



## रेल भर्ती बोर्ड / RAILWAY RECRUITMENT BOARDS

सी ई एन आर पी एफ - ०२/२०२४ - CEN RPF - 02/2024



Exam Date	05/03/2025
Centre Name	TCS Gito Bitan
Exam Time	12:30 PM - 2:00 PM

\* 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 : Arithmetic

**Q.1** Vijay can do a piece of work in 4 hours. Ajay can do it in 28 hours. With the assistance of Amit, they completed the work in 3 hours. In how many hours can Amit alone do it?

Ans  1. 23  
 2. 20  
 3. 21  
 4. 22

**Q.2** A person can complete a journey in 9 hours. He covers the first one-third part of the journey at the rate of 35 km/h and the remaining distance at the rate of 28 km/h. What is the total distance (in km) of his journey?

Ans  1. 268  
 2. 275  
 3. 270  
 4. 277

**Q.3** If 18 , 36 , 14 , and y are in proportion, then the value of y is:

Ans  1. 36  
 2. 19  
 3. 28  
 4. 34

**Q.4** The value of  $\frac{(2023)^{2024} + (2023)^{2023} + 2024}{(2023)^{2023} + 1}$  is:

Ans  1. 2023  
 2. 2025  
 3. 2024  
 4. 4047

**Q.5** Find the value of K for which the five-digit number 68K52 is divisible by 13.

Ans  1. 9  
 2. 5  
 3. 8  
 4. 3

**Q.6** A shopkeeper marks up an item by 25% above its cost price. If the cost price of the item is ₹500, what is the marked price (in ₹)?

Ans  1. 655  
 2. 625  
 3. 650  
 4. 512.5

**Q.7** Prakash and Vinesh can complete a certain piece of work in 10 and 8 days, respectively. They started to work together, and after 3 days, Vinesh left. In how many days will Prakash complete the remaining work?

Ans  1.  $\frac{131}{41}$   
 2.  $\frac{130}{40}$   
 3.  $\frac{133}{40}$   
 4.  $\frac{130}{42}$

**Q.8** In a class the average marks obtained in a science test by a group of 12 students is 70, by another group of 15 students is 85 and that by another group of 18 students is 90. Find the average marks of all the students.

Ans  1. 84.5  
 2. 82.5  
 3. 83  
 4. 86

**Q.9** A bus travelling at 80 km/h completes a journey in 14 hours. At what speed will it have to cover the same distance in 20 hours?

Ans  1. 53 km/h  
 2. 51 km/h  
 3. 56 km/h  
 4. 48 km/h

**Q.10** The length of one side of a regular hexagon is 4 cm. The area (in  $\text{cm}^2$ ) of the hexagon is:

Ans  1.  $36.14 \text{ cm}^2$   
 2.  $26\sqrt{5} \text{ cm}^2$   
 3.  $24\sqrt{3} \text{ cm}^2$   
 4.  $32\sqrt{3} \text{ cm}^2$

**Q.11** After a 20% hike, the cost of a dining cloth is ₹1,740. What was the original price of the cloth?

Ans  1. ₹1,410  
 2. ₹1,450  
 3. ₹1,500  
 4. ₹1,530

Q.12 Evaluate:  $2 \times \{17 - 3 \times (9 - 5)\}$

Ans  1. 14  
 2. 9  
 3. 10  
 4. 7

Q.13 A sum, when invested at 10% simple interest per annum, amounts to ₹2400 after 2 years. What is the simple interest (in ₹) on the same sum at the same rate of interest in 2 years?

Ans  1. 400  
 2. 200  
 3. 1600  
 4. 800

Q.14 Find the compound interest on an amount of ₹24,000 after three years, when compounded annually at the rate of 15% per annum.

Ans  1. ₹12,905  
 2. ₹12,501  
 3. ₹11,901  
 4. ₹11,250

Q.15 A bank gives 12% per annum interest on an account. If the interest is compounded half-yearly, then \_\_\_\_\_ of the principal would have been earned more in a year as interest on the account.

