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

Test Date	19/06/2025
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 **KARJ is related to NDUM in a certain way based on the English alphabetical order. In the same way, PLBF is related to SOEI. To which of the following is SCHQ related, following the same logic?**

Ans
- ✗ 1. UFNR
- ✗ 2. VELT
- ✓ 3. VFKT
- ✗ 4. UEMR

Q.2 **The mode of the observations 35, 32, 28, 27, 25, 32, 31, 27, 32, 30, 32, 27, 31, 34, 32 and 22 is:**

Ans
- ✗ 1. 28
- ✓ 2. 32
- ✗ 3. 35
- ✗ 4. 27

Q.3 **What should come in place of the question mark (?) in the given series?**

327, 304, 271, ?, 175, 112

Ans
- ✗ 1. 248
- ✗ 2. 218
- ✓ 3. 228
- ✗ 4. 238

Q.4 **Which Indian Bank has outlined the details of its Embassy Deposits, which are exclusively available to diplomats, non-diplomatic staff and diplomatic missions in March 2025?**

Ans
- ✓ 1. HDFC Bank
- ✗ 2. Bandhan Bank
- ✗ 3. Bank of Baroda
- ✗ 4. Axis Bank

Q.5 **If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 7643185, what will be difference between the highest and lowest digits in the number thus formed?**

Ans
- ✗ 1. 4
- ✗ 2. 7
- ✗ 3. 5
- ✓ 4. 6

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Q.6	In which year was the Smart Cities Mission launched to enhance the quality of life in 100 selected cities by providing efficient services, robust infrastructure, and a sustainable environment?
Ans	✔ 1. 2015
	✘ 2. 2012
	✘ 3. 2014
	✘ 4. 2013

Q.7	If the selling price of a bed is 2-times of initial, then the profit is 7-times of initial. Find the initial profit percentage (in %).
Ans	✘ 1. 250
	✔ 2. 20
	✘ 3. 28.57
	✘ 4. 350

Q.8	What was a notable feature of the 'Tiger Triumph 2025' joint military exercise between India and the United States?
Ans	✘ 1. Exclusive focus on counter-terrorism operations
	✔ 2. Inclusion of the United States Space Force for the first time
	✘ 3. Participation limited to naval forces only
	✘ 4. Conducted solely in the Arabian Sea region

Q.9	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. IJ - DE
	✘ 2. GH - BC
	✘ 3. LM - GH
	✔ 4. MN - PD

Q.10	Two numbers are in the ratio 7 : 11. If the first number is increased by 10 and the second number is decreased by 20, then the ratio becomes 2 : 3. What is the sum of the original two numbers?
Ans	✘ 1. 1240
	✘ 2. 1254
	✔ 3. 1260
	✘ 4. 1268

Q.11	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.) 11 - 22 - 44 - 45; 3 - 6 - 12 - 13
Ans	✘ 1. 1 - 2 - 3 - 6
	✘ 2. 19 - 20 - 22 - 44
	✔ 3. 4 - 8 - 16 - 17
	✘ 4. 13 - 14 - 15 - 20

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Q.12 Who among the following is responsible for implementing decisions made by a Municipal Corporation's council and standing committees in India?

Ans
- ✗ 1. Deputy Mayor
- ✗ 2. Standing Committee Head
- ✓ 3. Municipal Commissioner
- ✗ 4. Chairman

Q.13 If a + b = 33, and a - b = 37, find the value of $(a + b)^2$.

Ans
- ✗ 1. 1152
- ✗ 2. 1101
- ✓ 3. 1089
- ✗ 4. 1181

Q.14 In a certain code language, 'PEAR' is coded as '7481' and 'DEAR' is coded as '7154'. What is the code for 'D' in the given code language?

Ans
- ✗ 1. 7
- ✗ 2. 4
- ✗ 3. 1
- ✓ 4. 5

Q.15 Who among the following first coined the term 'judicial activism'?

Ans
- ✗ 1. Justice PN Bhagwati
- ✗ 2. Justice VR Krishna Iyer
- ✗ 3. DA Desai
- ✓ 4. Arthur Schlesinger Jr.

Q.16 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 to be followed directly as given in the table.

