



SSC ONLINE EXAMINATION

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Roll No.

Candidate Name

Exam Level

: SSC CGL Tier 1 ▼

Test Date

: 22 Sep 2025

Test Time and Shift

: 12:30 PM (Shift-2)

Centre Name

Correct Option selected Wrong Option selected Correct Option Not Answered

[Click Here for PART-A](#)[Click Here for PART-B](#)[Click Here for PART-C](#)[Click Here for PART-D](#)

PART-A (General Intelligence and Reasoning)

[Click Here to Challenge Question No.: 1](#)Q.No: 1 In the sequence B, D, F, H..., which letter comes 6th?अनुक्रम B, D, F, H... में कौन सा अक्षर 6th आता है?

- J
J
N
N
L
L
M
M

[Click Here to Challenge Question No.: 2](#)

Q.No: 2 Choose the address that is the same as the one given below.

Sample Address: HIG-12, Sector 3, Indrapuri, Bhopal, Madhya Pradesh - 462021

वह पता चुनें जो नीचे दिए गए पते के समान हो।

Sample Address:HIG-12, Sector 3,Indrapuri, Bhopal,Madhya Pradesh - 462021

HIG 12, Sector-3, Indrapuri, Bhopal, Madhya Pradesh - 462021

HIG 12, Sector-3, Indrapuri, Bhopal, Madhya Pradesh - 462021

HIG-12, Sector 3, Indrapuri, Bhopal, Madhya Pradesh - 462021

HIG-12, Sector 3, Indrapuri, Bhopal, Madhya Pradesh - 462021

HIG-12, Sector III, Indrapuri, Bhopal, Madhya Pradesh - 462021

HIG-12, Sector III, Indrapuri, Bhopal, Madhya Pradesh - 462021

HIG-21, Sector 3, Indrapuri, Bhopal, Madhya Pradesh - 462021

HIG-21, Sector 3, Indrapuri, Bhopal, Madhya Pradesh - 462021

[Click Here to Challenge Question No.: 3](#)

Q.No: 3 Find the smallest number which when divided by 8, 9, and 12 leaves a remainder of 5 in each case.

वह सबसे छोटी संख्या ज्ञात कीजिए जिसे 8, 9 और 12 से विभाजित करने पर प्रत्येक स्थिति में शेष 5 बचे।

77

77

173

173

869

869

874

874

[Click Here to Challenge Question No.: 4](#)

Q.No: 4 What mathematical symbol should replace A and B respectively to make it mathematically CORRECT?

14 - 96 ÷ 24 A 16 B 4 = 74

गणितीय रूप से सही बनाने के लिए क्रमशः A और B के स्थान पर कौन सा गणितीय चिन्ह रखा जाना चाहिए?

14 - 96 ÷ 24 A 16 B 4 = 74

x and +

x और +

+ and x

+ और x

+ and -

+ और -

x and -

x और -

[Click Here to Challenge Question No.: 5](#)

Q.No: 5 A statement is given followed by two conclusions. Find which conclusion is TRUE based on the given statement.

Statement:

$P \geq T$; $Q = R \geq U$; $V \geq R < S$; $T \geq Q$

Conclusions:

I: $T \geq U$

II: $V > T$

एक कथन के बाद दो निष्कर्ष दिए गए हैं। दिए गए कथन के आधार पर ज्ञात कीजिए कि कौन सा निष्कर्ष सत्य है।

कथन:

$P \geq T$; $Q = R \geq U$; $V \geq R < S$; $T \geq Q$

निष्कर्ष:

I: $T \geq U$

II: $V > T$

Either I or II

या तो I या II

Neither I nor II

न तो I और न ही II

Only II

केवल II

Only I

केवल I

[Click Here to Challenge Question No.: 6](#)

Q.No: 6 Which number is NOT a multiple of 3?

कौन सी संख्या 3 का गुणज नहीं है?

369

369

372

372

375

375

377

377

[Click Here to Challenge Question No.: 7](#)

Q.No: 7 Which country does not belong to the group?

कौन सा देश इस समूह से संबंधित नहीं है?

India

भारत

China

चीन

Nepal

नेपाल

Brazil

ब्राज़िल

[Click Here to Challenge Question No.: 8](#)

Q.No: 8 Find the odd one out.

Narendra Modi, Rahul Gandhi, Amit Shah, Mahendra Singh Dhoni

इनमें से विषम को पहचानिए।

नरेंद्र मोदी, राहुल गांधी, अमित शाह, महेंद्र सिंह धोनी

Narendra Modi

नरेंद्र मोदी

Rahul Gandhi

राहुल गांधी

Amit Shah

अमित शाह

Mahendra Singh Dhoni

महेंद्र सिंह धोनी

[Click Here to Challenge Question No.: 9](#)

Q.No: 9 M is the sister of N. N is the father of R. T is the mother of M. How is T related to R?

M, N की बहन है। N, R का पिता है। T, M की माता है। T का R से क्या संबंध है?

Aunt

चाची

Grandmother

दादी

Mother

माँ

Cousin

चचेरी

[Click Here to Challenge Question No.: 10](#)

Q.No: 10 T is the brother of R. R is the son of M. How is T related to M?

T, R का भाई है। R, M का पुत्र है। T, M से किस प्रकार संबंधित है?

Brother

भाई

Son

पुत्र

Father

पिता

Cousin

चचेरा

[Click Here to Challenge Question No.: 11](#)

Q.No: 11 Which group has letters with a position sum = 29?

किस समूह के अक्षरों का स्थान योग = 29 है?

P, Q, R

P, Q, R

C, D, Y

C, D, Y

A, B, Z

A, B, Z

M, N, O

M, N, O

[Click Here to Challenge Question No.: 12](#)

Q.No: 12 Directions: Study the following information carefully and answer the questions given below.

Six persons P, Q, R, S, T, U were born in six different years 1946, 1958, 1963, 1971, 1994, 2006.

Note - Age is calculated with respect to 2019.

The sum of the ages of S and P is 86. S was born in an even-numbered year. S is older than P. Q is older than S. T was born in an odd-numbered year. The sum of the ages of P and R is 81. U is younger than T.

Which of the following is the birth year of P?

निर्देश: निम्नलिखित जानकारी का ध्यानपूर्वक अध्ययन कीजिए और नीचे दिए गए प्रश्नों के उत्तर दीजिए।

छह व्यक्ति P, Q, R, S, T, U का जन्म छह अलग-अलग वर्षों 1946, 1958, 1963, 1971, 1994, 2006 में हुआ था।

नोट - आयु की गणना 2019 के संदर्भ में की गई है। S और P की आयु का योग 86 है। S का जन्म सम संख्या वाले वर्ष में हुआ था। S, P से बड़ा है। Q, S से बड़ा है। T का जन्म विषम संख्या वाले वर्ष में हुआ था। P और R की आयु का योग 81 है। U, T से छोटा है।

निम्नलिखित में से P का जन्म वर्ष कौन सा है?

1958

1958

1994

1994

1971

1971

2006

2006

Not Answered

[Click Here to Challenge Question No.: 13](#)

Q.No: 13 Directions: Study the following information carefully to answer the given questions:

If 'A & B' means 'A is the mother of B'
 If 'A \$ B' means 'A is the brother of B'
 If 'A # B' means 'A is the sister of B'
 If 'A @ B' means 'A is the father of B'
 If 'A % B' means 'A is the daughter of B'
 If 'A * B' means 'A is the son of B'

Which of the following means R is a brother of P?

