



रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARD

सी ई एन - 06/2025 - CEN - 06/2025

एनटीपीसी (स्नातक स्तर) की भर्ती / Recruitment of NTPC Graduate Level



Test Date	17/03/2026
Test Time	9:00 AM - 10:30 AM
Subject	RRB NTPC GRADUATE CBT 1

*** 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 CBT 1

Q.1 Tejasvi, Trishana and Meena are three sisters. Tejasvi and Trishana are twins. The sum of the ages of Tejasvi and Trishana is the same as that of Meena. Four years earlier, the ratio of the ages of Tejasvi and Meena was 1:3. What will be the age of Trishana 4 years from now?

Ans A) 18 years B) 16 years C) 12 years D) 14 years

Correct Answer: C

Q.2 The revised methodology from 2025 for calculating **Green Credit** for tree plantation requires certain thresholds before a claim can be submitted. Which is the **correct eligibility pair**?

Ans A) 7 years of restoration + 40% canopy density B) 3 years of restoration + 30% canopy density
C) 5 years of restoration + 60% canopy density D) 5 years of restoration + 40% canopy density

Correct Answer: D

Q.3 As of December 2025, under the Pradhan Mantri Jan-Dhan Yojana (PMJDY), eligible account holders can access an overdraft facility of up to:

Ans A) ₹10,000 B) ₹8,000 C) ₹15,000 D) ₹5,000

Correct Answer: A

Q.4 At what rate (in percentage, rounded off to two decimal place) per year will a sum of money 5 times itself in 15 years on simple interest?

Ans A) 26.67 B) 53.34 C) 28.67 D) 24.67

Correct Answer: A

Q.5 Refer to the following letter and symbol series and answer the question that follows. Counting to be done from left to right only.

(Left) T O @ \$ J \$ S € M L I * N G © Y & T P £ Y T (Right)

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

Ans A) 4 B) 2 C) 1 D) 3

Correct Answer: C

Q.6 A woman travelled at a speed of 20 m/min for 90 min, and at a speed of 72 m/min for 66 min. Her average speed (in m/min) for the entire journey is:

Ans A) 35 B) 46 C) 48 D) 42

Correct Answer: D

Q.7 If the mean of the following data is 35, find the value of X.

Class	10-20	20-30	30-40	40-50	50-60
Frequency	42	26	45	46	X

Ans A) 28 B) 34 C) 26 D) 32

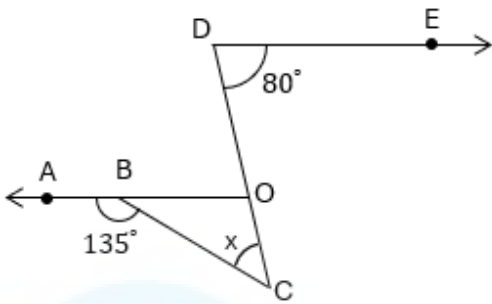
Correct Answer: D

Q.8 Evaluate: $(-9) - (-60) \div (-6) + (-2) \times 8$

Ans A) -37 B) -38 C) -35 D) -34

Correct Answer: C

Q.9 In the given figure, lines AO and DE are parallel. What is the value of x?



Ans A) 145° B) 45° C) 100° D) 35° **Correct Answer: D**

Q.10 Which dynasty ruled over Kannauj during the Tripartite Struggle?

Ans A) Rashtrakutas B) Chalukyas C) Palas - Cholas D) Gurjara-Pratiharas **Correct Answer: D**

Q.11 Which of the following methods was characteristically adopted by the Moderates during the early phase of the Indian national movement?

Ans A) Boycott of foreign goods and institutions B) Swadeshi Movement C) Promotion of Vedic education D) Constitutional reforms

Correct Answer: D

Q.12 P sells an item to Q at 70% profit. Q sells the same item to R at 67% loss. If R paid ₹ 3927 for the item, then at what price (in ₹) is the item purchased by P?

Ans A) 7003 B) 6998 C) 6997 D) 7000 **Correct Answer: D**

Q.13 According to Census 2011, which of the following states showed a negative decadal population growth rate between 2001 and 2011?