Number/Symbol	3	#	8	$	7	&	6	*	4	^	2
Code	B	S	D	F	G	H	J	K	L	P	R

Conditions:
i) If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
ii) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
iii) If both the second and third elements are perfect squares, then the code of the second element will be the code for the third element.

What will be the code for the following group?

849@

Ans
- ✗ 1. DLUC
- ✗ 2. CLUD
- ✗ 3. DULC
- ✓ 4. DLLC

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Q.17 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/Symbols	3	#	4	$	7	&	6	*	8	^	2
Code	H	A	J	B	K	C	L	D	M	E	N

Conditions:
i) If the first element is a symbol and the last a number, the codes for these two (the first and the last elements) are to be interchanged.
ii) If the first element is an odd number and the last an even number, the first and last elements are to be coded as ©.
iii) If both the second and third elements are perfect cubes, the code of the second element will be the code of third element.

What will be the code for the following group?

3$72

Ans
- ✗ 1. NBKH
- ✓ 2. ©BK©
- ✗ 3. HBKN
- ✗ 4. HKB©

Q.18 Seven boxes, A, B, C, D, E, F and G, are kept one over the other, but not necessarily in the same order. No box is kept above F. Only three boxes are kept between F and B. Only one box is kept between A and E. E is kept immediately above B. Only four boxes are kept between A and C. G is kept at some place above D. How many boxes are kept above B?

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

Q.19 Jitesh and Kamal can complete a certain piece of work in 5 and 18 days, respectively, They started to work together, and after 3 days, Kamal left. In how many days will Jitesh complete the remaining work?

Ans
- ✗ 1. $\frac{11}{6}$
- ✗ 2. $\frac{13}{6}$
- ✓ 3. $\frac{7}{6}$
- ✗ 4. $\frac{25}{6}$

Q.20 Which of the following changes did the Waqf (Amendment) Act, 2025 make?

Ans
- ✗ 1. Abolished State Waqf boards
- ✗ 2. Allowed private leasing
- ✗ 3. Removed audits
- ✓ 4. Added Muslim women to boards

Q.21	What was the main purpose of the citadel in Harappan cities?
Ans	✗ 1. To organise religious ceremonies
	✗ 2. To function as a residential area
	✗ 3. To function as a marketplace
	✓ 4. To organise administrative and public functions

Q.22	Find the simple interest (in ₹) on ₹2,000 at 6% per annum rate of interest for the period from 3 February 2023 to 17 April 2023.
Ans	✗ 1. 25
	✓ 2. 24
	✗ 3. 23
	✗ 4. 22

Q.23	Ishan starts from Point Y and drives 21 km towards the north. He then takes a left turn, drives 42 km, turns left and drives 41 km. He then takes a right turn and drives 17 km. He takes a right turn, drives 59 km. He then turns right, drives 18 km, turns right and drives 39 km to stop at Point Z. How far (shortest distance) and towards which direction should he drive in order to reach Point Y again? (All turns are 90-degree turns only unless specified.)
Ans	✗ 1. 39 km towards the east
	✗ 2. 43 km towards the west
	✗ 3. 45 km towards the south
	✓ 4. 41 km towards the east

Q.24	What should come in place of the question mark (?) in the given series? 713 715 720 722 727 729 ?
Ans	✗ 1. 739
	✓ 2. 734
	✗ 3. 731
	✗ 4. 736

Q.25	In some cases, the Prime Minister of India assigns an independent charge of a portfolio to a Minister of State. This implies that the Minister of State:
Ans	✗ 1. is demoted in responsibilities
	✗ 2. loses the title of Minister of State
	✓ 3. functions as if in Cabinet rank with full independent responsibility for that portfolio
	✗ 4. serves jointly with a Cabinet Minister to share and perform responsibilities of the assigned portfolio

Q.26	What is the proper way to print a spreadsheet in MS Excel?
Ans	✗ 1. Click on the 'Home' tab and select 'Print'
	✗ 2. Press Ctrl + Pt
	✓ 3. Click on the 'File' tab and choose 'Print'
	✗ 4. Press Ctrl + S