Ans  1. 0.36%  
 2. 3.6%  
 3. 0.18%  
 4. 1.8%

Q.16 Evaluate:

$$\sqrt{76 + \sqrt{(21 + \sqrt{9 + \sqrt{40 + \sqrt{81}}})}}$$

Ans  1. 9  
 2. 11  
 3. 12  
 4. 8

Q.17 Find the value of  $\left(\frac{1}{4}\right)^{-2} + \left(\frac{1}{8}\right)^{-2} + \left(\frac{1}{5}\right)^{-2}$ .

Ans  1. 105  
 2. 101  
 3. 113  
 4. 111

**Q.18** An amount of ₹351 is divided among three persons in the ratio of 4 : 11 : 3. The difference between the largest and the smallest shares (in ₹) in the distribution is:

Ans  1. 240  
 2. 124  
 3. 156  
 4. 228

**Q.19** Two inlet pipes A and B can fill a cistern in 30 minutes and 36 minutes, respectively. Initially, only A is opened for 10 minutes. After 10 minutes, A is closed and B is opened. In how much time (in minutes) will the inlet pipe B fill the remaining part of the cistern?

Ans  1. 22  
 2. 26  
 3. 24  
 4. 20

**Q.20** Four chimes ring simultaneously at 5:30 a.m. After that, they ring at the intervals of 15 seconds, 20 seconds, 25 seconds and 30 seconds, respectively. How many times will these chimes ring together till 8:15 a.m., including at 5:30 a.m.?

Ans  1. 32  
 2. 34  
 3. 31  
 4. 33

**Q.21** In a race, an athlete covers a distance of 300 m in 50 sec in the first lap. He covers the second lap of the same length in 150 sec. What is the average speed (in m/sec) of the athlete?

Ans  1. 1.12  
 2. 3  
 3. 11  
 4. 8

**Q.22** The sum of 8 numbers is 864. Find their average.

Ans  1. 106  
 2. 108  
 3. 107  
 4. 109

**Q.23** The sum of five numbers is 655. The average of the first two numbers is 77 and the third number is 134. Find the average of the remaining two numbers?

Ans  1. 211  
 2. 184.5  
 3. 212  
 4. 183.5

**Q.24** The difference between a number increased by 17% and the same number decreased by 18% is 28. Find the number.

Ans  1. 0.8  
 2. 476  
 3. 80  
 4. 4.76

**Q.25** The average weight of 7 persons increases by 3 kg when a new person comes in place of one of them weighing 56 kg. What might be the weight of the new person?

Ans  1. 66 kg  
 2. 77 kg  
 3. 59 kg  
 4. 71 kg

**Q.26** A 280 m long train overtakes a man moving at a speed of 5 km/h (in same direction) in 42 seconds. How much time (in seconds) will it take this train to completely cross another 500 m long train, moving in the opposite direction at a speed of 43 km/h?

Ans  1. 52  
 2. 34  
 3. 39  
 4. 38

**Q.27** A number when increased by 40 %, gives 3500. The number is:

Ans  1. 7500  
 2. 1250  
 3. 5000  
 4. 2500

**Q.28** The radius of the base of a solid cone is 21 cm and its height is 9 cm. What is the volume of the cone?

Ans  1.  $1980 \text{ cm}^3$   
 2.  $5940 \text{ cm}^3$   
 3.  $4158 \text{ cm}^3$   
 4.  $1386 \text{ cm}^3$

**Q.29** What is the difference in the amounts between two schemes of discount, the first one being a discount of 20%, and the second one, 2 successive discounts of 15% and 5%, both given on shopping of ₹5,050?

Ans  1. ₹975.75  
 2. ₹1,010  
 3. ₹37.875  
 4. ₹97.225

**Q.30** Simplify:  $\frac{6}{10} - \left( 0.6 \div \frac{10}{3} \text{ of } 0.6 + 7 - 10 \div 5 \right) - 0.3$

Ans  1. -5  
 2. 1  
 3. 0  
 4. 0.6

**Q.31** A person bought a watch for ₹800 and sold it for ₹600. What is the loss percentage?

Ans  1. 30%  
 2. 25%  
 3. 10%  
 4. 20%

**Q.32** If the radius of the base of a right circular cylinder is decreased by 46% and its height is increased by 270%, then what is the percentage increase (closest integer) in its volume?