Ans A) Punjab B) Nagaland C) Gujrat D) Kerela **Correct Answer: B**

Q.14 Mahesh has ₹1407 with him. He divides this amount between his two sons, Vijay and Ajay, and asks them to invest their respective shares at a compound interest rate of 10% per annum, compounded annually. It is observed that Vijay's investment amounts to the same value after 17 years as Ajay's investment does after 18 years. How much (in ₹) did Mahesh give to Ajay?

Ans A) 837 B) 670 C) 737 D) 520 **Correct Answer: B**

Q.15 A copper sphere of diameter 24 cm is melted and drawn into a wire of diameter 4 mm. What is the length (in metres) of the wire?

Ans A) 456 B) 480 C) 576 D) 580 **Correct Answer: C**

Q.16 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.)

(336, 216, 156)
(379, 259, 199)

Ans A) (432, 332, 252) B) (394, 264, 204) C) (412, 292, 232) D) (449, 329, 249) **Correct Answer: C**

Q.17 By November 2025, non-fossil power accounted for what percentage of the total installed electricity capacity in India?

Ans A) 40.2% B) 45.8% C) 51.5% D) 60.0% **Correct Answer: C**

Q.18 A and B, when each is working alone, can complete a piece of work in. respectively, 20 days and 25 days. Each work on alternate days, with A and B starting to work on Day 1 and Day 2, respectively. How long will it take them to complete the work?

Ans A) $22\frac{1}{5}$ days B) 23 days C) 11 days D) 22 days **Correct Answer: A**

Q.19 Which North Indian fair, held every 12 years, is a major Hindu pilgrimage event at Prayagraj?

Ans A) Hemis Festival B) Kumbh Mela C) Surajkund Mela D) Pushkar Mela

Correct Answer: B

Q.20 Simplify: $\frac{(525 \times 525 \times 525) + (321 \times 321 \times 321)}{(525 \times 525) - (525 \times 321) + (321 \times 321)} \times \frac{1}{(96 - 36)}$

Ans A) 12.5 B) 15.9 C) 13.1 D) 14.1

Correct Answer: D

Q.21 Which core component of Windows OS is responsible for handling low-level operations such as memory management and process scheduling?

Ans A) Service Control Manager B) Task Scheduler C) Windows Explorer D) Windows Kernel

Correct Answer: D

Q.22 A cube has a lateral surface area of 324 cm². It is fully submerged in a rectangular container of height 18 cm, having a square base and a lateral surface area of 864 cm². If the container was partially filled with water before the cube was submerged, find the rise in the water level after the cube is submerged. (Round your answer to the nearest integer.)

Ans A) 6 cm B) 7 cm C) 4 cm D) 5 cm

Correct Answer: D

Q.23 Under the Citizenship Act, 1955, which section governs the grant of citizenship when a new territory becomes part of India?

Ans A) Section 5 B) Section 6 C) Section 7 D) Section 9

Correct Answer: C

Q.24 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, a certain mathematical operation 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 question? (NOTE – A two/three-digit number cannot be broken into individual digits for operations. E.g. if 37 is followed by 10, the operation cannot be 3+7 as a two-digit number cannot be broken into individual digits.)

157 – 162 – 172 – 86
93 – 98 – 108 – 54

Ans A) 98 – 103 – 113 – 133 B) 112 – 116 – 126 – 63 C) 185 – 190 – 200 – 100 D) 65 – 70 – 80 – 160

Correct Answer: C

Q.25 A is the wife of B. B is the father of C. D is the brother of C. E is the son of D. How is A related to E?

Ans A) Father's mother B) Mother's mother C) Husband's wife D) Mother

Correct Answer: A

Q.26 Which of the following athletes clinched the women's 100m hurdles gold at the World Athletics Championships Tokyo 2025 on 15 September?

Ans A) Ditaji Kambundji B) Grace Stark C) Masai Russell D) Tobi Amusan

Correct Answer: A

Q.27 Refer to the following letter, symbol series and answer the question. Counting to be done from left to right only.

(Left) O N & # K € S * P # £ * G I & * @ I A * @ © (Right)

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

Ans A) 5 B) 4 C) 3 D) 2

Correct Answer: C

Q.28 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 :: ?