Q.27	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 the exam on Monday. P has the exam before R. Only two people have exams between U and Q. V has the exam immediately before U but after S. R has the exam before T. How many people have exams between P and S?
Ans	✔ 1. Two
	✘ 2. Three
	✘ 3. Five
	✘ 4. Four

Q.28	Which of the following reformers was NOT associated with British India?
Ans	✘ 1. Bal Gangadhar Tilak
	✘ 2. Swami Vivekananda
	✔ 3. Aryabhatta
	✘ 4. Raja Ram Mohan Roy

Q.29	Select the letter-cluster from among the given options that can replace the question mark (?) in the following series. ETQ IQO MNM QKK ?
Ans	✔ 1. UHI
	✘ 2. UHJ
	✘ 3. UII
	✘ 4. UJJ

Q.30	Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete? FKN17 GLO28 HMP39 INQ50 ?
Ans	✔ 1. JOR61
	✘ 2. JOS61
	✘ 3. JOR60
	✘ 4. JOS60

Q.31	A shopkeeper sold a book for ₹544 at a loss of 36%. At what price (in ₹) should he sell it to gain 24% on it?
Ans	✔ 1. 1,054
	✘ 2. 1,057
	✘ 3. 1,056
	✘ 4. 1,055

Q.32	A and B complete a work in 14 days. If A alone can do it in 63 days, then B alone can do it half of the same work in _____ days.
Ans	✔ 1. 9
	✘ 2. 36
	✘ 3. 27
	✘ 4. 18

Q.33	The relics of Buddha are found inside which of the following Buddhist architectures?
Ans	✘ 1. Chaitya Halls
	✘ 2. Rock Edicts
	✘ 3. Ashokan Pillars
	✔ 4. Stupas

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Q.34	The diagonals of a rhombus are in the ratio 8 : 15, and the perimeter is 102 cm. Find the area (in cm^2) of the rhombus.
Ans	✔ 1. 540
	✘ 2. 533
	✘ 3. 546
	✘ 4. 534

Q.35	A byke travels 80 km at the speed of 40 km/hr and the next 45 km at the speed of 15 km/hr. What is its average speed (in km/hr)?
Ans	✔ 1. 25
	✘ 2. 31
	✘ 3. 29
	✘ 4. 19

Q.36	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) 1 $ @ % 1 4 3 * # 6 3 4 £ % 2 @ 6 % 8 % 9 $ (Right) How many such numbers are there each of which is immediately preceded by a symbol and also immediately followed by a symbol?
Ans	✘ 1. 3
	✘ 2. 5
	✘ 3. 6
	✔ 4. 4

Q.37	If the roots of the quadratic equation $kx^2 - 4x + 1 = 0$ are real and equal, what is the value of k?
Ans	✘ 1. 8
	✔ 2. 4
	✘ 3. 2
	✘ 4. 1

Q.38	Which desktop element in Windows OS allows users to restore deleted files and folders?
Ans	✘ 1. Task Manager
	✘ 2. Start Menu
	✔ 3. Recycle Bin
	✘ 4. Control Panel

Q.39	Which of the following is the highest peak of the Maikal range?
Ans	✘ 1. Guru Shikhar
	✘ 2. Kalsubai
	✘ 3. Anamudi
	✔ 4. Amarkantak

Q.40	In January 2025, which film director received the Outstanding Achievement in Indian Cinema award at IIFA 2025?
Ans	✘ 1. Karan Johar
	✘ 2. Sanjay Leela Bhansali
	✔ 3. Rakesh Roshan
	✘ 4. Rajkumar Hirani

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Q.41	Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern. TJR : PKT DHQ : ZIS
Ans	✔ 1. XBG : TCI
	✘ 2. EMT : CQX
	✘ 3. KOS : IQV
	✘ 4. CRJ : BTN

Q.42	Which of the following is the equivalent ratio of 7 : 9?
Ans	✘ 1. 67 : 93
	✘ 2. 67 : 91
	✘ 3. 72 : 95
	✔ 4. 70 : 90

Q.43	A bank offers 7.4% compound interest per annum calculated on a half-yearly basis. A customer deposits ₹8,022 each on 1 January and 1 July of a year. At the end of the year, the amount he would have gained by way of interest is _____ (give your answer correct to 2 decimal places).
Ans	✘ 1. ₹918.48
	✔ 2. ₹901.42
	✘ 3. ₹919.85
	✘ 4. ₹903.07