Ans  1. 8%  
 2. 28%  
 3. 22%  
 4. 19%

**Q.33** A person sold 20 dining tables for ₹5,39,000; thereby gaining the cost price of five dining tables. Find the cost price of each dining table.

Ans  1. ₹26,950  
 2. ₹25,000  
 3. ₹21,560  
 4. ₹27,855

**Q.34** The average of first 110 even numbers is

Ans  1. 111.5  
 2. 112  
 3. 110.5  
 4. 111

**Q.35** What is the greatest number which, when it divides 2987, 3755 and 4331, leaves a remainder of 11 in each case?

Ans  1. 92  
 2. 94  
 3. 90  
 4. 96

#### Section : General Intelligence and Reasoning

**Q.36** MIKL is related to RNPQ in a certain way based on the English alphabetical order. In the same way, PLNO is related to UQST. To which of the following is TPRS related, following the same logic?

Ans  1. UYXW  
 2. YUWX  
 3. UYWX  
 4. YUXW

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

(Left) 574 941 523 971 563 (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 second highest number is added to the third digit of the second lowest number?

Ans  1. 4  
 2. 3  
 3. 9  
 4. 7

**Q.38** Suresh starts from Point Z and drives 8 km towards west. Then, he takes a right turn, drives 4 km, again takes a right turn and drives 12 km. Then, he turns left and drives 5 km. Then, he turns left again and drives 6 km; again he takes a left turn and drives 15 km. Then, again he takes a left turn, drives 2 km and stops at Point N. How far (shortest distance) and towards which direction should he drive in order to reach Point Z again?

Ans  1. 9 km towards North  
 2. 6 km towards North  
 3. 6 km towards South  
 4. 10 km towards North

**Q.39** 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:

Some mobiles are tablets.  
Some tablets are laptops.  
All laptops are cameras.

Conclusions:

(I) Some cameras are tablets.  
(II) All laptops are mobiles.

Ans  1. Only conclusion (I) follows.  
 2. Only conclusion (II) follows.  
 3. Both conclusions (I) and (II) follow.  
 4. Neither conclusion (I) nor (II) follows.

**Q.40** What should come in place of the question mark (?) in the given series?

8 14 24 47 74 114 ?

Ans  1. 145  
 2. 158  
 3. 185  
 4. 154

**Q.41** What will come in place of the question mark (?) in the following equation if ‘-’ and ‘÷’ are interchanged and ‘+’ and ‘×’ are interchanged?

$$17 \times 22 \div 11 \div 28 - 14 + 3 = ?$$

Ans  1. 14  
 2. 22  
 3. 17  
 4. 7

**Q.42** What should come in place of ‘?’ in the given series?

35, 8, 43, 47, 11, 58, 59, 14, ?

Ans  1. 73  
 2. 71  
 3. 70  
 4. 17

**Q.43** Hari starts from Point A and drives 3 km towards the south. He then takes a left turn, drives 9 km, turns left and drives 8 km. He then takes a left turn and drives 10 km. He takes a final left turn, drives 5 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. 2 km to the east  
 2. 3 km to the west  
 3. 4 km to the west  
 4. 1 km to the east

**Q.44** In a certain code language,  
 $A + B$  means 'A is the brother of B'  
 $A ? B$  means 'A is the father of B'  
 $A \sim B$  means 'A is the daughter of B'  
 $A \times B$  means 'A is the wife of B'  
Based on the above, how is L related to S if 'L ? I \times M + E \sim S'?

Ans  1. Son's wife's father  
 2. Son's wife's sister  
 3. Son's sister's mother  
 4. Son's mother's mother

**Q.45** What will come in place of the question mark (?) in the following equation if '−' and '+' are interchanged and '÷' and '×' are interchanged?

$$(13 \div 13 + 13) \times (10 - 3) = ?$$

Ans  1. 98  
 2. 13  
 3. 12  
 4. 26

**Q.46** Six people M, A, T, E, R, and S are sitting around a circular table facing the centre. S sits to the immediate left of T. Only M sits between S and A. R sits to the immediate right of T. Who sits second to the left of E?