: NMH :: VUP : %

Ans A) # = SVC % = OIK B) # = IBM % = QKL C) # = SRO % = ZPK D) # = SRM % = QPK

Correct Answer: D

Q.29 The ratio of three numbers is 3 : 5 : 7. If the sum of the largest and smallest numbers is 60, what is the sum of all the three numbers?

Ans A) 90 B) 70 C) 100 D) 120

Correct Answer: A

Q.30 If $\cot A = 3/4$, and A is an acute angle, then find the value of $\sin 2A - \cos 3A$.

Ans A) $3/125$

B) $141/125$

C) $237/125$

D) $273/125$

Correct Answer: C

Q.31 In a certain code language, 'ROAD' is coded as '9416' and 'DORM' is coded as '3691'. What is the code for 'M' in the given code language?

Ans A) 6

B) 3

C) 1

D) 9

Correct Answer: B

Q.32 If a 7-digit number 54468A0 is completely divisible by 4, what is the minimum value of A?

Ans A) 3

B) 2

C) 0

D) 5

Correct Answer: C

Q.33 Which 2025 event by the United Nations highlights that member states continue to ratify a variety of multilateral treaties across human rights, the environment, penal law, and the law of the sea, among others?

Ans A) Paris Climate Summit

B) 2025 Treaty Event

C) UN Biodiversity Summit

D) UN Ocean Conference

Correct Answer: B

Q.34 If 1 is added to each odd digit and 1 is subtracted from each even digit in the number 21673458, what will be the product of the greatest and smallest digit in the new number thus formed?

Ans A) 0

B) 9

C) 8

D) 16

Correct Answer: C

Q.35 Evaluate: $(-9) - (-56) \div (-14) + (-3) \times 8$

Ans A) -40

B) -36

C) -39

D) -37

Correct Answer: D

Q.36 In a certain code language,
A @ B means 'A is the son of B',
A # B means 'A is the sister of B',
A + B means 'A is the wife of B' and
A % B means 'A is the father of B'.

Based on the above, how is E related to B if 'E % R # D + N @ B'?

Ans A) Wife's brother

B) Wife's father

C) Son's wife's father

D) Son's wife's brother

Correct Answer: C

Q.37 Which of the following objectives is mentioned in Article 39 of the Indian Constitution?

Ans A) To organise agriculture and animal husbandry

B) To ensure equal justice and provide free legal aid

C) To promote equal pay for equal work for both men and women

D) To organise village panchayats

Correct Answer: C

Q.38 What should come in place of '?' in the given series?

64 62 59 54 47 ?

Ans A) 34

B) 32

C) 38

D) 36

Correct Answer: D

Q.39 In this question, a question is followed by two statements numbered (I) and (II). You have to decide whether the data provided in the statements is sufficient to answer the question. Read both the statements and decide the appropriate answer.
A, B, C, D, E and F are sitting around a circular table, facing the centre. Who sits to the immediate right of C?

(I) D sits to the immediate left of F. C is the immediate neighbour of A and E.

(II) B sits second to the left of F. C sits second to the right of F.

Ans A) Both statements I and II together are not sufficient to answer the question.

B) Data in Statement II alone is sufficient to answer the question while data in statement I is not.

C) Data in Statement I alone is sufficient to answer the question while data in statement II is not.

D) Both statements I and II together (and not statement I alone or statement II alone) are sufficient to answer the question.

Correct Answer: A

Q.40 There are 12 members in group A, 73 members in group B and 80 members in group C. All the members of these groups went to a restaurant. The average amounts spent on each member of groups A, B and C are ₹184, ₹234 and ₹390, respectively. The overall average amount (in ₹) spent per member is:

Ans A) 305

B) 306

C) 311

D) 308

Correct Answer: B

Q.41 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.
Only two people have exams before Q. Only three people have exams after V. Only three people have exams between S and Q. P has the exam immediately before T but not on Monday. R does not have the exam on Tuesday.
How many people have exams between R and T?

Ans A) Three B) Two C) Four D) One **Correct Answer: C**

Q.42 Which name is given to the southern stretch of the western coastal plain of India?