Q.44	In a certain code language, 'A + B' means 'A is the sister of B' 'A – B' means 'A is the father of B' 'A x B' means 'A is the wife of B' 'A ÷ B' means 'A is the son of B' Based on the above, how is P related to T if 'P x Q ÷ R – S + T'?
Ans	✔ 1. Brother's wife
	✘ 2. Sister's daughter
	✘ 3. Son's wife's sister
	✘ 4. Brother's son's wife

Q.45	D, E, F, G, H, I and P are sitting around a circular table facing the centre of the table. Only four people sit between D and P when counted from the right of D. D sits third to the left of H. G sits third to the left of E. I is an immediate neighbour of both P and H. How many people sit between F and I when counted from the right of F?
Ans	✘ 1. One
	✘ 2. Four
	✘ 3. Three
	✔ 4. Two

Q.46	The numerical value of $\frac{4}{\sec^2\theta} + \frac{3}{1+\cot^2\theta} + \sin^2\theta$ is:
Ans	✘ 1. 3
	✔ 2. 4
	✘ 3. 2
	✘ 4. 1

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Q.47	In 1510, Alfonzo de Albuquerque captured which place from the Sultan of Bijapur and made it the capital of the Portuguese eastern empire?
Ans	✔ 1. Goa
	✘ 2. Calicut
	✘ 3. Cochin
	✘ 4. Surat

Q.48	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 sweater are jacket. All sweater are coat. All coat are blazer. Conclusions: (I) All sweater are blazer. (II) Some coat are jacket.
Ans	✘ 1. Only conclusion (I) follows
	✘ 2. Neither conclusion (I) nor (II) follows
	✔ 3. Both conclusions (I) and (II) follow
	✘ 4. Only conclusion (II) follows

Q.49	Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern. BGM : DEK SVL : UTJ
Ans	✘ 1. HXF : LTB
	✘ 2. GOU : KMQ
	✔ 3. EKX : GIV
	✘ 4. IMZ : MIW

Q.50	Which court in the subordinate judiciary has unlimited pecuniary jurisdiction in civil cases?
Ans	✘ 1. Court of Munsiff
	✔ 2. Judge of District Court
	✘ 3. Small Causes Court
	✘ 4. Nyaya Panchayat

Q.51	If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 7134856, which of the following digits will be second from the left in the new number thus formed?
Ans	✘ 1. 3
	✔ 2. 2
	✘ 3. 4
	✘ 4. 1

Q.52	If the sum of two numbers p and m is 12 and $(p^3 + m^3) = 360$, then find the value of pm.
Ans	✘ 1. 28
	✘ 2. 44
	✔ 3. 38
	✘ 4. 35

Q.53	T starts from Point A and drives 6 km towards the North. He then takes a right turn, drives 15 km, turns right and drives 9 km. He then takes a right turn and drives 19 km. He takes a final right turn, drives 3 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 degrees turns only unless specified)
Ans	✗ 1. 2 km to the East
	✓ 2. 4 km to the East
	✗ 3. 6 km to the North
	✗ 4. 8 km to the North

Q.54	Four numbers are in the ratio of 11 : 19 : 5 : 7 respectively. If the sum of these four numbers is 2289, then what is the sum of the first and the third number?
Ans	✓ 1. 872
	✗ 2. 848
	✗ 3. 816
	✗ 4. 887

Q.55	The World Sustainable Development Summit 2025 took place in which city?
Ans	✗ 1. Bengaluru
	✓ 2. New Delhi
	✗ 3. Hyderabad
	✗ 4. Mumbai

Q.56	The Recorder's Court was later replaced by the _____.
Ans	✓ 1. Supreme Court
	✗ 2. High Courts
	✗ 3. Privy Council
	✗ 4. Sessions Courts

Q.57	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. HK – NU
	✗ 2. XA – CK
	✗ 3. AD – FN
	✗ 4. KN – PX