निर्देश: दिए गए प्रश्नों के उत्तर देने के लिए निम्नलिखित जानकारी का ध्यानपूर्वक अध्ययन कीजिए:

यदि 'A & B' का अर्थ है 'A, B की माता है'
 यदि 'A \$ B' का अर्थ है 'A, B का भाई है'
 यदि 'A # B' का अर्थ है 'A, B की बहन है'
 यदि 'A @ B' का अर्थ है 'A, B का पिता है'
 यदि 'A % B' का अर्थ है 'A, B की पुत्री है'
 यदि 'A * B' का अर्थ है 'A, B का पुत्र है'

निम्नलिखित में से किसका अर्थ है कि R, P का भाई है?

- P * Q % R
- P * Q % R
- Q % P & R
- Q % P & R
- R * Q & P
- R * Q & P
- Q * R & P
- Q * R & P

[Click Here to Challenge Question No.: 14](#)

Q.No: 14 Read the following statement carefully and identify the conclusion that follows.

Statement:

All pens are blue things. Some blue things are plastic. No plastic is recyclable.

Conclusions:

- I. Some pens are plastic.
- II. Some blue things are not recyclable.

निम्नलिखित कथन को ध्यानपूर्वक पढ़ें और निष्कर्ष निकालें।

कथन:

सभी पेन नीली वस्तुएँ हैं। कुछ नीली वस्तुएँ प्लास्टिक हैं। कोई भी प्लास्टिक पुनर्चक्रण योग्य नहीं है।

निष्कर्ष:

- I. कुछ पेन प्लास्टिक हैं।
- II. कुछ नीली वस्तुएँ पुनर्चक्रण योग्य नहीं हैं।

Only I follows

केवल I अनुसरण करता है

Only II follows

केवल II अनुसरण करता है

Both I and II follow

I और II दोनों अनुसरण करते हैं

Neither I nor II follows

न तो I और न ही II अनुसरण करता है

[Click Here to Challenge Question No.: 15](#)

Q.No: 15 In a certain code, BRAIN is written as AQZHM, how is HEART written?

एक निश्चित कोड में, BRAIN को AQZHM लिखा जाता है, HEART को कैसे लिखा जाएगा?

GDZQS

GDZQS

GDZQR

GDZQR

GDYQR

GDYQR

GCZQS

GCZQS

[Click Here to Challenge Question No.: 16](#)

Q.No: 16 What comes next in the series?

A, C, F, J, O, ?

निम्नलिखित श्रृंखला में अगले स्थान पर कौन सा विकल्प आएगा?

A, C, F, J, O, ?

U

U

V

V

W

W

T

T

[Click Here to Challenge Question No.: 17](#)

Q.No: 17 In the following question, from the given alternative words, select the word which can be formed using the letters of the given word.

ANAESTHETIZED

निम्नलिखित प्रश्न में, दिए गए वैकल्पिक शब्दों में से वह शब्द चुनिए जो दिए गए शब्द के अक्षरों का प्रयोग करके बनाया जा सकता है।

ANAESTHETIZED

Atomize

Atomize

Anemia

Anemia

Dentist

Dentist

Anzio

Anzio

[Click Here to Challenge Question No.: 18](#)

Q.No: 18 Which three-letter combination is different from the rest?

ACD, BDF, CEH, DFI, EGK

कौन सा तीन-अक्षर संयोजन बाकी से अलग है?

ACD, BDF, CEH, DFI, EGK

ACD

ACD

BDF

BDF

DFI

DFI

[Click Here to Challenge Question No.: 19](#)

Q.No: 19 What comes next?

LM, KN, JO, IP, ?

निम्नलिखित श्रृंखला में अगले स्थान पर कौन सा विकल्प आएगा?

LM, KN, JO, IP, ?

HJ

HJ

GR

GR

FR

FR

GQ

GQ

[Click Here to Challenge Question No.: 20](#)

Q.No: 20 What should come at the place of question mark? : 11, 22, 20, 40, 38, ?

प्रश्नवाचक चिन्ह के स्थान पर क्या आएगा?: 11, 22, 20, 40, 38, ?

76

76

74

74

78

78

80

80

[Click Here to Challenge Question No.: 21](#)

Q.No: 21 If 2 & 2 = 12 and 3 & 3 = 27, what is 4 & 4?

यदि 2 & 2 = 12 और 3 & 3 = 27, तो 4 & 4 क्या है?

64

64

72

72

81

81

48

48

[Click Here to Challenge Question No.: 22](#)

Q.No: 22 What should come at the place of question mark?

2, 3, 5, 9, 17, 33, ?

प्रश्नवाचक चिन्ह के स्थान पर क्या आना चाहिए?

2, 3, 5, 9, 17, 33, ?

57

57

65

65

49

49

61

61

[Click Here to Challenge Question No.: 23](#)

Q.No: 23 If the cost price of 15 articles is equal to the selling price of 12 articles, what is the profit percent?

यदि 15 वस्तुओं का क्रय मूल्य 12 वस्तुओं के विक्रय मूल्य के बराबर है, तो लाभ प्रतिशत क्या है?

☒ 25%☐ 25%☐ 20%☐ 20%☐ 30%☐ 30%☐ 10%☐ 10%[Click Here to Challenge Question No.: 24](#)

Q.No: 24 If GARDEN is coded as HBSFOO, how is HBSFOO coded?

यदि GARDEN को HBSFOO के रूप में कोडित किया जाता है, तो HBSFOO को किस प्रकार कोडित किया जाएगा?

☒ ICTHYP☐ ICTHYP☐ ICUGPP☐ ICUGPP☐ IBUGPP☐ IBUGPP☐ ICTGPO☐ ICTGPO[Click Here to Challenge Question No.: 25](#)

Q.No: 25 In a class, Ramesh receives higher grades than Suresh but lower grades than Mahesh. Which of these statements is true if Suresh had a score of 70?

एक कक्षा में, रमेश को सुरेश से ज्यादा अंक लेकिन महेश से कम अंक मिलते हैं। अगर सुरेश के अंक 70 हैं, तो इनमें से कौन सा कथन सत्य है?

Ramesh's marks are 65, Mahesh's marks are 70.

रमेश के अंक 65 हैं, महेश के अंक 70 हैं।

Ramesh's marks are 75, Mahesh's marks are 80.

रमेश के अंक 75 हैं, महेश के अंक 80 हैं।

Ramesh's marks are 60, Mahesh's marks are 70.

रमेश के अंक 60 हैं, महेश के अंक 70 हैं।

Ramesh's marks are 85, Mahesh's marks are 75.

रमेश के अंक 85 हैं, महेश के अंक 75 हैं।



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CANDIDATE RESPONSE SHEET/GRIEVANCE SYSTEM

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Roll No.

Candidate Name

Exam Level

SSC CGL Tier 1 ▼

Test Date

22 Sep 2025

Test Time and Shift

12:30 PM (Shift-2)

Centre Name

[Correct Option selected](#)
[Wrong Option selected](#)
[Correct Option](#)
[Not Answered](#)
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[Click Here for PART-A](#)
[Click Here for PART-B](#)
[Click Here for PART-C](#)

PART-B (General Awareness)

[Click Here to Challenge Question No.: 26](#)

Q.No: 26 Akbar's policy of Sulh-i-Kul was fundamentally based on the principle of:

अकबर की सुलह-ए-कुल नीति मूलतः निम्नलिखित सिद्धांत पर आधारित थी:

Military conquest

सैन्य विजय

Religious exclusivity

धार्मिक विशिष्टता

Universal tolerance

सार्वभौमिक सहिष्णुता

Islamic orthodoxy

इस्लामी रूढ़िवाद

[Click Here to Challenge Question No.: 27](#)

Q.No: 27 Which Indian Ocean island nation is the smallest by area?

हिंद महासागर का कौन सा द्वीप राष्ट्र क्षेत्रफल की दृष्टि से सबसे छोटा है?