Ans  1. S  
 2. A  
 3. E  
 4. T

**Q.47** A, B, C, D, E, F and G are sitting around a circular table, facing the centre. G sits third to the left of C. A sits second to the left of G. F sits to the immediate right of E. D sits to the immediate right of A.

How many people sit between B and C when counted from the left of C?

Ans  1. Two  
 2. Five  
 3. Three  
 4. Four

**Q.48** Select the pair that follows the same pattern as that followed by the two pairs given below. Both pairs follow the same pattern.

JWD : KXD  
FVQ : GWQ

Ans  1. TCS : UDT  
 2. DMN : FON  
 3. HLO : IMO  
 4. GXT : HWT

**Q.49** In a certain code language,  
A + B means 'A is the mother of B'  
A - B means 'A is the father of B'  
A X B means 'A is the sister of B'  
A / B means 'A is the brother of B'  
A > B means 'A is the husband of B'  
A \* B means 'A is the wife of B'

How is M related to O if M / J - O X T + L?

Ans  1. Father's father  
 2. Father's brother  
 3. Son  
 4. Father

**Q.50** Which of the following letter number-clusters will replace the question mark (?) in the given series to make it logically complete?

JO37 KP44 LQ51 MR58 ?

Ans  1. NS65  
 2. NS64  
 3. NR65  
 4. NR64

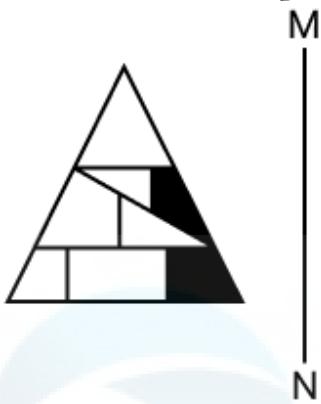
**Q.51** FBT is related to IEW in a certain way based on the English alphabetical order. In the same way, HUP is related to KXS. To which of the following is ISD related, following the same logic?

Ans  1. LVG  
 2. MUG  
 3. MUH  
 4. LVH

**Q.52** In a certain code language, 'CRIME' is coded as '15432' and 'CROME' is coded as '13942'. What is the code for 'I' in the given code language?

Ans  1. 9  
 2. 5  
 3. 4  
 4. 3

Q.53 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



Ans

- 1.
- 2.
- 3.
- 4.

Q.54 In a certain code language, 'WISE' is coded as '4268' and 'SOUP' is coded as '3879'. What is the code for 'S' in the given code language?

Ans

- 1. 7
- 2. 2
- 3. 3
- 4. 8

**Q.55** 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 rocks are pens.  
Some flowers are rocks.  
All trees are flowers.

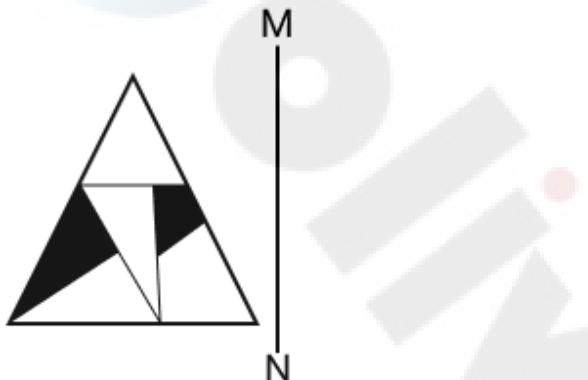
**Conclusions:**

(I) Some trees are rocks.  
(II) Some pens are flowers.

**Ans**

- 1. Only conclusion (II) follows.
- 2. Neither conclusion (I) nor (II) follows.
- 3. Only conclusion (I) follows.
- 4. Both conclusions (I) and (II) follow.

**Q.56** Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



**Ans**

- 1.
- 2.
- 3.
- 4.

**Q.57** Which of the following letter-number clusters will replace the question mark (?) in the given series to make it logically complete?

RAB 20, TCD 22, VEF 24, XGH 26, ?

