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SSC ONL INE EXAMINATION

[redacted]

Roll No.

Candidate Name

Exam Level : SSC CHSL Tier 1

Test Date : 13 Nov 2025

Test Time and Shift : 05:00 PM (Shift-3)

Centre Name

Correct Option selected | Wrong Option selected | Correct Option | Not Answered

Save / Print

Click Here for PART-A | Click Here for PART-B | Click Here for PART-C | Click Here for PART-D

PART-A (English Language (Basic Knowledge))

Click Here to Challenge Question No.: 1

Q.No: 1 **Identify the part of the sentence that contains a grammatical error.**
A. The main affect B. of the new policy C. will be an increase D. in productivity.

The main affect
of the new policy
will be an increase
in productivity

Click Here to Challenge Question No.: 2

Q.No: 2 **Fill in the blank with the most appropriate preposition:**
His promotion was contingent _____ the outcome of the annual review.

upto

to

on

into

Click Here to Challenge Question No.: 3

Q.No: 3 Select the most appropriate synonym of the word: **TRANSHISTORICAL**

Timeless

Ancient

Recent

Futuristic

Click Here to Challenge Question No.: 4

Q.No: 4 Choose the correctly spelt word:

Extroversion

Extroversoin

Extroverssion

Extroversin

Click Here to Challenge Question No.: 5

Q.No: 5 Which of the following sentences uses the word "minute" with the **same meaning** as in the following sentence?
"The microscope revealed a minute speck of dust"

The meeting will start in a few minutes.

I was just a minute away from being late.

The camera captured every minute detail of the insect's wing.

The alarm went off in exactly sixty seconds, or one minute.

Click Here to Challenge Question No.: 6

Q.No: 6 Choose the correctly spelt word:

Business

Busyness

Bussiness

Buseness

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Click Here to Challenge Question No.: 7

Q.No: 7 **Read the following passage and answer the questions based on it:**

The idea of progress has always gone hand in hand with the evolution of human beings and the invention of technology. Each technological revolution has unearthed revolutionary changes that have rewritten the human experience in the past. From the invention of the printing press to the invention of the internet, technological breakthroughs have shaped the manner in which we live, work, and communicate. But with our arrival in an age of artificial intelligence, automation, and biotechnology comes a growing paradox: while these technologies offer unparalleled convenience and power, they also undermine tried-and-true social forms and erode the very notion of what it means to be human. Technological advances, first of all, have provided standards of living much better. Medical advances like gene editing and precision medicine hold the promise to cure diseases that were once thought incurable. Communication technology has made the world think alike in ways that people could not have imagined a couple of decades ago, with people able to work together across borders and cultures with relative ease. But the same technology has profound implications. Automation is taking away jobs for millions of people, particularly where human labor can be automated. The speed of innovation has left millions behind, and with it there is a feeling of disconnection, fear for the future. Secondly, our dependence on technology is creating basic questions regarding privacy, security, and freedom. As we introduce AI into everyday life, do we have to sit back and ask ourselves: are we Master of Technology, or is technology the master of us? The paradox of progress, then, is in its double-edged nature. On one hand, technology comes bearing answers to some of humankind's biggest problems, yet it also brings new issues that human beings must resolve in order to make progress mean a more just and sustainable tomorrow.

What is the main paradox introduced in the passage regarding technological advancements?

Technology always improves the quality of life

Technology eliminates all forms of labor

Technology offers convenience but also undermines social structures and the notion of being human