Seychelles

सेशेल्स

Maldives

मालदीव

Sri Lanka

श्रीलंका

Mauritius

मॉरीशस

[Click Here to Challenge Question No.: 28](#)

Q.No: 28 Which government initiative focuses on improving urban infrastructure, including water supply, sewerage, and urban transport, in cities across India?

कौन सी सरकारी पहल भारत भर के शहरों में जल आपूर्ति, सीवरेज और शहरी परिवहन सहित शहरी इंफ्रास्ट्रक्चर में सुधार पर केंद्रित है?

Smart Cities Mission

स्मार्ट सिटी मिशन

Atal Mission for Rejuvenation and Urban Transformation (AMRUT)

अटल कायाकल्प और शहरी परिवर्तन मिशन (अमृत)

Swachh Bharat Mission (Urban)

स्वच्छ भारत मिशन (शहरी)

Housing for All by 2022

2022 तक सभी के लिए आवास

[Click Here to Challenge Question No.: 29](#)

Q.No: 29 Which of the following temple architectural features is characteristic of the Nagara style, especially found in central and northern India?

निम्नलिखित में से कौन सी मंदिर स्थापत्य कला विशेषता नागर शैली की विशेषता है, जो विशेष रूप से मध्य और उत्तरी भारत में पाई जाती है?

Vimana

विमान

Shikhara

शिखर

Mandapa with barrel vaults

बैरल वॉल्ट के साथ मंडप

Gopuram

गोपुरम

[Click Here to Challenge Question No.: 30](#)

Q.No: 30 What is one of the major reforms introduced in BNSS, 2023 with respect to FIRs?

एफआईआर के संबंध में बीएनएसएस, 2023 में पेश किए गए प्रमुख सुधारों में से एक क्या है?

FIRs must be filed by a judge

एफआईआर न्यायाधीश द्वारा दर्ज की जानी चाहिए

E-FIRs are permitted for certain offenses

कुछ अपराधों के लिए ई-एफआईआर की अनुमति है

FIRs are no longer required for non-cognizable offenses

अब गैर-संज्ञेय अपराधों के लिए एफआईआर की ज़रूरत नहीं है

FIRs can only be filed physically at police stations

एफआईआर केवल पुलिस स्टेशन में ही भौतिक रूप से दर्ज की जा सकती है

[Click Here to Challenge Question No.: 31](#)

Q.No: 31 Who inaugurated the Pran Pratishtha ceremony at the Ram Mandir in Ayodhya in January 2024?

जनवरी 2024 में अयोध्या में राम मंदिर में प्राण प्रतिष्ठा समारोह का उद्घाटन किसने किया?

Mohan Bhagwat

मोहन भागवत

Amit Shah

अमित शाह

Yogi Adityanath

योगी आदित्यनाथ

Narendra Modi

नरेंद्र मोदी

[Click Here to Challenge Question No.: 32](#)

Q.No: 32 Choose the CORRECT statements about the Kaleshwaram Irrigation Project.

1. This project was inaugurated recently in Telangana.
2. It is the world's largest multi-stage, multi-purpose lift irrigation.
3. It is being built across the Krishna River.

Which of the statements given above is/are CORRECT?

कालेश्वरम सिंचाई परियोजना के बारे में सही कथन चुनें।

1. इस परियोजना का उद्घाटन हाल ही में तेलंगाना में किया गया।
2. यह दुनिया की सबसे बड़ी बहु-चरणीय, बहुउद्देश्यीय लिफ्ट सिंचाई परियोजना है।
3. इसे कृष्णा नदी पर बनाया जा रहा है।

ऊपर दिए गए कथनों में से कौन सा/से सही है/हैं?

1 and 3 only

केवल 1 और 3

1 only

केवल 1

1 and 2 only

केवल 1 और 2

3 only

केवल 3

[Click Here to Challenge Question No.: 33](#)

Q.No: 33 In which region of India is the 'BWhw,' type of climate found?

भारत के किस क्षेत्र में 'BWhw' प्रकार की जलवायु पाई जाती है?

Punjab

पंजाब

Madhya Pradesh

मध्य प्रदेश

Gujarat

गुजरात

Rajasthan

राजस्थान

[Click Here to Challenge Question No.: 34](#)

Q.No: 34 Which of the following ritual dances is performed during the Mopin Festival?

मोपिन महोत्सव के दौरान निम्नलिखित में से कौन सा अनुष्ठानिक नृत्य किया जाता है?

Bihu

बिहु

Popir

पोपिर

Sangpangtu

सांगपांग्तु

Ponung

पोनुंग

[Click Here to Challenge Question No.: 35](#)

Q.No: 35 What significant agricultural evidence was discovered at the Harappan site of Kalibangan?

कालीबंगा के हड़प्पा स्थल पर कौन से महत्वपूर्ण कृषि संबंधी साक्ष्य खोजे गए?

Water reservoirs with step-wells

बावड़ी युक्त जलाशय

Remains of terraced rice fields

सीढ़ीदार चावल के खेतों के अवशेष

Criss-cross plough marks in fields

खेतों में हल के क्रॉस-क्रॉस निशान

Stone granaries used for seed storage

बीज भंडारण के लिए पत्थर के भंडारों का उपयोग

[Click Here to Challenge Question No.: 36](#)

Q.No: 36 Which of the following is considered a **fault** in badminton?

बैडमिंटन में निम्नलिखित में से किसे **दोष** माना जाता है?

Shuttle hits net and lands in service box

शटल नेट से टकराकर सर्विस बॉक्स में जा गिरी

Server steps on boundary line while serving

सर्वर सर्व करते समय सीमा रेखा पर कदम रखता है

Shuttle lands inside opponent's court

शटल प्रतिद्वंद्वी के कोर्ट के अंदर उतरा

Receiver returns the shuttle over the net

रिसीवर शटल को नेट के ऊपर लौटाता है

[Click Here to Challenge Question No.: 37](#)

Q.No: 37 Which administrative bodies were abolished after the enactment of the Government of India Act, 1858?

भारत सरकार अधिनियम, 1858 के लागू होने के बाद किन प्रशासनिक निकायों को समाप्त कर दिया गया था?

Home Department and Military Board

गृह विभाग और सैन्य बोर्ड

Parliament and Crown's Council

संसद और क्राउन काउंसिल

Board of Control and Court of Directors

नियंत्रण बोर्ड और निदेशक मंडल

Governor General's Council and Privy Council

गवर्नर जनरल की परिषद और प्रिवी काउंसिल

[Click Here to Challenge Question No.: 38](#)

Q.No: 38 Which of the following statements about India's performance at the 2012 London Olympics is correct?

- 1) India won a total of 6 medals, doubling its previous Olympic medal tally.
- 2) Indian female athletes won two Olympic medals for the first time in history.

2012 लंदन ओलंपिक में भारत के प्रदर्शन के बारे में निम्नलिखित में से कौन सा कथन सही है?

- 1) भारत ने कुल 6 पदक जीते, जो उसके पिछले ओलंपिक पदकों की संख्या से दोगुना है।
- 2) भारतीय महिला एथलीटों ने इतिहास में पहली बार दो ओलंपिक पदक जीते।

Only 1 is Correct

केवल 1 सही है

Only 2 is Correct

केवल 2 सही है

1 and 2 are Correct

1 और 2 सही हैं

Neither 1 nor 2 is Correct

न तो 1 और न ही 2 सही है

[Click Here to Challenge Question No.: 39](#)

Q.No: 39 What is the primary focus of the book India for Indians by Chitta Ranjan Das?

चित्तरंजन दास द्वारा लिखित पुस्तक इंडिया फॉर इंडियंस का मुख्य फोकस क्या है?