Ans  1. YIJ 28  
 2. YIJ 26  
 3. ZIJ 28  
 4. ZJI 26

**Q.58** Each of P, Q, R, S, T, U and V has an exam on a different day of the week starting from Monday and ending on Sunday of the same week. Q answers the exam immediately before T. T answers the exam immediately before P. P answers an exam on Wednesday. R does not answer the exam on Saturday or Sunday. U answers the exam on Friday. S answers the exam immediately after U. Who answers the exam on Sunday?

Ans  1. U  
 2. V  
 3. T  
 4. Q

**Q.59** Seven friends C, D, E, P, Q, R and S are sitting around a circular table facing the centre of the table. S sits third to the left of Q. C sits second to the right of R. Only Q sits between E and R. P is not an immediate neighbour of S. Who sits second to the right of D?

Ans  1. C  
 2. Q  
 3. P  
 4. R

**Q.60** Which of the following terms will replace the question mark (?) in the given series to make it logically complete?

FMD -2 HOH -4 JQL -8 LSP -16 ?

Ans  1. NUS -34  
 2. NUT -32  
 3. NVS -34  
 4. MUS -32

**Q.61** What should come in place of the question mark (?) in the given series?

250 210 175 145 120 ?

Ans  1. 80  
 2. 100  
 3. 110  
 4. 90

**Q.62** Three of the following four letter-clusters are alike in a certain way and thus form a group. Which is the letter-cluster that does NOT belong to that group?  
(Note: The odd one out is not based on the number of consonants/vowels or their positions in the letter-cluster.)

Ans  1. LAP  
 2. APE  
 3. SWH  
 4. CRG

**Q.63** 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. MLK  
 2. SRQ  
 3. EDB  
 4. XWV

**Q.64** 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.)

19 - 4 - 23

59 - 7 - 66

Ans  1. 13 - 8 - 23  
 2. 15 - 12 - 17  
 3. 32 - 9 - 51  
 4. 17 - 24 - 41

**Q.65** In a certain code language, 'who was it' is coded as 'pb tk jk' and 'was he present' is coded as 'jo mt pb'. How is 'was' coded in the given language?

Ans  1. pb  
 2. mt  
 3. tk  
 4. jo

**Q.66** Which two signs should be interchanged to make the following equation correct?

$$54 + 6 \times 2 \div 6 - 5 = 19$$

Ans  1. + and  $\div$   
 2.  $\div$  and  $-$   
 3. + and  $-$   
 4. + and  $\times$

**Q.67** This question is based on the five, three-digit numbers given below.

(Left) 271 415 612 872 547 (Right)

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

(NOTE: All operations to be done from left to right.)

If all the numbers are arranged in descending order, the position(s) of how many numbers will remain unchanged?

Ans  1. 3  
 2. 1  
 3. 2  
 4. 0

**Q.68** 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 mints are papers.  
All papers are stones.  
All stones are cutters.

**Conclusions:**

(I) : All mints are cutters.  
(II) : Some cutters are papers.

**Ans**

- 1. Only conclusion (I) follows
- 2. Both conclusions (I) and (II) follow
- 3. Neither conclusion (I) nor (II) follows
- 4. Only conclusion (II) follows

**Q.69** This question is based on the five, three-digit numbers given below.

(Left) 135 746 328 245 679 (Right)

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

If 2 is added to the first digit of every number, in how many numbers will the first digit be exactly divisible by the second digit?

**Ans**

- 1. One
- 2. None
- 3. Two
- 4. Three

**Q.70** All 41 people are standing in a row facing North. Nimita is 11<sup>th</sup> from the left end while Shivani is 19<sup>th</sup> from the right end. How many people are there between Nimita and Shivani?