Ans A) Konkan Coast B) Malabar coast C) Coromandel Coast D) Kannad Coast **Correct Answer: B**

Q.43 In a certain code language, 'WAND' is coded as '1846' and 'GNAW' is coded as '4165'.
What is the code for 'G' in that language?

Ans A) 6 B) 5 C) 1 D) 4 **Correct Answer: B**

Q.44 Which mission, announced in August 2025, aims to provide India with a multi-layered indigenous air and missile defence system?

Ans A) Mission Shakti B) Agni Defence Initiative C) Mission Sudarshan Chakra D) Integrated Air Defence Mission **Correct Answer: C**

Q.45 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 :: ?

: NQW :: LOU : %

Ans A) # = KKQ, % = RUA B) # = HKQ, % = RUL C) # = HKQ, % = RUA D) # = HKQ, % = RUO **Correct Answer: C**

Q.46 A file is selected on the desktop. Pressing the Delete key will mainly:

Ans A) Remove the file B) Rename the file C) Open the file D) Copy the file **Correct Answer: A**

Q.47 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some ants are lizards.
All lizards are spiders.
No spider is a rat.

Conclusions:

(I) Some rats are lizards.
(II) Some spiders are ants.

Ans A) Only conclusion (II) follows B) Neither conclusion (I) nor (II) follows C) Both conclusions (I) and (II) follow D) Only conclusion (I) follows

Correct Answer: A

Q.48 If α is a root of the equation $2x(2x + 1) = 1$, then the other root is:

Ans A) $-\alpha(\alpha + 1)$ B) $2\alpha(\alpha - 1)$ C) $-\frac{1}{4\alpha}$ D) $3\alpha(\alpha + 1)$ **Correct Answer: C**

Q.49 Which of the following is a significant component of the Harappan citadel?

Ans A) Grand palaces B) The Great Bath C) Dwelling houses D) Huge temples **Correct Answer: B**

Q.50 Under which of the following categories do headphones fall?

Ans A) Output Device B) Calculator Device C) Input Device D) Storage Device **Correct Answer: A**

Q.51 Which substance is the primary component of the reddish-brown coating formed on iron articles exposed to moist air?

Ans A) Iron Sulfate (FeSO₄) B) Iron (II) Oxide (FeO) C) Iron (III) Hydroxide (Fe(OH)₃) D) Hydrated Iron (III) Oxide (Fe₂O₃·xH₂O)

Correct Answer: D

Q.52 Seven people B, C, D, O, P, Q and R are sitting around a circular table facing the center of the table. P sits third to the left of Q. Only one person sits between Q and B when counted from the right of Q. Only two people sit between O and C when counted from the left of O. D is an immediate neighbor of O. Who sits third to the right of R?

Ans A) D B) P C) C D) O **Correct Answer: B**

Q.53 Which law of Mendel explains the separation of alleles during gamete formation?

Ans A) Law of Dominance B) Law of Assortment C) Law of Segregation D) Law of Variation **Correct Answer: C**

Q.54 In an election between two candidates, 84% of the registered voters cast their votes and 20% of the votes polled were found invalid. Winning candidate got 58% of the valid votes and won the election by a margin of 336 votes. How many voters were registered?

Ans A) 3125 B) 3123 C) 3120 D) 3124 **Correct Answer: A**

Q.55 Who was exiled to Rangoon after the First War of Independence in India?

Ans A) Ahmadullah Shah B) Nana Sahib C) Bahadur Shah Zafar D) Rani Lakshmbai **Correct Answer: C**

Q.56 The product of two numbers, X and Y, is 6760, and the HCF of X and Y is 13. Find the number of possible pairs (X,Y), given that X>Y.

Ans A) 1 B) 2 C) 4 D) 3 **Correct Answer: B**

Q.57 Manan starts from Point A and drives 42 km towards South. He then takes a left turn, drives 40 km, turns left and drives 54 km. He then takes a left turn and drives 48 km. He takes a final left turn, drives 12 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 A) 8 km to the east B) 7 km to the east C) 6 km to the west D) 5 km to the west **Correct Answer: A**

Q.58 What should come in place of '?' in the given series?

19 20 28 55 119 ?