Advocacy for Indian self-rule during the freedom struggle

स्वतंत्रता संग्राम के दौरान भारतीय स्वशासन की वकालत

A detailed history of India's ancient empires

भारत के प्राचीन साम्राज्यों का विस्तृत इतिहास

A study of India's economic reforms post-independence

स्वतंत्रता के बाद भारत के आर्थिक सुधारों का एक अध्ययन

A biography of Mahatma Gandhi

महात्मा गांधी की जीवनी

Not Answered

[Click Here to Challenge Question No.: 40](#)

Q.No: 40 Which of the following about the Hero Hockey India League 2024-25 (Women's) is/are correct?

- 1.) Held in Ranchi & Rourkela (12-26 Jan).
- 2.) Odisha Warriors beat JSW Soorma in the final.

हीरो हॉकी इंडिया लीग 2024-25 (महिला) के बारे में निम्नलिखित में से कौन सा/से कथन सही है/हैं?

- 1.) रांची और राउरकेला में आयोजित (12-26 जनवरी)।
- 2.) ओडिशा वॉरियर्स ने फाइनल में जेएसडब्ल्यू सूरमा को हराया।

Only 1

केवल 1

Only 2

केवल 2

Both 1 and 2 are correct

1 और 2 दोनों सही हैं

Neither 1 nor 2 is correct

न तो 1 और न ही 2 सही है

Not Answered

[Click Here to Challenge Question No.: 41](#)

Q.No: 41 Fill in the blanks:

The collective responsibility clause for State CoMs appears in Article _____.

रिक्त स्थान भरें:

राज्य समितियों के लिए सामूहिक उत्तरदायित्व खंड अनुच्छेद ____ में दिया गया है।

164

164

163

163

154

154

169

169

Not Answered

[Click Here to Challenge Question No.: 42](#)

Q.No: 42 Read the following statements marked as Assertion (A) and Reason (R). Choose the correct option:

Assertion (A): The Satish Dhawan Space Centre (SDSC-SHAR) is ISRO's main spaceport for launching satellites and rockets.**Reason (R):** SDSC-SHAR currently houses multiple operational launch pads and extensive facilities for the integration and final preparation of launch vehicles and spacecraft before liftoff.

अभिकथन (A) और कारण (R) से चिह्नित निम्नलिखित कथनों को पढ़िए। सही विकल्प चुनिए:

अभिकथन (A): सतीश धवन अंतरिक्ष केंद्र (SDSC-SHAR) उपग्रहों और रॉकेटों के प्रक्षेपण के लिए इसरो का मुख्य अंतरिक्ष केंद्र है।**कारण (R):** SDSC-SHAR में वर्तमान में कई परिचालन प्रक्षेपण स्थल और प्रक्षेपण यान तथा अंतरिक्ष यान के एकीकरण तथा प्रक्षेपण से पहले अंतिम तैयारी के लिए व्यापक सुविधाएँ मौजूद हैं।

Both A and R are true, and R is the correct explanation of A

A और R दोनों सत्य हैं, और R, A का सही स्पष्टीकरण है

Both A and R are true, but R is not the correct explanation of A

A और R दोनों सत्य हैं, लेकिन R, A का सही स्पष्टीकरण नहीं है

A is true, but R is false

A सत्य है, लेकिन R असत्य है

A is false, but R is true

A असत्य है, लेकिन R सत्य है

[Click Here to Challenge Question No.: 43](#)

Q.No: 43 Under Article 352, what legislative consequence follows a Proclamation of National Emergency in India?

अनुच्छेद 352 के अंतर्गत भारत में राष्ट्रीय आपातकाल की घोषणा के बाद क्या विधायी परिणाम होता है?

States retain exclusive control over the State List

राज्यों को राज्य सूची पर विशेष नियंत्रण प्राप्त है

Parliament can legislate on any matter in the State List

संसद राज्य सूची के किसी भी विषय पर कानून बना सकती है

Rajya Sabha's approval is required for all State Bills

सभी राज्य विधेयकों के लिए राज्यसभा की मंजूरी आवश्यक है

President dissolves all State Legislative Assemblies

राष्ट्रपति ने सभी राज्य विधानसभाओं को भंग कर दिया

[Click Here to Challenge Question No.: 44](#)

Q.No: 44 A key characteristic of nuclear fission is that the total mass of the products is:

परमाणु विखंडन की एक प्रमुख विशेषता यह है कि उत्पादों का कुल द्रव्यमान है:

Greater than the mass of the reactants

अभिकारकों के द्रव्यमान से अधिक

Equal to the mass of the reactants

अभिकारकों के द्रव्यमान के बराबर

Less than the mass of the reactants

अभिकारकों के द्रव्यमान से कम

Dependent on the temperature of the reaction

प्रतिक्रिया के तापमान पर निर्भर

[Click Here to Challenge Question No.: 45](#)

Q.No: 45 The Wancho tribe of Arunachal Pradesh performs a war dance during which festival?

अरुणाचल प्रदेश की वांचो जनजाति किस त्यौहार के दौरान युद्ध नृत्य करती है?

Hornbill

हॉर्नबिल

Chalo Loku

चलो लोकू

Oriah

ओरियाह

Ojiyele

ओजीयेले

[Click Here to Challenge Question No.: 46](#)

Q.No: 46 Consider the following statements and choose the correct option:

Statement 1: Unlimited convertibility and fixed price conversion affect the credibility of a currency system.**Statement 2:** The international monetary system was established to regulate internal fiscal policies of countries.

निम्नलिखित कथनों पर विचार कीजिए और सही विकल्प चुनिए:

कथन 1: असीमित परिवर्तनीयता और निश्चित मूल्य परिवर्तन मुद्रा प्रणाली की विश्वसनीयता को प्रभावित करते हैं।**कथन 2:** अंतर्राष्ट्रीय मौद्रिक प्रणाली की स्थापना देशों की आंतरिक राजकोषीय नीतियों को विनियमित करने के लिए की गई थी।

Only Statement 1 is correct

केवल कथन 1 सही है

Only Statement 2 is correct

केवल कथन 2 सही है

Both Statement 1 and Statement 2 are correct

कथन 1 और कथन 2 दोनों सही हैं

Neither Statement 1 nor Statement 2 is correct

न तो कथन 1 और न ही कथन 2 सही है

[Click Here to Challenge Question No.: 47](#)

Q.No: 47 Read the below statements marked as Assertion (A) and Reason (R). Mark the correct options:

Assertion (A): Ease of Doing Business (EoDB) report by World Bank was discontinued in 2021.**Reason (R):** Allegations of data manipulation prompted the suspension.

नीचे दिए गए कथनों को अभिकथन (A) और कारण (R) से चिह्नित करें। सही विकल्पों पर निशान लगाएँ:

अभिकथन (A): विश्व बैंक द्वारा जारी की गई ईज ऑफ डूइंग बिज़नेस (EoDB) रिपोर्ट 2021 में बंद कर दी गई।**कारण (R):** डेटा हेरफेर के आरोपों के कारण इसे निलंबित कर दिया गया।

Both A and R are true, and R is the correct explanation of A.

A और R दोनों सत्य हैं, तथा R, A का सही स्पष्टीकरण है।

Both A and R are true, but R is not the correct explanation of A.

A और R दोनों सत्य हैं, लेकिन R, A का सही स्पष्टीकरण नहीं है।

A is true, but R is false.

A सत्य है, लेकिन R असत्य है।

A is false, but R is true.

A गलत है, लेकिन R सत्य है।

[Click Here to Challenge Question No.: 48](#)

Q.No: 48 How did licensing policy under the planning era affect the emergence of large industrial conglomerates?

योजना युग के अंतर्गत लाइसेंसिंग नीति ने बड़े औद्योगिक समूहों के उद्भव को किस प्रकार प्रभावित किया?