**Ans**

- 1. 10
- 2. 13
- 3. 12
- 4. 11

#### Section : General Awareness

**Q.71** Which of these religious literature was NOT written by Goswami Tulsidas?

**Ans**

- 1. Vinay Patrika
- 2. Ramcharitmanas
- 3. Surasaravali
- 4. Hanuman Bahuk

**Q.72** What is the tenure of the 'Vijay Fixed Deposits' scheme introduced by RBL Bank in 2024?

**Ans**

- 1. 365 days
- 2. 500 days
- 3. 1 year
- 4. 1000 days

**Q.73 Who took charge as the new Chairperson of the National Commission for Women (NCW) on 22<sup>nd</sup> October 2024, after being appointed earlier?**

Ans  1. Vijaya K Rahatkar  
 2. Mamta Sharma  
 3. Pratibha Patil  
 4. Rekha Sharma

**Q.74 What does globalisation primarily involve?**

Ans  1. Restricting foreign goods  
 2. Isolation of countries from global trade  
 3. Integration of the world economy through trade, technology and investment  
 4. Decreasing communication between nations

**Q.75 The Ganga Plain extends between the \_\_\_\_\_ and Teesta rivers.**

Ans  1. Mahi  
 2. Son  
 3. Ghaggar  
 4. Narmada

**Q.76 What is the main benefit of the name look-up facility, introduced by the Reserve Bank of India for RTGS and NEFT systems?**

Ans  1. Free transactions for all users  
 2. Introduction of new banking apps  
 3. Verification of the beneficiary's name to reduce errors and fraud  
 4. Faster transaction processing

**Q.77 Who among the following waged a war against the East India Company in 1857 from the Ludhiana district in Punjab?**

Ans  1. Lakshmi Bai  
 2. Nana Saheb  
 3. Maulana Shah Abdul Qadir  
 4. Khan Bahadur Khan

**Q.78 The British victory in the Revolt of 1857 led to:**

Ans  1. the formation of Indian states under British sovereignty  
 2. reorganisation of Indian territories and administration  
 3. full independence for India  
 4. end of British rule in India

**Q.79 The 7<sup>th</sup> Amendment Act of the Indian Constitution, 1956, primarily dealt with the reorganisation of states based on what criteria?**

Ans  1. Cultural basis  
 2. Geographical basis  
 3. Economic basis  
 4. Linguistic basis

**Q.80 UPI-based digital RuPay Credit Card was first introduced by \_\_\_\_\_.**

Ans  1. IDBI Bank  
 2. Punjab National Bank  
 3. Bank of Baroda  
 4. IDFC First Bank

**Q.81** If  $y = 10^{x/z}$  and x has the unit of cm, the unit of z will be \_\_\_\_\_. x, y and z indicate length.

Ans  1.  $\text{cm}^2$   
 2.  $\text{cm}^{-2}$   
 3. cm  
 4.  $\text{cm}^{-1}$

**Q.82** Which are the three main sector classifications of the Indian economy?

Ans  1. Primary, Secondary, Tertiary  
 2. Farming, Manufacturing, Trade  
 3. Agriculture, Finance, Technology  
 4. Agriculture, Industry, Services

**Q.83** In the early Vedic period, the varna system was based on \_\_\_\_\_.

Ans  1. religion  
 2. occupation  
 3. knowledge  
 4. birth

**Q.84** Adiabatic compression of an ideal gas results in \_\_\_\_\_.

Ans  1. decrease in heat flow  
 2. no work done  
 3. increase in temperature  
 4. fall in temperature

**Q.85** Pulicat Lake, a brackish water lagoon, is situated between which two states?

Ans  1. Odisha and West Bengal  
 2. Gujarat and Maharashtra  
 3. Andhra Pradesh and Tamil Nadu  
 4. Kerala and Karnataka

**Q.86** As of 30 October 2024, who is the Governor of RBI?

Ans  1. Shaktikanta Das  
 2. Dr. IG Patel  
 3. Urjit Patel  
 4. Dr. Bimal Jalan

**Q.87** The economy of the Harappan Civilisation was primarily based on:

Ans  1. nomadic herding  
 2. metalworking and shipbuilding  
 3. agriculture and trade  
 4. fishing and hunting

**Q.88** In India, 'Rabi' crops are sown from:

Ans  1. January to March  
 2. July to September  
 3. October to December  
 4. April to June

**Q.89** M-Prabandh, launched by C-DAC Hyderabad in February 2024, helps organisations reduce the risk of:

Ans  1. adverse climate  
 2. price volatility in the market  
 3. data breaches and theft  
 4. network congestion

**Q.90** For how many days is the Goa Carnival organised, where elaborate and brilliantly coloured floats, music and dancing form part of the Carnival extravaganza in Goa?

