



**AFCAT Memory Based 12 Feb 2022 Shift 1**

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## 100 Questions

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**Que. 1** Rearrange the jumbled-up letters in their natural sequence and find the odd one out.

1. ATBEL
2. AIRCH
3. LGSAS
4. NCBHE

Correct Option - 3

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**Que. 2** Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd one.

1. EGCEA
2. NPLNJ
3. XZVXT
4. QSOQN

Correct Option - 4

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**Que. 3** Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the odd one.

1. ABBCC
2. BCCDD
3. FGGHH
4. JLLMM

Correct Option - 4

---

**Que. 4** In the following question, select the related word from the given alternatives.

Ardour : Passion :: Arise : ?

1. Animated
2. Stylized
3. Old-Fashioned
4. Occur

Correct Option - 4

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**Que. 5** Select the option in which the words share the same relationship as that shared by the given pair of words.

Fish : Shoal

1. Whale : Water
2. Wolf : Pack
3. Elephant : Flock
4. Audience : Theatre

Correct Option - 2

---

**Que. 6** Select the option in which the words share the same relationship as that shared by the given pair of words.

Hot : Oven :: Cold : ?

1. Refrigerator
2. Air Conditioner
3. Ice Cream
4. Snow

Correct Option - 1

---

**Que. 7** **Directions:** Choose the correct option from the given ones that will complete the series.

41, 52, 65, 82, 101, ?

1. 121
2. 122
3. 123
4. 124

Correct Option - 4

---

**Que. 8** Four words are given, three of which are alike in a certain way while one is not. Select the inconsistent word.

1. Lignite
2. Anthracite
3. Granite
4. Bituminous

Correct Option - 3

---

**Que. 9** Four words are given, three of which are alike in a certain way while one is not. Select the inconsistent word.

1. Tiny
2. Small
3. Huge
4. Heavy

Correct Option - 4

---

**Que. 10** **Direction:** Read the following information carefully and answer the question given below.

There are six persons going for a trip to Rajasthan i.e. O, N, J, Z, S and B. Z is the sister of S. O is the wife of N. B is the wife of J and sister of S, who is the brother of Z. J has a son.

How is B related to O?

1. Mother
2. Aunt
3. Mother-in-law
4. Daughter

Correct Option - 3

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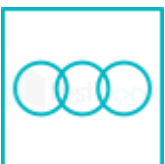
**Que. 11** If P is a brother of Q, M is a sister of Q and T is a brother of P, then how Q is related to T ?

1. Sister
2. Data insufficient

- 3. Brother
- 4. Brother or sister




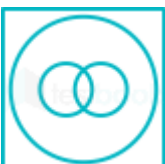
Correct Option - 4

**Que. 12** Select the Venn diagram that best represents the relationship between the following words.  
Father, Men, Pilot

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

Correct Option - 2

**Que. 13** Select the Venn diagram that best represents the relationship between the following words.  
Ring, Diamond Ring, Ornament

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

Correct Option - 3

**Que. 14** From among the figures marked (a), (b), (c), (d) and (e), select the figure which satisfies the same conditions as the placement of the dots as in figure (X).

Problem Figure



(x)

Answer Figure



(A)

(B)

(C)

(D)

(E)

1. E
2. D
3. C
4. B

Correct Option - 3

**Que. 15** Which answer figure will complete the pattern in the following question figure?



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

Correct Option - 1

**Que. 16** Which answer figure will complete the pattern in the following question figure?



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

Correct Option - 4

**Que. 17** From the given answer figures, select the one in which the question figure is hidden/embedded?



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

Correct Option - 3

**Que. 18** Select the figure that will come next in the following figure series.



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

Correct Option - 2

**Que. 19** There are the following figures are alike in a creation way and one is different Select the odd one.

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

Correct Option - 3

**Que. 20** Select the odd words from the given alternatives.

1. Exhausted
2. Weary
3. Fatigued
4. Wary

Correct Option - 4

---

**Que. 21** In a code language GODSENT is written FNCRDMS; JOKING is written as INJHMF how would BRAZENLY be written in same language?