It increased FDI inflow

इससे एफडीआई प्रवाह में वृद्धि हुई

It prevented market dominance

इसने बाजार में प्रभुत्व को रोका

It allowed firms to block competitors by hoarding licenses

इसने कंपनियों को लाइसेंस जमा करके प्रतिस्पर्धियों को रोकने की अनुमति दी

It enhanced rural employment

इससे ग्रामीण रोजगार में वृद्धि हुई

[Click Here to Challenge Question No.: 49](#)

Q.No: 49 Consider the following statements on the International Big Cat Alliance:

1. India is the initiator and lead coordinator of the alliance.
2. It focuses on the conservation of 6 species of big cats.
3. The alliance promotes scientific data sharing among member nations.

अंतर्राष्ट्रीय बिग कैट एलायंस पर निम्नलिखित कथनों पर विचार करें:

1. भारत इस गठबंधन का आरंभकर्ता और प्रमुख समन्वयक है।
2. यह बड़ी बिल्लियों की 6 प्रजातियों के संरक्षण पर केंद्रित है।
3. यह गठबंधन सदस्य देशों के बीच वैज्ञानिक डेटा साझाकरण को बढ़ावा देता है।

Only 1 and 2 are correct

केवल 1 और 2 सही हैं

Only 1 and 3 are correct

केवल 1 और 3 सही हैं

Only 2 and 3 are correct

केवल 2 और 3 सही हैं

All 1, 2 and 3 are correct

सभी 1, 2 और 3 सही हैं

Not Answered

[Click Here to Challenge Question No.: 50](#)

Q.No: 50 Privatization in India through disinvestment refers to:

भारत में विनिवेश के माध्यम से निजीकरण का तात्पर्य है:

Complete closure of public enterprises

सार्वजनिक उद्यमों का पूर्ण बंद होना

Issuing bonds to private investors

निजी निवेशकों को बांड जारी करना

Selling part of government equity to public or private entities

सरकारी इक्विटी का कुछ हिस्सा सार्वजनिक या निजी संस्थाओं को बेचना

Merging public and private sectors

सार्वजनिक और निजी क्षेत्रों का विलय

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Roll No.

Candidate Name

Exam Level

: [SSC CGL Tier 1](#) ▼

Test Date

: 22 Sep 2025

Test Time and Shift

: 12:30 PM (Shift-2)

Centre Name

[Correct Option selected](#) [Wrong Option selected](#) [Correct Option](#) [Not Answered](#)[Click Here for PART-A](#)[Click Here for PART-B](#)[Click Here for PART-C](#)[Click Here for PART-D](#)

PART-D (English Comprehension)

[Click Here to Challenge Question No.: 76](#)

Q.No: 76 Read the passage and answer the questions:

Water constitutes approximately 60% of the human body and plays a critical role in nearly every biological function, from regulating temperature to facilitating cellular metabolism. Despite its vital importance, adequate water intake is often overlooked in daily health routines. Dehydration, even at mild levels, can impair cognitive performance, reduce physical endurance, and compromise cardiovascular function. Conversely, over hydration—though rarer—can lead to hyponatremia, a potentially life-threatening condition caused by diluted blood sodium levels.

The amount of water an individual requires varies significantly depending on factors such as age, body size, environmental conditions, and levels of physical activity. While conventional wisdom suggests a daily intake of eight glasses, modern research advocates for a more nuanced approach, emphasizing hydration cues like thirst and the colour of urine as more accurate indicators of bodily needs. Furthermore, water intake is not solely dependent on direct consumption; foods with high water content, such as fruits and vegetables, also contribute substantially to hydration.

In contemporary society, where caffeinated beverages and processed foods are increasingly prevalent, maintaining optimal hydration demands conscious effort. Unlike water, many popular drinks act as diuretics, increasing fluid loss and potentially exacerbating dehydration risks. Health professionals, therefore, encourage not only regular water consumption but also the cultivation of habits that support overall fluid balance, such as moderating caffeine intake and choosing water-rich foods.

Which of the following best captures the author's main concern regarding modern hydration habits?

People drink too much water due to misleading guidelines.

People are unaware that hydration sources include both food and drinks.

People rely excessively on thirst cues without scientific backing.

Modern lifestyle choices complicate maintaining optimal hydration.

[Click Here to Challenge Question No.: 77](#)

Q.No: 77 Read the passage and answer the questions:

Water constitutes approximately 60% of the human body and plays a critical role in nearly every biological function, from regulating temperature to facilitating cellular metabolism. Despite its vital importance, adequate water intake is often overlooked in daily health routines. Dehydration, even at mild levels, can impair cognitive performance, reduce physical endurance, and compromise cardiovascular function. Conversely, over hydration—though rarer—can lead to hyponatremia, a potentially life-threatening condition caused by diluted blood sodium levels.

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In the context of the passage, what does the word "**agonizingly**" most nearly mean?

Rapidly

Painfully slowly

Unnoticeably

Surprisingly efficiently

[Click Here to Challenge Question No.: 78](#)

Q.No: 78 Read the passage and answer the questions:

Water constitutes approximately 60% of the human body and plays a critical role in nearly every biological function, from regulating temperature to facilitating cellular metabolism. Despite its vital importance, adequate water intake is often overlooked in daily health routines. Dehydration, even at mild levels, can impair cognitive performance, reduce physical endurance, and compromise cardiovascular function. Conversely, over hydration—though rarer—can lead to hyponatremia, a potentially life-threatening condition caused by diluted blood sodium levels.

The amount of water an individual requires varies significantly depending on factors such as age, body size, environmental conditions, and levels of physical activity. While conventional wisdom suggests a daily intake of eight glasses, modern research advocates for a more nuanced approach, emphasizing hydration cues like thirst and the colour of urine as more accurate indicators of bodily needs. Furthermore, water intake is not solely dependent on direct consumption; foods with high water content, such as fruits and vegetables, also contribute substantially to hydration.

In contemporary society, where caffeinated beverages and processed foods are increasingly prevalent, maintaining optimal hydration demands conscious effort. Unlike water, many popular drinks act as diuretics, increasing fluid loss and potentially exacerbating dehydration risks. Health professionals, therefore, encourage not only regular water consumption but also the cultivation of habits that support overall fluid balance, such as moderating caffeine intake and choosing water-rich foods.

Which word is a suitable substitute for the word "**Extraordinarily**".

"Deep-sea ecosystems, largely unexplored and poorly understood, are extraordinarily delicate."

Ordinary

Incredibly

Negligible

Enchanting

[Click Here to Challenge Question No.: 79](#)

Q.No: 79 Read the passage and answer the questions:

Water constitutes approximately 60% of the human body and plays a critical role in nearly every biological function, from regulating temperature to facilitating cellular metabolism. Despite its vital importance, adequate water intake is often overlooked in daily health routines. Dehydration, even at mild levels, can impair cognitive performance, reduce physical endurance, and compromise cardiovascular function. Conversely, over hydration—though rarer—can lead to hyponatremia, a potentially life-threatening condition caused by diluted blood sodium levels.

The amount of water an individual requires varies significantly depending on factors such as age, body size, environmental conditions, and levels of physical activity. While conventional wisdom suggests a daily intake of eight glasses, modern research advocates for a more nuanced approach, emphasizing hydration cues like thirst and the colour of urine as more accurate indicators of bodily needs. Furthermore, water intake is not solely dependent on direct consumption; foods with high water content, such as fruits and vegetables, also contribute substantially to hydration.

In contemporary society, where caffeinated beverages and processed foods are increasingly prevalent, maintaining optimal hydration demands conscious effort. Unlike water, many popular drinks act as diuretics, increasing fluid loss and potentially exacerbating dehydration risks. Health professionals, therefore, encourage not only regular water consumption but also the cultivation of habits that support overall fluid balance, such as moderating caffeine intake and choosing water-rich foods.