Ans  1. Four  
 2. Six  
 3. Three  
 4. Five

**Q.91** Who among the following propagated the motto 'Back to the Vedas' because he believed that the Vedas contained the knowledge imparted to men by God?

Ans  1. Swami Dayanand Saraswati  
 2. E Ramaswamy Naiker Periyar  
 3. Swami Vivekananda  
 4. Mahatma Gandhi

**Q.92** What was the Supreme Court's ruling regarding the Lieutenant Governor's (LGs) powers in Delhi, as per the judgement given by the three-judge bench led by Chief Justice DY Chandrachud, in August 2024?

Ans  1. The LG must always act on the advice of the Delhi government.  
 2. The Delhi government has the final say in all LG appointments.  
 3. The LG has the authority to nominate members to the MCD independently.  
 4. The LG's powers are limited to financial matters only.

**Q.93** According to Economic Survey of India 2023-24, which is the largest cotton producing state of India?

Ans  1. Bihar  
 2. Assam  
 3. Gujarat  
 4. Odisha

**Q.94** Which Five-Year Plan emphasised the development of heavy industries and the secondary sector?

Ans  1. Second Five-Year Plan  
 2. Third Five-Year Plan  
 3. First Five-Year Plan  
 4. Fourth Five-Year Plan

**Q.95** Which of the following islands lies in Lakshadweep?

Ans  1. Purbasha  
 2. Pitti Island  
 3. Rameswaram  
 4. New Moore

**Q.96 When did Pratibha Patil assume the office of President of India and become the first woman to hold this post?**

Ans  1. 2004  
 2. 2007  
 3. 2001  
 4. 2009

**Q.97 When did Mahatma Gandhi leave for England to participate in the Second Round Table Conference?**

Ans  1. 1929  
 2. 1928  
 3. 1931  
 4. 1930

**Q.98 Which of the following countries celebrated the ninth anniversary of Constitution Declaration in September 2024?**

Ans  1. Finland  
 2. Nepal  
 3. Bhutan  
 4. Poland

**Q.99 In 1947, who was the only female Cabinet Minister in the Government led by Prime Minister Jawaharlal Nehru?**

Ans  1. Harsimrat Kaur Badal  
 2. Bimal Kaur Khalsa  
 3. Rajinder Kaur Bhattal  
 4. Rajkumari Amrit Kaur

**Q.100 The 95<sup>th</sup> Amendment Act of 2009 extended the reservation of seats in the Lok Sabha and State Legislative Assemblies for which categories of citizens?**

Ans  1. Scheduled Castes and Scheduled Tribes (SC/ST)  
 2. Other Backward Classes (OBC)  
 3. Minorities  
 4. Women

**Q.101 Many gums are used in the food industry as thickening agents or emulsion stabilisers, it mainly contain \_\_\_\_\_.**

Ans  1. polysaccharides  
 2. sugars  
 3. fats  
 4. polypeptides

**Q.102 Which city is known as the 'Silicon Valley of India'?**

Ans  1. Pune  
 2. Hyderabad  
 3. Chennai  
 4. Bengaluru

**Q.103 Which Schedule of the Constitution of India deals with the allocation of seats in the Rajya Sabha to states and union territories?**

Ans  1. Eighth Schedule  
 2. Seventh Schedule  
 3. Sixth Schedule  
 4. Fourth Schedule

**Q.104 According to the World Intellectual Property Indicators (WIPI) 2024 report, what is India's rank globally in terms of patents with 64,480 applications?**

Ans  1. Second  
 2. Sixth  
 3. Fourth  
 4. Ninth

**Q.105 Who among the following thinkers introduced the Human Development Index for the first time in 1990?**

Ans  1. Daniel Disilva  
 2. Mahabub-Ul-Haq  
 3. Mohammad Yunus Khan  
 4. Ariel Sharon

**Q.106 The brightest and largest fringe in the centre of an interference pattern is known as:**

Ans  1. coherence  
 2. constructive interference  
 3. central maximum  
 4. destructive interference