1. AQZYDMKX
2. AQAYDMKX
3. AQZYMDKX
4. ASZYMDKX

Correct Option - 1

---

**Que. 22** P is 6 km west from point Q. Point R is 4 km north to point Q. S is 12 km south from point R. Now point S in which direction and how far from point P?

1. 10 km, South-East
2. 16 km, North-East
3. 10 km, South-West
4. 12 km, North-West

Correct Option - 1

---

**Que. 23** Rahul starts from his house, goes 10 km in the East, then he turns to his left and goes 5 km. Finally, he turns to his left and goes 10 km. In which direction is he facing at the end?

1. East
2. South
3. North
4. West

Correct Option - 4

---

**Que. 24** What will be the value of the expression if the signs '+' and '×' are interchanged?

$$45 + 9 - 73 \times 16 \div 8$$

1. -92
2. 334
3. 841
4. -39

Correct Option - 2

---

**Que. 25** If '+' means '÷'; '-' means '×'; '×' means '-' and '÷' means '+'; then

$$16 + 8 - 2 \div 4 \times 2 = ?$$

1. 6
2. 10
3. 12
4. 4

Correct Option - 1

---

**Que. 26** Which of these is opposite in meaning to the given word?

**Amalgamate**

1. Coalesce
2. Intermingle



3. Separate
4. Affiliate

Correct Option - 3

---

**Que. 27** Pick out the correct antonym for the given word.

Exonerate

1. Acquit
2. Accused
3. Pardon
4. Liberate

Correct Option - 2

---

**Que. 28** Direction: Find the Synonym of-

Inevitable

1. Uncertain
2. Unavoidable
3. Doubtful
4. Dubious

Correct Option - 2

---

**Que. 29** Select the most appropriate synonym of the given word.

Dormant

1. Active
2. Inactive
3. Quick
4. Gallant

Correct Option - 2

---

**Que. 30** In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the Idiom/ Phrase.

To lead astray

1. To take back what you have said
2. To misguide
3. To achieve two results with one effort
4. To apologize humbly

Correct Option - 2

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**Que. 31** Direction: The meaning of the idiomatic expression:

"pull yourself together".

1. drag oneself
2. help one
3. get angry
4. calm down by oneself

Correct Option - 4

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**Que. 32** Direction: Find the meaning of the given idiom-

To blew away

1. Alternate inconsistently between moods and actions
2. To be thoroughly impressed
3. Staying informed and updated about everything
4. Doing something that has never been done before

Correct Option - 2

---

**Que. 33** Select the word which means the same as the group of words given.

A person who wastes his money on a luxury

1. Monarch
2. Expensive
3. Extravagant
4. Frugal

Correct Option - 3

---

**Que. 34** Find the synonyms for the given word.

Inequity

1. Injustice
2. Solitude
3. Unstable
4. Severe

Correct Option - 1

---

**Que. 35** Read the passage given below and then answer the questions given below the passage. Some words may be highlighted for your attention. Read carefully.

The Industrial Revolution, which took place from the 18<sup>th</sup> to 19<sup>th</sup> centuries, was a period during which predominantly agrarian, rural societies in Europe and America became industrial and urban. Prior to the Industrial Revolution, which began in Britain in the late 1700s, manufacturing was often done in people's homes, using hand tools or basic machines. Industrialization marks a shift to powered, special-purpose machinery, factories and mass production. The iron and textile industries, along with the development of the steam engine, played central roles in the Industrial Revolution, which also saw improved systems of transportation, communication and banking. While industrialization brought about an increased volume and variety of manufactured goods and an improved standard of living for some, it also resulted in often grim employment and living conditions for the poor and working class. Before the advent of the Industrial Revolution, most people resided in small, rural communities, where their daily existences revolved around farming.

Before the advent of Industrial Revolution, where did manufacturing primarily take place?