Identify the sentence that contains a **relative clause**:

The deep sea, far from being an inert wasteland, plays a vital role in carbon sequestration.

Once disturbed, these ecosystems may never return to their original state.

The mechanical extraction of minerals may cause irreversible damage to species uniquely adapted to these environments.

Mining operations disrupt the seabed, releasing plumes of sediment.

[Click Here to Challenge Question No.: 80](#)

Q.No: 80 Read the passage and answer the questions:

Water constitutes approximately 60% of the human body and plays a critical role in nearly every biological function, from regulating temperature to facilitating cellular metabolism. Despite its vital importance, adequate water intake is often overlooked in daily health routines. Dehydration, even at mild levels, can impair cognitive performance, reduce physical endurance, and compromise cardiovascular function. Conversely, over hydration—though rarer—can lead to hyponatremia, a potentially life-threatening condition caused by diluted blood sodium levels.

The amount of water an individual requires varies significantly depending on factors such as age, body size, environmental conditions, and levels of physical activity. While conventional wisdom suggests a daily intake of eight glasses, modern research advocates for a more nuanced approach, emphasizing hydration cues like thirst and the colour of urine as more accurate indicators of bodily needs. Furthermore, water intake is not solely dependent on direct consumption; foods with high water content, such as fruits and vegetables, also contribute substantially to hydration.

In contemporary society, where caffeinated beverages and processed foods are increasingly prevalent, maintaining optimal hydration demands conscious effort. Unlike water, many popular drinks act as diuretics, increasing fluid loss and potentially exacerbating dehydration risks. Health professionals, therefore, encourage not only regular water consumption but also the cultivation of habits that support overall fluid balance, such as moderating caffeine intake and choosing water-rich foods.

In the sentence

"The mechanical extraction of minerals may cause irreversible damage to species uniquely adapted to these high-pressure, low-light environments — many of which remain undiscovered,"

The clause "**many of which remain undiscovered**" is an example of which type of clause?

Adverbial clause

Noun clause

Relative clause

Conditional clause

[Click Here to Challenge Question No.: 81](#)

Q.No: 81 Fill in the blank with the correctly spelt word.

The essay was _____ with references to obscure literary movements.

repllete

replete

repleat

replite

[Click Here to Challenge Question No.: 82](#)

Q.No: 82 Identify the error in the sentence.

We'll go through on the documents before signing them.

through

on

documents

before

[Click Here to Challenge Question No.: 83](#)

Q.No: 83 Choose the correct one-word substitution for the italicized phrase below.

After his passing, the family had beautiful *words inscribed on his tomb* to honor his memory.

Autograph

Epitaph

Manuscript

Memoir

[Click Here to Challenge Question No.: 84](#)

Q.No: 84 Select the most appropriate synonym of the given word: **EPHEMERAL**

Short-lived

Eternal

Constant

Everlasting

[Click Here to Challenge Question No.: 85](#)

Q.No: 85 Select the most appropriate antonym of the given word. **Ostentatious**

☒ Modest

☐ Showy

☐ Flashy

☐ Pretentious

[Click Here to Challenge Question No.: 86](#)

Q.No: 86 Choose the correct meaning of idiom:
Sail close to the wind

☒ Operate at the very edge of legality or propriety

☐ Travel rapidly

☐ Avoid any risk

☐ Seek isolation

[Click Here to Challenge Question No.: 87](#)

Q.No: 87 Choose the correct meaning of idiom:
On tenterhooks

☒ In a state of painful suspense

☐ Physically restrained

☐ Emotionally numb

☐ Confused by contradictions

[Click Here to Challenge Question No.: 88](#)

Q.No: 88 Select the **correct spelling** of a word meaning 'formal release from a criminal charge'.

☒ Acquittal

☐ Acquitall

☐ Acquitat

☐ Aquittal

[Click Here to Challenge Question No.: 89](#)

Q.No: 89 Find the **correct spelling** of a word meaning inappropriate or unsuitable.

☒ Incongruous

☐ Incongreous

☐ Incongrus

☐ Inkongruous

[Click Here to Challenge Question No.: 90](#)

Q.No: 90 Choose the correct **one-word substitute** for: 'A person who attacks cherished beliefs or institutions'.

☒ Iconoclast

☐ Martyr

☐ Monarchist

☐ Idealist

[Click Here to Challenge Question No.: 91](#)

Q.No: 91 **Select the correct option:**

His explanation was neither accurate ___ exhaustive, leaving many gaps.

☐ or

☒ nor

☐ and

☐ but

[Click Here to Challenge Question No.: 92](#)

Q.No: 92 **Find the part of the sentence that contains an error:**

The HR head made the assistant resubmitting (1)/ all the documentation after discovering (2)/ a discrepancy in the date of joining (3)/ for three contractual employees. (4)

☒ (1)

☐ (2)

☐ (3)

☐ (4)

[Click Here to Challenge Question No.: 93](#)

Q.No: 93 **Change the following from active to passive:**

We are going to start the project soon.

☒ The project is going to be started soon.

☐ The project was going to be started soon.

☐ The project is being going to be started soon.

☐ The project has been going to be started soon.

[Click Here to Challenge Question No.: 94](#)

Q.No: 94 **Select the sentence containing the homonym of the highlighted word:**

She **levered** the lid open with a spoon.

☒ The financial leverage helped the startup.

☒ The lever broke off from the old machine.

☐ They learned to leave early.

☐ He lifted it with a metal rod.

[Click Here to Challenge Question No.: 95](#)

Q.No: 95 **Convert the sentence provided below from its passive voice structure to an active voice structure:**

The culprit is believed to have been hiding in the abandoned warehouse for weeks.

People believe the warehouse hid the culprit.

It is believed that someone hid the culprit in the warehouse.

The culprit is believed to have hidden himself in the warehouse.

It is believed that the culprit has been hiding in the warehouse for weeks.

[Click Here to Challenge Question No.: 96](#)

Q.No: 96 **Choose the most suitable option to replace the highlighted part of the sentence:**

The speaker had been **hardly audible due to disturbance**.

barely heard due to the noise

barely audible due to the disturbance

hard to hear because of disturbance

hardly hearing for the noise

[Click Here to Challenge Question No.: 97](#)

Q.No: 97 **Select the correct option for the Direct Speech conversion of the sentence below.**

The ethicist argued that, absent informed consent, the study's methodology was fundamentally untenable.

The ethicist argued, "Absent informed consent, the study's methodology is fundamentally untenable."

The ethicist argued, "If the study lacked informed consent, its methodology had been fundamentally untenable."

The ethicist argued, "Without informed consent, the study's methodology would have been fundamentally untenable."

The ethicist argued, "The study's methodology must have been untenable since it lacked informed consent."

Not Answered

[Click Here to Challenge Question No.: 98](#)

Q.No: 98 **A sentence is provided in direct speech. From the four given options, choose the one that most accurately conveys the sentence in its corresponding indirect speech.**

She said, "I am feeling cold."

She said she is feeling cold.

She said she was feeling cold.

She said she felt cold.

She said she had felt cold.

[Click Here to Challenge Question No.: 99](#)

Q.No: 99 **Rearrange the following sentences to form a coherent paragraph:**

1. These factors include the amount of sunlight received, the composition of the atmosphere, and the Earth's orbit.
2. The long-term variations in Earth's climate are influenced by a complex interplay of natural and anthropogenic factors.
3. The most significant anthropogenic factor is the emission of greenhouse gases from industrial activities.
4. Together, these elements determine the planet's overall energy balance and, consequently, its average temperature.