**Q.107 In May 2024, Tejas Shirse clocked 13.41 seconds to break the national record in which event at the Motonet GP – a World Athletics Continental Tour – in Jyvaskyla, Finland?**

Ans  1. Men's 110 m hurdles  
 2. Men's 5000 m  
 3. Men's 3000 m steeplechase  
 4. Men's 4×100 m relay

**Q.108 Which of these festivals is considered the most sacred Buddhist festival, commemorating the birth, enlightenment and Mahaparinirvana (passing away) of Buddha Shakyamuni?**

Ans  1. Tamladu  
 2. Saga Dawa  
 3. Ojiyale  
 4. Sangken

**Q.109 What was a major outcome of the Green Revolution in India?**

Ans  1. Urbanisation of rural areas  
 2. Decrease in agricultural employment  
 3. Increase in food security  
 4. Rise in export of traditional crops

**Q.110** Which of the following states has the lowest legislative assembly strength of 32 members?

Ans  1. Mizoram  
 2. Arunachal Pradesh  
 3. Goa  
 4. Sikkim

**Q.111** Which of the following statements is/are correct?

**Statement I:** Rain-bearing systems originating in the Bay of Bengal cause rainfall over the plains of North India.

**Statement II:** Arabian Sea rain-bearing systems bring rain to the west coast of India.

Ans  1. Both statement I and statement II are correct.  
 2. Statement I is correct, while statement II is incorrect.  
 3. Statement II is correct, while statement I is incorrect.  
 4. Neither statement I nor statement II is correct.

**Q.112** In February 2024, the INDUS-X Summit was held in New Delhi, marking a significant milestone in the collaborative efforts in defence innovation between \_\_\_\_.

Ans  1. India and Germany  
 2. India and the United States  
 3. Brazil, India, Russia and China  
 4. India and Russia

**Q.113** India's first helicopter ambulance service, Project \_\_\_\_\_, was launched on 29 October 2024.

Ans  1. Sanjeevani  
 2. Amritvahini  
 3. Navbharatnani  
 4. Bharatvani

**Q.114** Hooke's law establishes the relationship between which two physical quantities in elastic materials?

Ans  1. Pressure and volume  
 2. Force and velocity  
 3. Stress and strain  
 4. Temperature and resistance

**Q.115** When was the third Civil Society Forum of the EU-UK Trade and Cooperation Agreement held?

Ans  1. August 2024  
 2. November 2024  
 3. October 2024  
 4. September 2024

**Q.116** Which organisation provided financial support to India during the 1991 economic crisis?

Ans  1. United Nations  
 2. World Trade Organization  
 3. International Monetary Fund  
 4. Asian Development Bank

**Q.117 Which of the following is NOT a constitutional body?**

Ans  1. Union Public Service Commission  
 2. National Green Tribunal  
 3. Election Commission of India  
 4. Comptroller and Auditor General of India

**Q.118 According to the Indian Constitution, which of the following is NOT the function of the Union Public Service Commission?**

Ans  1. To advise on claims of legal proceedings instituted against a government servant  
 2. To advise on disciplinary matters affecting government servants  
 3. To advise on the suitability of candidates for appointment, promotion and transfer  
 4. To advise on selection for the posts of high diplomatic nature

**Q.119 Which of the following statements is true regarding the lending rates of scheduled commercial banks (SCBs) in September 2024, in India?**

Ans  1. The weighted average lending rate decreased for fresh loans and remained unchanged for outstanding loans.  
 2. The weighted average lending rate decreased for outstanding loans and remained unchanged for fresh loans.  
 3. The weighted average lending rate remained unchanged for both fresh and outstanding loans.  
 4. The weighted average lending rate increased for both fresh and outstanding loans.

**Q.120 Who among the following headed the Advisory Committee on Fundamental Rights, Minorities and Tribal and Excluded Areas under Constituent Assembly?**

Ans  1. Jawaharlal Nehru  
 2. JB Kripalani  
 3. Sardar Vallabhbhai Patel  
 4. Dr B R Ambedkar