1. Farms
2. Barns
3. Factories
4. Homes

Correct Option - 4

---

**Que. 36** Which of the following was a negative outcome of the Industrial Revolution?

1. The rural-urban migration

2. Increased volume of goods
3. Variety of goods
4. Poor conditions of living

Correct Option - 4

---

**Que. 37** What was the main source of livelihood before the Revolution?

1. Fishing
2. Carpentry.
3. Writing
4. Farming

Correct Option - 4

---

**Que. 38** **Direction:** In the following passage, some of the words have been left out. Read the passage carefully and choose the answer for the given blank out of the four alternatives.

The Golden Globe Awards 2021 was held to \_\_\_\_\_ (1) \_\_\_\_\_ excellence in film, both American and international, and American television. This was the 78th edition of the annual event, which honoured the best in American television, as well as film in 2020 and early 2021, as chosen \_\_\_\_\_ (2) \_\_\_\_\_ the Hollywood Foreign Press Association. American TV series “The Crown” \_\_\_\_\_ (3) \_\_\_\_\_ the most awards for the ceremony with four awards.

What should be the correct answer for the blank (1)?

1. recognise
2. access
3. aid
4. downgrade

Correct Option - 1

---

**Que. 39** What should be the correct answer for the blank (2)?

1. under
2. over
3. in
4. by

Correct Option - 4

---

**Que. 40** What should be the correct answer for the blank (3)?

1. will win
2. win
3. won
4. wins

Correct Option - 3

---

**Que. 41** **Direction:** Read each sentence to find out whether there is an error in any part and if you find no error, your response should be indicated as (d).

The information obtained (a)/ from the business owners (b)/ were relevant to include in the study. (c)/ No error (d)

1. (a)

2. (b)
3. (c)
4. (d)

Correct Option - 3

---

**Que. 42** **Direction:** Find out which part has an error and mark it as your answer. If there is no error, mark 'No error' as your answer.

I have (A) / many friends which (B) / are native speakers. (C) / No error (D)

1. (A)
2. (B)
3. (C)
4. (D)

Correct Option - 2

---

**Que. 43** **Direction:** Find out which part has an error and mark it as your answer. If there is no error, mark 'No error' as your answer.

We need to buy a few more pieces of furnitures (A) / for the bedroom say, a new cupboard (B) / and a bedside table. (C) / No error (D)

1. (A)
2. (B)
3. (C)
4. (D)

Correct Option - 1

---

**Que. 44** **Direction:** Spot the erroneous parts, if any, in the following sentences:

a) COVID 19 is a disease / (b) that effects / (c) mainly older people./ (d) No error.

1. (a)
2. (b)
3. (c)
4. (d)

Correct Option - 2

---

**Que. 45** **Directions:** Fill in the blank with the most appropriate option as given.

The government is confident that the standard of living will begin to \_\_\_\_\_ again soon.

1. lift
2. rise
3. revive
4. flourish

Correct Option - 4

---

**Que. 46** **Directions:** Fill in the blank with the most appropriate option as given.

Zakir hussain is a \_\_\_\_\_ when it comes to playing tabla.

1. contemporary
2. debtor
3. connoisseur

4. colleague

Correct Option - 3

---

**Que. 47** Fill in the blanks with the most suitable phrasal verb out of the given four:

That dropped catch of Matthew Wade \_\_\_\_\_ to be the deciding factor in this match.

1. turned down
2. turned out
3. turned off
4. turned away

Correct Option - 2

---

**Que. 48** Fill in the blank with the most appropriate word.

The giants are stomping and roaring to life, hurling their \_\_\_\_\_ bodies into each other's arms.

1. Sparse
2. colossal
3. infinitesimal
4. thrift

Correct Option - 2

---

**Que. 49** Out of four alternatives, choose the one which can be substituted for the given words/sentences.

Study of fishes

1. Entomology
2. Mycology
3. Herpetology
4. Ichthyology

Correct Option - 4

---

**Que. 50** Direction: Find the correct sequence for the given fill-up

Once upon a time, \_\_\_\_\_ the Queen.