☒ 2, 1, 4, 3☐ 1, 2, 3, 4☐ 3, 4, 1, 2☐ 4, 2, 3, 1[Click Here to Challenge Question No.: 100](#)

Q.No: 100 Rearrange the following sentences in correct order to make a logical passage.

1. Therefore, maintaining digital privacy is crucial.
2. The internet has become an indispensable part of our lives.
3. However, it also brings significant risks to personal data.
4. Users must be aware of potential threats and take precautions.

☐ 2-1-3-4☐ 2-4-1-3☐ 3-4-2-1☒ 2-3-1-4



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Candidate Name

Exam Level

: SSC CGL Tier 1 ▾

Test Date

: 22 Sep 2025

Test Time and Shift

: 12:30 PM (Shift-2)

Centre Name

Correct Option selected Wrong Option selected Correct Option Not Answered

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PART-C (Quantitative Aptitude)

[Click Here to Challenge Question No.: 51](#)
Q.No: 51 What will come in place of $\underline{?}$ to satisfy the equation : $(\sqrt{5}-1)^2 = ?-2\sqrt{5}$

समीकरण को संतुष्ट करने के लिए ? के स्थान पर क्या आएगा:

$$(\sqrt{5}-1)^2 = ?-2\sqrt{5}$$

7

7

6

6

5

5

4

4

[Click Here to Challenge Question No.: 52](#)

Q.No: 52 What will be the compound interest on a sum of Rs. 25,000 after 3 years at the rate of 10% p.a.?

10% प्रति वर्ष की दर से 3 वर्ष बाद 25,000 रुपये की राशि पर चक्रवृद्धि ब्याज क्या होगा?

8,275

8,275

8,175

8,175

8,270

8,270

8,205

8,205

[Click Here to Challenge Question No.: 53](#)

Q.No: 53 If the simple interest on a certain sum of money for 3 years at 6% per annum is ₹360, what would be the simple interest on the same sum for 5 years at 8% per annum?

यदि किसी निश्चित धनराशि पर 3 वर्षों के लिए 6% प्रति वर्ष की दर से साधारण ब्याज ₹360 है, तो उसी धनराशि पर 5 वर्षों के लिए 8% प्रति वर्ष की दर से साधारण ब्याज क्या होगा?

₹720

₹720

₹800

₹800

₹840

₹840

₹960

₹960

[Click Here to Challenge Question No.: 54](#)

Q.No: 54 The decimal 0.875 is best classified as:

दशमलव 0.875 को सर्वोत्तम रूप से इस प्रकार वर्गीकृत किया गया है:

Whole Number

पूर्ण संख्या

Irrational Number

अपरिमेय संख्या

Integer

पूर्णांक

Rational Number

परिमेय संख्या

[Click Here to Challenge Question No.: 55](#)

Q.No: 55 An athlete runs a 300-meter race in 25 seconds. His speed in km/h is:

एक एथलीट 300 मीटर की दौड़ 25 सेकंड में पूरी करता है। उसकी गति किमी/घंटे में है:

43.2 km/hr

43.2 किमी/घंटा

32 km/h

32 किमी/घंटा

40 km/h

40 किमी/घंटा

38 km/hr

38 किमी/घंटा

[Click Here to Challenge Question No.: 56](#)

Q.No: 56 A pyramid is inscribed inside a cube with edge 12 cm, sharing the base and apex at center of top. Find volume of pyramid.

एक पिरामिड 12 सेमी किनारे वाले एक घन के अंदर बना है, जिसका आधार और शीर्ष शीर्ष के केंद्र पर स्थित है। पिरामिड का आयतन ज्ञात कीजिए।

476 cm²

476 सेमी²

576 cm²

576 सेमी²

500 cm²

500 सेमी²

400 cm²

400 सेमी²

[Click Here to Challenge Question No.: 57](#)

Q.No: 57 A, B, and C invest in the ratio 4:5:6. The time ratio is 3:2:1. What is the ratio of their profits?

A, B और C 4:5:6 के अनुपात में निवेश करते हैं। समय अनुपात 3:2:1 है। उनके लाभ का अनुपात क्या है?

10:12:6

10:12:6

6:5:3

6:5:3

4:5:6

4:5:6

2:3:1

2:3:1

[Click Here to Challenge Question No.: 58](#)

Q.No: 58 A rectangular field has an area of 600 square meters. If its length were increased by 10 meters and its width decreased by 2 meters, the area of the field would remain the same. Find the original dimensions (length and width) of the field.

एक आयताकार मैदान का क्षेत्रफल 600 वर्ग मीटर है। यदि इसकी लंबाई 10 मीटर बढ़ा दी जाए और चौड़ाई 2 मीटर कम कर दी जाए, तो मैदान का क्षेत्रफल वही रहेगा। मैदान की मूल विमाएँ (लंबाई और चौड़ाई) ज्ञात कीजिए।

Length = 60 m, Width = 10 m

लंबाई = 60 मीटर, चौड़ाई = 10 मीटर

Length = 40 m, Width = 15 m

लंबाई = 40 मीटर, चौड़ाई = 15 मीटर

Length = 50 m, Width = 12 m

लंबाई = 50 मीटर, चौड़ाई = 12 मीटर

Length = 75 m, Width = 8 m

लंबाई = 75 मीटर, चौड़ाई = 8 मीटर

[Click Here to Challenge Question No.: 59](#)

Q.No: 59 A garden is in the shape of a regular hexagon, each side 20 m. If 5% of it is occupied by a circular fountain, find the remaining area.

एक बगीचा समषट्भुज के आकार का है, जिसकी प्रत्येक भुजा 20 मीटर है। यदि इसका 5% भाग एक वृत्ताकार फव्वारे द्वारा घेरा हुआ है, तो शेष क्षेत्रफल ज्ञात कीजिए।

987.24 m²

987.24 m²

786.56 m²

786.56 m²

1, 078.6 m²

1, 078.6 m²

1, 092.4 m²

1, 092.4 m²

[Click Here to Challenge Question No.: 60](#)

Q.No: 60 The weights of three friends are in the ratio 7:8:9. If each gains 5 kg, the new ratio becomes 12:13:14. What is the original weight of the heaviest friend?

तीन दोस्तों का वज़न 7:8:9 के अनुपात में है। अगर प्रत्येक का वज़न 5 किग्रा बढ़ जाए, तो नया अनुपात 12:13:14 हो जाता है। सबसे भारी दोस्त का मूल वज़न क्या है?

5 kg

5 किग्रा

7 kg

7 किग्रा

9 kg

9 किग्रा

11 kg

11 किग्रा

[Click Here to Challenge Question No.: 61](#)

Q.No: 61 A triangular field has side lengths in the ratio 2:3:4 and perimeter 72 m. What is the area?

एक त्रिभुजाकार मैदान की भुजाओं की लंबाई का अनुपात 2:3:4 है और परिमाप 72 मीटर है। इसका क्षेत्रफल क्या है?

216 m²

216 मीटर²

186 m²

186 मीटर²

432 m²

432 मीटर²

360 m²

360 मीटर²

[Click Here to Challenge Question No.: 62](#)

Q.No: 62 The value of a machine depreciates 10% in the first year, 20% in the second year, and 30% in the third year. If the initial value was Rs. 10,000, what is its value at the end of 3 years?

एक मशीन का मूल्य पहले वर्ष में 10%, दूसरे वर्ष में 20% और तीसरे वर्ष में 30% कम हो जाता है। अगर प्रारंभिक मूल्य ₹10,000 था, तो 3 वर्ष के अंत में इसका मूल्य क्या होगा?