Q.58	WDFG is related to ZGIJ in a certain way based on the English alphabetical order. In the same way, IPRS is related to LSUV. To which of the following options is RYAB related, following the same logic?
Ans	✓ 1. UBDE
	✗ 2. UDEB
	✗ 3. UBED
	✗ 4. UDBE

Q.59	Which of the following farming techniques is primarily practised by tribal groups in India?
Ans	✗ 1. Intensive farming
	✗ 2. Commercial farming
	✓ 3. Shifting agriculture
	✗ 4. Plantation farming

Q.60	Simplify: $\left[\left(28 \div \frac{3}{9}\right) \times \left\{6 \div 2 \times \frac{18-2}{6}\right\} \div \{8 \times 6 \div 3\}\right]$
Ans	✗ 1. 63
	✗ 2. 84
	✓ 3. 42
	✗ 4. 104

Q.61	A shop sells candles in two packs: Pack A: 5 candles at ₹4 each and Pack B: 5 candles at ₹6 each. What is the average price per candle?
Ans	✗ 1. ₹6
	✓ 2. ₹5
	✗ 3. ₹5.5
	✗ 4. ₹4

Q.62	Which powerful ruler of the Pallavas constructed the Shore Temple at Mahabalipuram?
Ans	✗ 1. Mahendravarman I
	✗ 2. Simhavishnu
	✗ 3. Nandivarman
	✓ 4. Narasimhavarman II

Q.63	A, B, C, D, E, F, and G are sitting around a circular table facing the centre. Only two people sit between D and F when counted from the left of F. E sits third to the left of G. A sits to the immediate right of G. A sits second to the left of D. B is an immediate neighbour of E. How many people sit between C and F when counted from the left of C?
Ans	✓ 1. Two
	✗ 2. Four
	✗ 3. Three
	✗ 4. One

Q.64	As of February 2025, how many athletes trained under Khelo India have set international records?
Ans	✓ 1. 1424
	✗ 2. 1802
	✗ 3. 1631
	✗ 4. 1250

Q.65	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) 5 4 7 % € $ 2 £ % 6 6 9 9 £ € & € © 3 7 © * (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. 5
	✗ 2. 2
	✓ 3. 3
	✗ 4. 4

Q.66	If HF is a weak acid, what can be inferred about the strength of its conjugate base F^-?
Ans	✗ 1. It is neutral.
	✗ 2. It is a strong base.
	✓ 3. It is a weak base.
	✗ 4. It is a strong acid.

Q.67	The average age of Amit, Arjun and Anya is 30 years. If the average age of Amit and Anya is 35 years, what will be Arjun's age after 2 years?
Ans	✗ 1. 30 years
	✗ 2. 24 years
	✓ 3. 22 years
	✗ 4. 28 years

Q.68	7362 × 726.8 × 0.709 is equal in value to:
Ans	✗ 1. 736.2 × 726.8 × 709
	✗ 2. 7.362 × 7.268 × 709
	✗ 3. 7.362 × 72.68 × 70.9
	✓ 4. 73.62 × 7268 × 7.09

Q.69	In 2024, the Indian government approved defence acquisitions worth $17.3 billion. How much percentage of these acquisitions was sourced from domestic suppliers?
Ans	✗ 1. 100%
	✗ 2. 50%
	✓ 3. 99%
	✗ 4. 75%

Q.70	Which of the following Operating System concepts is most directly involved in ensuring that multiple processes can access and modify files concurrently without causing data corruption?
Ans	✓ 1. File locking mechanisms
	✗ 2. Paging
	✗ 3. Virtual memory management
	✗ 4. Scheduling algorithms

Q.71	The longitudinal valleys between the lesser Himalayas and the Shiwaliks are called:
Ans	✓ 1. Duns
	✗ 2. Meanders
	✗ 3. Khadars
	✗ 4. Doabs

Q.72	Which of the following could be the factors that led Foreign Portfolio Investors (FPIs) to withdraw significant funds from Indian equities according to the Economic Survey 2024-25? 1. Slowing earnings growth 2. High valuations 3. Rising geopolitical tensions
Ans	✗ 1. 1 and 2 only
	✗ 2. 1 and 3 only
	✗ 3. 2 and 3 only
	✓ 4. All 1, 2, and 3