- P. a princess named  
Q. with her father, the King,  
R. Snow White lived in a castle  
S. and her stepmother,

1. RPQS
2. PRQS
3. QPSR
4. RSQP

Correct Option - 2

---

**Que. 51** Direction: Find the correct sequence for the given fill-up

This is the Fairytale story of Sleeping Beauty, \_\_\_\_\_ a modern ending

- P. the Tale of Princess Aurora/Briar Rose.  
Q. Grimm Brothers and Disney  
R. This Classic Fairy Tale combines parts of the Charles Perrault,  
S. versions and is reimaged with

1. QPRS
2. RPQS
3. PRQS
4. PQRS

Correct Option - 3

---

**Que. 52** Direction: Find the correct sequence for the given fill-up

There once was an Emperor \_\_\_\_\_ new royal outfit.

- P. wearing fancy new clothes.
- Q. who loved nothing better than
- R. Three times a day he
- S. would change into a brand

1. PQRS
2. QPRS
3. RSQP
4. QRPS

Correct Option - 2

---

**Que. 53** Direction: Find the correct sequence for the given fill-up

Once upon a time, there was a Princess. \_\_\_\_\_ at all.

- P. but it seemed to the Princess that
- Q. each one of them looked
- R. Many a suitor came to the palace to win her hand in marriage,
- S. at her without really seeing her

1. PQRS
2. QPRS
3. RPQS
4. RSQp

Correct Option - 3

---

**Que. 54** Direction: Select the most appropriate meaning of the given idiom:

Broke into

1. to suddenly begin to do something
2. At the last possible moments
3. to suddenly ended to do something
4. At the first possible moments

Correct Option - 1

---

**Que. 55** Fill in the blank with the most appropriate phrase.

He lacks courage and \_\_\_\_\_ easily.

1. gives away
2. gives off
3. gives out
4. gives up

Correct Option - 4

**Que. 56** A can do a work in 8 hrs, B can do the same work in 10 hrs while C can do the same work in the same time which A and B together take to complete the work. Find the time taken by B and C together to complete the work.

1.  $2\frac{1}{13}$  hours
2.  $4\frac{1}{13}$  hours
3.  $3\frac{1}{13}$  hours
4.  $5\frac{2}{13}$  hours

Correct Option - 3

**Que. 57** The walking speed is 10 km/hr while the speed of auto is 30 km/hr. It takes 10 hours in total to cover a journey with average speed of 18 km/hr. Find the distance covered by the auto.

1. 60 Km
2. 90 Km
3. 120 Km
4. 150 Km

Correct Option - 3

**Que. 58** If A is 35% less than B then find B is how much percent more than A?

1. 45.84%
2. 55.84%
3. 43.84%
4. 53.84%

Correct Option - 4

**Que. 59** A invests a sum of money in simple interest at a certain rate for 6 years and B invests the same sum of money for same time but at 2% higher rate. If the difference between the simple interests for 6 years is 360 then find the sum of money invested.

1. Rs. 2500
2. Rs. 2800
3. Rs. 3000
4. Rs. 3200

Correct Option - 3

**Que. 60** Rs. 56000 is invested at the rate of 5% for 1st year, at 10% for 2nd year and at 15% for the 3rd year. Find the total compound interest earned in these 3 years.

1. Rs. 18283
2. Rs. 18382
3. Rs. 18832
4. Rs. 18238

Correct Option - 2

**Que. 61** A workers gets Rs. 2000 for working 40 hours per week. If he works overtime he gets 36% high/hr and he gets Rs. 3020 in that week then find the working hours in that week.

1. 40 hours
2. 45 hours

3. 50hours
4. 55 hours

Correct Option - 4

---

**Que. 62** A girl writes 4 pages in 1 hour after that she takes break for 10 minutes. At what time she writes 48 pages if she started at 8:00 AM.

1. 9 : 50 PM
2. 8 : 30 PM
3. 7 : 30 PM
4. 6 : 30 PM

Correct Option - 1

---

**Que. 63** A sum of Rs. 18600 is given at 15% per annum at simple interest, if interest is added to sum after 2 years then find the total interest after 4 years.

1. Rs. 12834
2. Rs. 12483
3. Rs. 12384
4. Rs. 12843

Correct Option - 1

---

**Que. 64** A person is sailing in river at 12 km/hr against the flow of river which is flowing at 6 km/hr. If it takes one hour to reach back on its starting point then find the total distance travelled by the person.