Rs. 5040

5040 रुपये

Rs. 5600

5600 रुपये

Rs. 5800

5800 रुपये

Rs. 6200

6200 रुपये

[Click Here to Challenge Question No.: 63](#)

Q.No: 63 An electronics dealer marks an item 60% above cost and offers a festival discount of 25%, plus a cashback of Rs. 300 on the final selling price. If he still makes a 10% profit, what is the cost price?

एक इलेक्ट्रॉनिक्स विक्रेता किसी वस्तु पर उसकी लागत से 60% ज्यादा कीमत अंकित करता है और 25% की त्यौहारी छूट के साथ-साथ अंतिम बिक्री कीमत पर 300 रुपये का कैशबैक भी देता है। अगर उसे फिर भी 10% का लाभ होता है, तो लागत कीमत क्या है?

Rs. 3300

3300 रुपये

Rs. 3000

3000 रुपये

Rs. 3100

3100 रुपये

Rs. 3200

3200 रुपये

[Click Here to Challenge Question No.: 64](#)

Q.No: 64 Athar can do a certain work in the same time in which Baban and Chetan together can do it. If Athar and Baban together could do it in 10 days and Chetan alone in 50 days, then Baban alone could do it in:

अतहर एक काम उतने ही समय में कर सकता है, जितने समय में बबन और चेतन मिलकर उसे कर सकते हैं। अगर अतहर और बबन मिलकर उसे 10 दिनों में और चेतन अकेले 50 दिनों में कर सकते हैं, तो बबन अकेले उसे कितने दिनों में कर सकता है?

20 days

20 दिन

25 days

25 दिन

30 days

30 दिन

27 days

27 दिन

[Click Here to Challenge Question No.: 65](#)

Q.No: 65 A storage box is in the shape of a right rectangular prism with internal dimensions 50 cm × 40 cm × 30 cm. How many liters can it hold?

एक भंडारण बॉक्स एक समकोण आयताकार प्रिज्म के आकार का है और इसके आंतरिक आयाम 50 सेमी × 40 सेमी × 30 सेमी हैं। इसमें कितने लीटर पानी आ सकता है?

50

50

60

60

40

40

70

70

[Click Here to Challenge Question No.: 66](#)

Q.No: 66 A trader bought 5 varieties of rice whose weights are in the ratio 2:3:4:5:6. Their respective prices per kg are Rs. 40, Rs. 42, Rs. 45, Rs. 48, and Rs. 50. What is the average cost per kg of the mixture?

एक व्यापारी ने चावल की 5 किस्में खरीदीं जिनके वज़न का अनुपात 2:3:4:5:6 है। प्रति किलोग्राम उनकी कीमतें क्रमशः ₹40, ₹42, ₹45, ₹48 और ₹50 हैं। मिश्रण का प्रति किलोग्राम औसत मूल्य क्या है?

Rs. 46.8

46.8 रुपये

Rs. 44.1

44.1 रुपये

Rs. 44.8

44.8 रुपये

Rs. 46.3

46.3 रुपये

[Click Here to Challenge Question No.: 67](#)

Q.No: 67 An alloy contains tin and copper in the ratio 5:3. A second alloy contains tin and copper in the ratio 3:1. What quantity of the first alloy must be mixed with 20 kg of the second alloy to produce a new alloy with tin and copper in the ratio 4:2?

एक मिश्रधातु में टिन और ताँबा का अनुपात 5:3 है। एक दूसरी मिश्रधातु में टिन और ताँबा का अनुपात 3:1 है। 4:2 के अनुपात वाली टिन और ताँबा वाली एक नई मिश्रधातु बनाने के लिए पहली मिश्रधातु की कितनी मात्रा को दूसरी मिश्रधातु के 20 किग्रा में मिलाया जाना चाहिए?

10 kg

10 किग्रा

30 kg

30 किग्रा

40 kg

40 किग्रा

60 kg

60 किग्रा

[Click Here to Challenge Question No.: 68](#)Q.No: 68 If $\sin A = \frac{2}{3}$, find the value of $(3\sin A - 4\cos A)^2 + (4\sin A + 3\cos A)^2$.यदि $\sin A = \frac{2}{3}$, $(3\sin A - 4\cos A)^2 + (4\sin A + 3\cos A)^2$ का मान ज्ञात ज्ञात कीजिए।

25

25

18

18

13

13

34

34

[Click Here to Challenge Question No.: 69](#)Q.No: 69 If $\sin A + \cos A = \sqrt{2}$, then find $\sin^3 A + \cos^3 A$.यदि $\sin A + \cos A = \sqrt{2}$, तो $\sin^3 A + \cos^3 A$ ज्ञात कीजिए। $\frac{\sqrt{2}}{2}$ $\frac{\sqrt{2}}{2}$ $\frac{\sqrt{2}}{5}$ $\frac{\sqrt{2}}{5}$ $\frac{\sqrt{3}}{2}$ $\frac{\sqrt{3}}{2}$ $\frac{\sqrt{5}}{2}$ $\frac{\sqrt{5}}{2}$ [Click Here to Challenge Question No.: 70](#)Q.No: 70 Are these lines $y = 2x + 3$ and $y = -\frac{1}{2}x - 1$ perpendicular?क्या ये रेखाएँ $y = 2x + 3$ और $y = -\frac{1}{2}x - 1$ लंबवत हैं?

Yes

हाँ

No

नहीं

Only if they intersect at origin

केवल तभी जब वे मूल बिंदु पर प्रतिच्छेद करें

Cannot be determined

तय नहीं किया जा सकता

[Click Here to Challenge Question No.: 71](#)Q.No: 71 If $\sin x = \cos(5x - 60^\circ)$, then what is the value of x ?यदि $\sin x = \cos(5x - 60^\circ)$ है, तो x का मान क्या है?

30°

30°

25°

25°

18°

18°

20°

20°

[Click Here to Challenge Question No.: 72](#)

Q.No: 72 Two angles are complementary. The measure of one angle is 10 degrees more than three times the measure of the other angle. What is the measure of the smaller angle?

दो कोण पूरक हैं। एक कोण का माप दूसरे कोण के माप के तीन गुने से 10 डिग्री अधिक है। छोटे कोण का माप क्या है?

20°

20°

25°

25°

70°

70°

80°

80°

[Click Here to Challenge Question No.: 73](#)Q.No: 73 In a triangle ABC, if the angle bisectors of $\angle B$ and $\angle C$ intersect at point I, and $\angle BIC = 110^\circ$, what is the measure of $\angle A$?त्रिभुज ABC में, यदि $\angle B$ और $\angle C$ के कोण समद्विभाजक बिंदु I पर प्रतिच्छेद करते हैं, तथा $\angle BIC = 110^\circ$ है, तो $\angle A$ का माप क्या है?

20°

20°

40°

40°

50°

50°

60°

60°

[Click Here to Challenge Question No.: 74](#)

Q.No: 74 Simplify:

$$(\sqrt{3} + \sqrt{2})^2$$

सरल करें:

$$(\sqrt{3} + \sqrt{2})^2$$

$$5 + 2\sqrt{6}$$

$$5 + 2\sqrt{6}$$

$$5 - 2\sqrt{6}$$

$$5 - 2\sqrt{6}$$

$$1 + 2\sqrt{6}$$

$$1 + 2\sqrt{6}$$

$$1 - 2\sqrt{6}$$

$$1 - 2\sqrt{6}$$

[Click Here to Challenge Question No.: 75](#)

Q.No: 75 In triangle PQR, ST is parallel to QR. If PS=5cm, SQ=10cm, and PT=6cm, find TR.

त्रिभुज PQR में, ST, QR के समांतर है। यदि PS=5 सेमी, SQ=10 सेमी, और PT=6 सेमी है, तो TR ज्ञात कीजिए।

10 cm

10सेमी,

8 cm

8 सेमी,

12 cm

12सेमी,

6 cm

6 सेमी,