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Q.73	What happens when a user presses the Bullets button (•) in MS Word?
Ans	✗ 1. The text alignment changes to center
	✗ 2. The font size increases
	✓ 3. The selected text is converted into a bulleted list
	✗ 4. The selected text is converted into a numbered list

Q.74	Which cricket team won the 2024 ICC Women's T20 World Cup held in the UAE, securing their first title in this format?
Ans	✗ 1. India
	✓ 2. New Zealand
	✗ 3. England
	✗ 4. Australia

Q.75	Find the circumference (in m) of the largest circle that can be inscribed in a rectangle whose dimensions are given as 281 m and 133 m. Take $\pi = \frac{22}{7}$
Ans	✗ 1. 411
	✗ 2. 416
	✓ 3. 418
	✗ 4. 428

Q.76	Which edition of the World Sustainable Development Summit (WSDS) was held from 5th to 7th March 2025?
Ans	✗ 1. 23rd
	✓ 2. 24th
	✗ 3. 20th
	✗ 4. 28th

Q.77	What type of AI model did the Indian Institute of Science (IIS) team use in 2025 to generate synthetic images that help improve object detection?
Ans	✓ 1. Diffusion Model
	✗ 2. Transformer Model
	✗ 3. Generative Adversarial Network (GAN)
	✗ 4. Recurrent Neural Network (RNN)

Q.78	A dealer purchased a ceiling fan for ₹66,000. He allows a discount of 56% on its marked price and still gains 69%. Find the marked price of the ceiling fan.
Ans	✗ 1. ₹2,53,597
	✗ 2. ₹2,53,394
	✗ 3. ₹2,53,426
	✓ 4. ₹2,53,500

Q.79	Which of the following acts of the East India Company formally separated the Legislative and Executive functions of Governor-General's Council?
Ans	✗ 1. Charter Act of 1813
	✗ 2. Charter Act of 1793
	✓ 3. Charter Act of 1853
	✗ 4. Charter Act of 1833

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Q.80	Sujay ranked 29th from the top and 59th from the bottom in his class. How many students are there in his class?
Ans	✔ 1. 87
	✘ 2. 88
	✘ 3. 85
	✘ 4. 86

Q.81	What will come in the place of the question mark (?) in the following equation, if '+' is replaced by '−' and '×' and '÷' are interchanged? 66 ÷ 2 + 6 × 1 + 9 = ?
Ans	✔ 1. 117
	✘ 2. 120
	✘ 3. 110
	✘ 4. 105

Q.82	Let $\Delta ABC \sim \Delta QPR$ and $\frac{(ar(\Delta ABC))}{(ar(\Delta PQR))} = \frac{64}{121}$. If AB = 11 cm, BC = 7 cm and AC = 8 cm, then QR (in cm) is equal to:
Ans	✔ 1. 11
	✘ 2. 9
	✘ 3. 10
	✘ 4. 8

Q.83	Most of the Thar Desert lies in which direction with respect to the Aravalli Hills?
Ans	✔ 1. North-West
	✘ 2. North-East
	✘ 3. South
	✘ 4. East

Q.84	What is the default name given to a folder on Windows systems?
Ans	✘ 1. Folder
	✔ 2. New Folder
	✘ 3. Untitled Folder
	✘ 4. Default Folder

Q.85	In January 2025, for the first time, the Government of India has decided to provide financial assistance to the Indian contingent participating in the 9th Asian Winter Games 2025 under which of the following schemes?
Ans	✔ 1. Assistance to National Sports Federations
	✘ 2. Khelo India Scheme
	✘ 3. Target Olympic Podium Scheme
	✘ 4. Fit India Movement

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Q.86 This question is based on the five, three-digit numbers given below.

(Left) 870 165 207 893 753 (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. −2
✓ 2. −3
✗ 3. −4
✗ 4. 0

Q.87 The present cost of a plot area is ₹1,12,079. After a year, its cost increased to ₹1,89,297. The percentage increase (rounded off to the nearest integer) in the cost of the plot area is:

Ans
✗ 1. 73%
✗ 2. 67%
✓ 3. 69%
✗ 4. 57%

Q.88 Which of the following statements is NOT correct regarding India after its adoption of new economic reforms in 1991?