Ans A) 144 B) 142 C) 244 D) 245 **Correct Answer: C**

Q.59 TN 13 is related to WR 16 in a certain way. In the same way, KE 18 is related to NI 21. To which of the following is VP 26 related, following the same logic?

Ans A) XU 28 B) YV 29 C) YT 29 D) XY 28 **Correct Answer: C**

Q.60 Seven boxes A, B, C, D, E, F and G are kept one over the other but not necessarily in the same order. Only two boxes are kept below A. Only two boxes are kept between E and A. F is kept immediately above B. D is kept above G but below A.

How many boxes are kept below C but above B?

Ans A) Five B) Three C) Two D) Four **Correct Answer: C**

Q.61 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

PMO 51 SPR 46 VSU 41 YVX 36 ?

Ans A) BZZ 31 B) BJS 30 C) BXZ 30 D) BYA 31 **Correct Answer: D**

Q.62 ₹7770 is divided among A, B, C, and D in such a way that the shares of A and B, B and C, and C and D are in the ratios of 2 : 3, 4 : 5, and 6 : 7, respectively. The share of A (in ₹) is:

Ans A) 1224 B) 1184 C) 1154 D) 1124 **Correct Answer: B**

Q.63 Which three countries formed the ACITI Partnership announced in November 2025?

Ans A) India, UK, Australia B) Australia, Japan, Canada C) India, Australia, Canada D) Canada, USA, India **Correct Answer: C**

Q.64 With reference to the 93rd anniversary celebrations of the Indian Air Force (IAF) in 2025, where was the main ceremonial parade held?

Ans A) Guwahati B) Bengaluru (HAL Complex) C) Air Force Station Hindan, Ghaziabad D) Delhi Cantonment

Correct Answer: C

Q.65 Which of the following is an example of Customized Software?

Ans A) LibreOffice Calc B) Mozilla Firefox Application C) Adobe Photoshop Software D) School Management Software

Correct Answer: D

Q.66 According to early Buddhist literature, how many gāmas (villages) were said to exist in the kingdom of Magadha during the reign of King Bimbisāra?

Ans A) 1,00,000 B) 60,000 C) 80,000 D) 40,000

Correct Answer: C

Q.67 How do Centre-State financial relations impact the governance in India?

Ans A) By eliminating the need for state budgets B) By centralizing all tax revenues at the Centre
C) By providing states with unlimited financial resources D) Through mechanisms like the Finance Commission that allocate resources

Correct Answer: D

Q.68 Which constitutional amendment to the Indian Constitution added the term 'Socialist' to the Preamble?

Ans A) 42nd Amendment, 1976 B) 1st Amendment, 1951 C) 44th Amendment, 1978 D) 26th Amendment, 1971

Correct Answer: A

Q.69 Which of the following principle was most emphasized by Bal Gangadhar Tilak during the Extremist Phase?

Ans A) Support for communal representation B) Swaraj as the birthright of every Indian C) Exclusive focus on economic reforms
D) Complete armed revolution against the British

Correct Answer: B

Q.70 Barren Island, which witnessed two eruptions in 2025, is situated in which Union Territory of India?

Ans A) Lakshadweep B) Puducherry C) Andaman & Nicobar Islands D) Dadra & Nagar Haveli and Daman & Diu

Correct Answer: C

Q.71 This question is based on the five, three-digit numbers given below.

(Left) 194 582 419 149 825 (Right)

(Example- 697 – First digit = 6, second digit = 9 and third digit = 7)

What will be the resultant if the third digit of the highest number is added to the second digit of the lowest number?

Ans A) 9 B) 8 C) 6 D) 12

Correct Answer: A

Q.72 A and B start running on a circular track of length 900 m. A runs at 225 m/min and B at 180 m/min. Every time A overtakes B, both reduce their speeds by 5% of their then speeds before continuing. After how many minutes (correct to two decimal places) does A overtake B for the 3rd time?

Ans A) 62.11 min B) 64.41 min C) 64.21 min D) 63.21 min

Correct Answer: D

Q.73 Which of the following States/Union Territories shares a border with Afghanistan?