1. 8 km
2. 9 km
3. 10 km
4. 11 km

Correct Option - 1

---

**Que. 65** A person works for 4 hours and takes a break for 1 hour. In 24 hours find the ratio of his working time and rest time.

1. 2 : 1
2. 5 : 2
3. 4 : 1
4. 5 : 1

Correct Option - 4

---

**Que. 66**  $(a + b) : (a - b) = 17 : 1$  then find the value of  $(a^2 - b^2) : (a^2 + b^2)$ .

1. 17 : 1
2. 17 : 145
3. 145 : 17
4. 1 : 17

Correct Option - 2

---

**Que. 67**



6/7 people are sitting in a hall while 7/11 seats are filled and 24 seats are empty. how many seats will be empty if total people will sit in the hall?`

1. 15
2. 17
3. 19
4. 23

Correct Option - 2

---

**Que. 68** A football team captain of age 24 years and the goalkeeper who is 6 year older than him are excluded then the average age of the team is increased by 1. Find the average age of whole team.

1. 31.5
2. 32.5
3. 34.5
4. 35.5

Correct Option - 1

---

**Que. 69** A train with a speed of 72 km/hr travelling in the opposite direction crosses an another train which is half of the length runs at a speed of 54 km/hr in 18 seconds and crosses a platform in 1 minute. Find the length of platform.

1. 780 m
2. 680 m
3. 880 m
4. 580 m

Correct Option - 1

---

**Que. 70** Average of five consecutive even number is equal to the difference of last and first number. Find the smallest out of these five numebr.

1. 2
2. 4
3. 6
4. 8

Correct Option - 2

---

**Que. 71** A person buys 20 kgs of sugar at the rate of Rs. 30 per kg and sells 30% of it at the rate of Rs. 40 per kg. At what rate he should sell the remaining sugar so as to gain 10% on overall process.

1. Rs. 30 per kg
2. Rs. 32 per kg
3. Rs. 35 per kg
4. Rs. 40 per kg

Correct Option - 1

---

**Que. 72** A gets 40% marks and failed by 10 marks, B gets 65% marks and scores 15 marks more than the passing marks. Find the percentage required to pass the exam.

1. 30%
2. 40%
3. 50%

4. 60%

Correct Option - 3

---

**Que. 73** The marked price of an article is Rs. 5320. It is subject to two successive discounts, the first being 15%, and the second at a rate of 20% of the first. What is the selling price (to nearest Rs.) of the article?

1. Rs. 4386
2. Rs. 4127
3. Rs. 4522
4. Rs. 4000

Correct Option - 1

---

**Que. 74** The average of 10 numbers is 26.5. If the average of first 6 numbers is 25 and the average of last 6 numbers is 29, then what is the average of the 5th and the 6th number?

1. 29.2
2. 29
3. 29.5
4. 28

Correct Option - 3

---

**Que. 75** A man spends  $\frac{2}{5}$  part of his income and has Rs. 90 left. How much money did he have in the beginning?

1. Rs. 130
2. Rs. 150
3. Rs. 140
4. Rs. 120

Correct Option - 2

---

**Que. 76** Dr APJ Abdul Kalam Missile Complex is situated in \_\_\_\_\_.

1. Hyderabad
2. Chennai
3. Bengaluru
4. Kochi

Correct Option - 1

---

**Que. 77** Which country will host the 2023 Cricket World Cup?

1. England
2. South Africa
3. Australia
4. India

Correct Option - 4

---

**Que. 78** Nur Sultan is the capital of which of the following country?

1. Uzbekistan
2. Turkmenistan

3. Kazakhstan
4. Kyrgyzstan

Correct Option - 3

---

**Que. 79** What was the time period of rule by Razia Sultana in Delhi Sultanate?

1. 1236-1240
2. 1230-1236
3. 1190-1195
4. 1250-1255

Correct Option - 1

---

**Que. 80** Which Indian Para-military force has the distinction of raising the first women's battalion?

1. CISF
2. CRPF
3. BSF
4. ITBP

Correct Option - 2

---

**Que. 81** The second five year plan was based on which model?

1. Solow model
2. Domar model
3. Robinson's model
4. Mahalanobis model

Correct Option - 4

---

**Que. 82** Who has been awarded Nobel in Peace 2021?

1. Syukuro Manabe and Klaus Hasselmann
2. Maria Ressa and Dmitry Muratov
3. Denis Mukwege and Nadia Murad
4. Ellen Johnson Sirleaf and Leymah Gbowee