Ans
✗ 1. After the economic reforms, the growth of agriculture sector declined in the country.
✗ 2. The industrial sector does not show an enormous increase in the GDP contribution of India post 1991.
✓ 3. The 1991 reforms have caused a huge increase in public investment in the agriculture sector and increased its share in India's GDP.
✗ 4. Liberalisation of trade and investment regime was initiated in India post 1991 to increase international competitiveness of industrial production.

Q.89 What is the mode of the data given below? [Give your answer correct to 2 decimal places.]

Age in years	10-20	20-30	30-40	40-50	50-60	60-70	70-80
No. of patients	22	20	23	15	36	17	14

Ans
✗ 1. 49.91
✗ 2. 59.42
✓ 3. 55.25
✗ 4. 56.88

Q.90 Rakesh's salary is ₹12,000 per month. He spends ₹6,000 on house rent, ₹3,000 on bills and the rest of the amount is his monthly savings. Find his savings (in ₹) in a year, if in the month of his birthday, he spent his complete monthly savings for the birthday celebration.

Ans
✓ 1. 33,000
✗ 2. 36,000
✗ 3. 27,000
✗ 4. 30,000

Q.91 India initiated structural reforms in 1991 to address a severe balance of payments crisis. Which global institution played a key role in supporting India's 1991 reforms?
.

Ans
✗ 1. World Health Organization
✓ 2. International Monetary Fund
✗ 3. World Trade Organization
✗ 4. United Nations

Q.92	Each of the digits in the number 24765389 is arranged in ascending order from left to right. Which of the following digits will be fourth from the left in the new number thus formed?
Ans	✗ 1. 6
	✗ 2. 4
	✗ 3. 7
	✓ 4. 5

Q.93	When was the discovery of salvarsan recognised with a Nobel Prize in Medicine?
Ans	✗ 1. 1915
	✓ 2. 1908
	✗ 3. 1929
	✗ 4. 1905

Q.94	The least number which, when diminished by 8, is divisible by 15, 12, 18 and 29 is:
Ans	✗ 1. 5263
	✗ 2. 5275
	✓ 3. 5228
	✗ 4. 5187

Q.95	In Warli painting, what is the process called where cow dung and water are spread for background preparation?
Ans	✗ 1. Lihane
	✗ 2. Saravane
	✗ 3. Rangoli
	✓ 4. Lipane

Q.96	In $\triangle ABC$, $DE \parallel AC$, where D and E are the points on sides AB and BC, respectively. If BD = 2 cm and AD = 19 cm, then what is the ratio of the area of $\triangle BDE$ to the trapezium ADEC?
Ans	✗ 1. 12 : 435
	✗ 2. 10 : 11
	✓ 3. 4 : 437
	✗ 4. 13 : 8

Q.97	A boat takes 90 minutes to go 49.2 km upstream. The ratio of the speed of the boat in still water to that of the stream is 3 : 2. How much total time (in hours) will the boat take to go 44.8 km upstream and 71.2 km downstream?
Ans	✗ 1. 5.4
	✗ 2. 0.1
	✓ 3. 1.8
	✗ 4. 3.8

Q.98	What is the purpose of the Urban Infrastructure Development Fund (UIDF) announced in the Union Budget 2023-24?
Ans	✗ 1. To increase healthcare facilities
	✗ 2. To finance rural infrastructure
	✓ 3. To utilise priority sector lending shortfall
	✗ 4. To promote agricultural exports

Q.99	Yashika buys 6 apples and 6 mangoes for ₹216. When the cost of an apple is decreased by 30% and that of a mango remains the same, then the cost of 5 apples and 8 mangoes is ₹162. What is the original cost of 7 apples and 2 mangoes?
Ans	✗ 1. ₹211
	✗ 2. ₹217
	✓ 3. ₹212
	✗ 4. ₹214

Q.100	Which key event in the life cycle of Plasmodium causes rupture of red blood cells?
Ans	✓ 1. Maturation and multiplication of merozoites inside the RBCs
	✗ 2. Sexual reproduction inside mosquitoes in the erythrocytes
	✗ 3. Conversion into sporozoites
	✗ 4. Multiplication inside liver cells