Ans A) Ladakh B) Rajasthan C) Jammu and Kashmir D) Punjab

Correct Answer: A

Q.74 Why did the share of workers in the rural agriculture sector increase during July–September 2025?

Ans A) Due to urban migration B) Due to Kharif agricultural operations C) Because of new government schemes
D) Because of a decline in manufacturing jobs

Correct Answer: B

Q.75 What is the average of all the natural numbers from 1 to 63?

Ans A) 31.5 B) 32.5 C) 32 D) 33

Correct Answer: C

Q.76 As of February 1, 2025, what percentage of rural households in India had been provided tap water connections under the Jal Jeevan Mission?

Ans A) 69.34% B) 79.74% C) 84.15% D) 92.67%

Correct Answer: B

Q.77 Which of the following statements is true about the role of Cabinet Ministers in India?

- Ans A) They head important ministries like Home, Defence, and Finance. B) They only assist other ministers in their duties.
C) They do not attend Cabinet meetings. D) They are not involved in policy decisions.

Correct Answer: A

Q.78 If 1 is added to each odd digit and 2 is subtracted from each even digit in the number 4813576, what will be the difference between the highest and the lowest digits in the number thus formed?

- Ans A) 7 B) 8 C) 5 D) 6

Correct Answer: D

Q.79 Seven boxes A, C, G, H, J, N and R are kept one over the other but not necessarily in the same order. Only three boxes are kept below N. Only two boxes are kept between N and J. Only G is kept immediately above H. C is kept at some place below R and at some place above A. How many boxes are kept above C?

- Ans A) 3 B) 2 C) 4 D) 1

Correct Answer: C

Q.80 As per Article _____ of the Indian Constitution, from the date of commencement of the Constitution (Sixty-ninth Amendment) Act, 1991, the Union territory of Delhi shall be called the National Capital Territory of Delhi.

- Ans A) 239AC B) 239AD C) 239AB D) 239AA

Correct Answer: D

Q.81 Which of the following factors causes Ooty to have cooler summers than Coimbatore, even though both are located at nearly the same latitude?

- Ans A) Ooty is influenced by cold desert winds from the north B) Coimbatore receives less solar radiation during the year
C) Ooty is located closer to the sea, while Coimbatore is inland D) Ooty is situated at a higher altitude, leading to lower temperatures

Correct Answer: D

Q.82 Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

EGE 85 DFD 90 CEC 95 BDB 100 ?

- Ans A) ABZ 104 B) ABD 104 C) ADZ 105 D) ACA 105

Correct Answer: D

Q.83 The population of a village was 2,90,000. It increased by 10% in the first year and increased by 20% in the second year. Its population after two years is _____.

- Ans A) 3,19,000 B) 3,48,000 C) 3,82,800 D) 3,77,000

Correct Answer: C

Q.84 During recession, which type of Fiscal Policy should be used?

- Ans A) Stable Fiscal Policy B) Expansionary Fiscal Policy C) Contractionary Fiscal Policy D) Neutral Fiscal Policy

Correct Answer: B

Q.85 Which U.S. state experiences a Mediterranean climate that supports the cultivation of fruits, vegetables, and vineyards?

- Ans A) California B) Florida C) Texas D) Alaska

Correct Answer: A

Q.86 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All oranges are apples. No apple is a banana. No banana is a kiwi.

Conclusions:

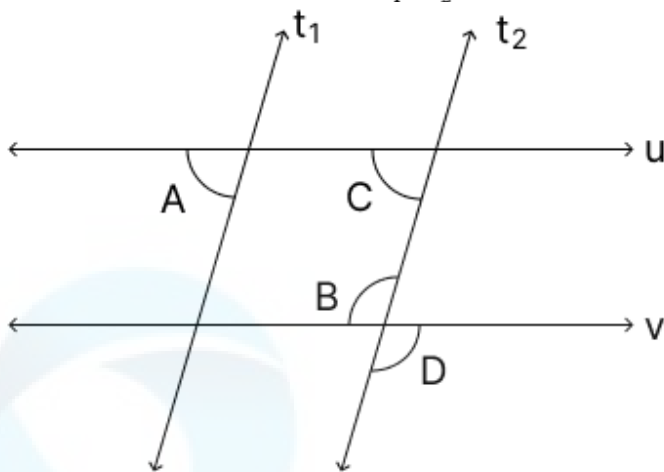
(I) No orange is a banana.