Correct Option - 2

---

**Que. 83** Who among the following has won the Golden Grand Salm?

1. Serena Williams
2. Roger Federer
3. Rafael Nadal
4. Steffi Graf

Correct Option - 4

---

**Que. 84** The 'Rock' is the nickname of which of the following person?

1. Conor McGregor
2. M S Dhoni
3. Dwayne Johnson
4. Andre Agassi

Correct Option - 3

---

**Que. 85** Which of the following statement is correct regarding governor?

1. A person to be eligible for appointment as Governor should be citizen of India and has completed age of 35 years.
2. In the Order of Precedence CM is above Governor.
  1. 1 only
  2. 2 only
  3. Both 1 and 2
  4. Neither 1 nor 2

Correct Option - 1

---

**Que. 86** Who among played Siana Nehwal character in her biopic?

1. Priyanka Chopra
2. Parineeti Chopra
3. Deepika Padukone
4. Anushka Sharma

Correct Option - 2

---

**Que. 87** Who was the Governor General of India during the revolt of 1857?

1. Lord Hastings
2. Lord Canning
3. Lord Amherst
4. Lord Auckland

Correct Option - 2

---

**Que. 88** Deknni is a popular art form in \_\_\_\_\_.

1. Goa
2. Uttar Pradesh
3. Maharashtra
4. Punjab

Correct Option - 1

---

**Que. 89** Who among the following cricketer was the first to be given out by the 3rd empire?

1. Ricky Ponting
2. Sachin Tendulkar
3. MS Dhoni
4. Rahul Dravid

Correct Option - 2

---

**Que. 90** In which among the following state will have the largest floating solar power plant of India?

1. Rajasthan
2. Haryana
3. Telangana

4. Uttar Pradesh

Correct Option - 3

---

**Que. 91** Which of the following naval exercise is held every six months?

1. Sankalp
2. Prasthan
3. Mitra Shakti
4. Malabar

Correct Option - 2

---

**Que. 92** Which one among the following was the first country to declare 'Climate Emergency'?

1. Sweden
2. New Zealand
3. UK
4. Ireland

Correct Option - 3

---

**Que. 93** In which of the following year INC got split into two groups in its Surat Session?

1. 1907
2. 1905
3. 1936
4. 1896

Correct Option - 1

---

**Que. 94** Which of the following is India's counter strategy to tackle China's string of Pearls?

1. String of Diamonds
2. Necklace of Diamonds
3. CPEC
4. Peninsular Zone

Correct Option - 2

---

**Que. 95** What is overproduction of WBC called?

1. Leukocytosis
2. Leukopenia
3. Polycythemia Vera
4. Anemia

Correct Option - 1

---

**Que. 96** When a cloud burst occurs

1. Sudden and very heavy rainfall
2. Sudden and almost negligible rainfall
3. Random and light rainfall
4. No rainfall is observed

Correct Option - 1

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**Que. 97** The editor of 'Young India' was :

1. Mahatma Gandhi
2. C. Rajagopalachari
3. Lala Lajpat Rai
4. Bal Gangadhar Tilak

Correct Option - 1

---

**Que. 98** Study of the structure of the Earth is called \_\_\_\_\_.

1. Geology
2. Nephrology
3. Pedology
4. Virology

Correct Option - 1

---

**Que. 99** Which of the following is a transport helicopter?

1. MI-17
2. Dhruv ALH
3. Cheetah
4. Chetak

Correct Option - 1

---

**Que. 100** Who among the following was the first Indian to reach Antarctica?

1. Sukumar Sen
2. S. Chandrashekhara
3. Ram Charan
4. Rakesh Sharma

Correct Option - 3

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