factorisation method.

Ans ✗ 1. $1, \dfrac{2}{5}$

✔ 2. $\dfrac{1}{5}, 2$

✗ 3. $2, \dfrac{2}{5}$

✗ 4. $5, 2$

Q.89 The simplified value of 74 - 3 × (21 + 15) + 36 is:

Ans ✔ 1. 2

✗ 2. 11

✗ 3. -5

✗ 4. 6

Q.90 Which of the following is NOT an elected position under the Panchayati Raj system in India?

Ans ✗ 1. Zila Pramukh

✗ 2. Pradhan

✔ 3. Panchayat Secreatary

✗ 4. Sarpanch

Q.91 Which of the following Articles of the Indian Constitution states about the duty of Union Public Service Commission to present its report annually to the President of India?

Ans ✗ 1. Article 322

✔ 2. Article 323

✗ 3. Article 324

✗ 4. Article 321

Q.92 Each of the digits in the number 257461398 is arranged in ascending order from left to right. What will be the sum of the digits that are second from the left and third from the right in the new number thus formed?

Ans ✗ 1. 10

✗ 2. 11

✗ 3. 8

✔ 4. 9

Q.93 The selling price of 35 books is equal to the cost price of 28 books. Find the loss or gain percentage.

Ans
  ✔ 1. 20% loss

  ✘ 2. $\dfrac{100}{7}\%$ gain

  ✘ 3. 20% gain

  ✘ 4. $\dfrac{100}{7}\%$ loss

Q.94 Which of the following crops is associated with plantation agriculture in India?

Ans
  ✘ 1. Bajra

  ✔ 2. Tea

  ✘ 3. Wheat

  ✘ 4. Cotton

Q.95 The Planning Commission was established to steer India's five year plans. Who was the first chairman of the Planning Commission of India?

Ans
  ✘ 1. CD Deshmukh

  ✘ 2. Rajendra Prasad

  ✔ 3. Jawaharlal Nehru

  ✘ 4. BR Ambedkar

Q.96 In what time (in years) will ₹2,800 fetch an interest of ₹700 at 5% per year simple interest?

Ans
  ✔ 1. 5

  ✘ 2. 6

  ✘ 3. 7

  ✘ 4. 8

Q.97 A car covers a distance of 1032 km in 8 hours. The speed of a train is double the speed of the car. One-third the speed of the train is equal to the speed of a bike. How much distance will the bike cover in 17 hours?

Ans
  ✘ 1. 1460 km

  ✘ 2. 1452 km

  ✔ 3. 1462 km

  ✘ 4. 1458 km

Q.98 If 2 is added to each odd digit and 1 is subtracted from each even digit in the number 1374526, then what will the sum of the digits which are third from the left and third from the right in the new number thus formed be?

Ans
  ✘ 1. 8

  ✘ 2. 14

  ✘ 3. 11

  ✔ 4. 16

Q.99 In this question, a group of numbers/symbols are coded using letter codes as per the codes given below, and the conditions that follow. The correct combination of codes (following only the condition/s that apply) is your answer.

Note: If none of the conditions apply, then codes for the respective number/symbol are to be followed directly as given in the table.

Number/symbol	7	@	6	2	#	%	&	8	9	=	$	3	4	+
Code	E	J	A	H	F	R	B	Y	L	H	Q	T	K	Z

Conditions:
(i) If the first element is an odd number and the last element is also an odd number, then the codes for these two (the first and the last elements) are to be interchanged.
(ii) If the first and last elements are perfect squares, then the code of the 1st and last element are to be interchanged.
(iii) If the first and last element is a symbol, then the first and last element is to be coded as >.

What is the code for the following?

98#@4

Ans ✔ 1. KYFJL

✘ 2. LYFJK

✘ 3. TYFJY

✘ 4. KYFEL

Q.100 A grocer marked his goods at 60% above their cost price and sold them at a discount of X%. If he gained 52% profit, then find the value of X.

Ans ✘ 1. 7

✔ 2. 5

✘ 3. 2

✘ 4. 3