(II) No apple is a kiwi.

- Ans A) Both conclusions (I) and (II) follow B) Neither conclusion (I) nor (II) follows C) Only conclusion (I) follows D) Only conclusion (II) follows

Correct Answer: C

Q.87 In the given figure, if $u \parallel v$, $t_1 \parallel t_2$ and $\angle A = 92^\circ$, find $\angle D$.



Ans A) 88o

B) 82o

C) 78o

D) 92o

Correct Answer: A

Q.88 A shopkeeper professes to sell his goods at a 25% loss but uses a false balance and gains 70%. The actual weight (rounded off to one decimal place) that he uses instead of 1 kg is:

Ans A) 443.3 gm

B) 441.2 gm

C) 438.1 gm

D) 436.4 gm

Correct Answer: B

Q.89 Who is the author of the historical work 'Rajatarangini', which records the history of Kashmir?

Ans A) Bana

B) Bilhana

C) Kalhana

D) Kalidasa

Correct Answer: C

Q.90 Below are given two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Similarly, a certain mathematical operation 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 question? (NOTE – A two/three-digit number cannot be broken into individual digits for operations. E.g. if 37 is followed by 10, the operation cannot be $3+7$ as a two-digit number cannot be broken into individual digits.)

15 – 225 – 235 – 195
9 – 81 – 91 – 51

Ans A) 10 – 100 – 110 – 90

B) 8 – 64 – 74 – 104

C) 18 – 324 – 334 – 294

D) 16 – 256 – 276 – 246

Correct Answer: C

Q.91 Two taps can fill a cistern in 4 hours and 27 hours respectively. A third tap can empty it in 27 hours. How long (in hours) will it take to fill one-fourth of the empty cistern, if all of them are opened together?

Ans A) 4

B) 2

C) 1

D) 3

Correct Answer: C

Q.92 Free fall corresponds to which type of motion?

Ans A) Non-uniform motion

B) Uniform motion

C) Uniformly accelerated motion

D) Periodic motion

Correct Answer: C

Q.93 The waves which can propagate in gases are:

Ans A) Transverse Waves

B) Gravity Waves

C) Longitudinal Waves

D) Stationary Waves

Correct Answer: C

Q.94 The median for the following frequency distribution is:

x 12 3 4 5 6 7 8 9
f 8 10 11 16 20 25 15 9 6

Ans A) 6

B) 8

C) 4

D) 5

Correct Answer: D

Q.95 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 one that does not belong to that group? (Note: The odd man out is not based on the number of consonants/vowels or their position in the letter cluster)

Ans A) JL-MO

B) BD-EH

C) NP-QS

D) LN-OQ

Correct Answer: B

Q.96 Which of the following regions was one of the major sources for copper for the Harappan civilisation?

Ans A) Afghanistan B) Maharashtra C) Rajasthan D) Bihar

Correct Answer: C

Q.97 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 one that does not belong to that group? (Note: The odd man out is not based on the number of consonants/vowels or their position in the letter cluster)

Ans A) DF-GJ B) PR-SU C) HJ-KM D) MO-PR

Correct Answer: A

Q.98 A man sold an article for ₹132 by first giving a $d\%$ discount on its marked price, and then another discount having the same nominal value (in ₹). If the marked price of the article is ₹880, then what is the value of d ?

Ans A) 42.5 B) 46 C) 39.5 D) 37.3

Correct Answer: A

Q.99 A, B, C, D, E, F and G are sitting around a circular table facing the centre. D sits to the immediate right of A. Only three people sit between D and G when counted from the left of D. Only three people sit between A and F when counted from the right of F. E sits to the immediate right of B. How many people sit between D and E when counted from the right of D?

Ans A) 3 B) 2 C) 1 D) 4

Correct Answer: D

Q.100 If $a : b : c = 3 : 4 : 5$ and $2a - 3b + 4c = 56$, then the value of c is:

Ans A) **20** B) **22** C) **21** D) **24**

Correct Answer: A