Technology solves all human problems without consequences

Click Here to Challenge Question No.: 8

Q.No: 8 **Read the following passage and answer the questions based on it:**

The idea of progress has always gone hand in hand with the evolution of human beings and the invention of technology. Each technological revolution has unearthed revolutionary changes that have rewritten the human experience in the past. From the invention of the printing press to the invention of the internet, technological breakthroughs have shaped the manner in which we live, work, and communicate. But with our arrival in an age of artificial intelligence, automation, and biotechnology comes a growing paradox: while these technologies offer unparalleled convenience and power, they also undermine tried-and-true social forms and erode the very notion of what it means to be human. Technological advances, first of all, have provided standards of living much better. Medical advances like gene editing and precision medicine hold the promise to cure diseases that were once thought incurable. Communication technology has made the world think alike in ways that people could not have imagined a couple of decades ago, with people able to work together across borders and cultures with relative ease. But the same technology has profound implications. Automation is taking away jobs for millions of people, particularly where human labor can be automated. The speed of innovation has left millions behind, and with it there is a feeling of disconnection, fear for the future. Secondly, our dependence on technology is creating basic questions regarding privacy, security, and freedom. As we introduce AI into everyday life, do we have to sit back and ask ourselves: are we Master of Technology, or is technology the master of us? The paradox of progress, then, is in its double-edged nature. On one hand, technology comes bearing answers to some of humankind's biggest problems, yet it also brings new issues that human beings must resolve in order to make progress mean a more just and sustainable tomorrow.

According to the passage, what has been one of the positive impacts of technological advances?

Automation has reduced job loss

Medical advances such as gene editing and precision medicine promise to cure previously incurable diseases

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Communication technology has caused more isolation

Technological advances have had no impact on the standard of living

Click Here to Challenge Question No.: 9

Q.No: 9 **Read the following passage and answer the questions based on it:**

The idea of progress has always gone hand in hand with the evolution of human beings and the invention of technology. Each technological revolution has unearthed revolutionary changes that have rewritten the human experience in the past. From the invention of the printing press to the invention of the internet, technological breakthroughs have shaped the manner in which we live, work, and communicate. But with our arrival in an age of artificial intelligence, automation, and biotechnology comes a growing paradox: while these technologies offer unparalleled convenience and power, they also undermine tried-and-true social forms and erode the very notion of what it means to be human. Technological advances, first of all, have provided standards of living much better. Medical advances like gene editing and precision medicine hold the promise to cure diseases that were once thought incurable. Communication technology has made the world think alike in ways that people could not have imagined a couple of decades ago, with people able to work together across borders and cultures with relative ease. But the same technology has profound implications. Automation is taking away jobs for millions of people, particularly where human labor can be automated. The speed of innovation has left millions behind, and with it there is a feeling of disconnection, fear for the future. Secondly, our dependence on technology is creating basic questions regarding privacy, security, and freedom. As we introduce AI into everyday life, do we have to sit back and ask ourselves: are we Master of Technology, or is technology the master of us? The paradox of progress, then, is in its double-edged nature. On one hand, technology comes bearing answers to some of humankind's biggest problems, yet it also brings new issues that human beings must resolve in order to make progress mean a more just and sustainable tomorrow.

What negative consequence of technology is mentioned in the passage?

It makes life more comfortable

It creates a sense of disconnection and fear for the future

It helps people across borders and cultures

It eliminates the need for privacy

Click Here to Challenge Question No.: 10

Q.No: 10 **Read the following passage and answer the questions based on it:**

The idea of progress has always gone hand in hand with the evolution of human beings and the invention of technology. Each technological revolution has unearthed revolutionary changes that have rewritten the human experience in the past. From the invention of the printing press to the invention of the internet, technological breakthroughs have shaped the manner in which we live, work, and communicate. But with our arrival in an age of artificial intelligence, automation, and biotechnology comes a growing paradox: while these technologies offer unparalleled convenience and power, they also undermine tried-and-true social forms and erode the very notion of what it means to be human. Technological advances, first of all, have provided standards of living much better. Medical advances like gene editing and precision medicine hold the promise to cure diseases that were once thought incurable. Communication technology has made the world think alike in ways that people could not have imagined a couple of decades ago, with people able to work together across borders and cultures with relative ease. But the same technology has profound implications. Automation is taking away jobs for millions of people, particularly where human labor can be automated. The speed of innovation has left millions behind, and with it there is a feeling of disconnection, fear for the future. Secondly, our dependence on technology is creating basic questions regarding privacy, security, and freedom. As we introduce AI into everyday life, do we have to sit back and ask ourselves: are we Master of Technology, or is technology the master of us? The paradox of progress, then, is in its double-edged nature. On one hand, technology comes bearing answers to some of humankind's biggest problems, yet it also brings new issues that human beings must resolve in order to make progress mean a more just and sustainable tomorrow.

What question does the passage raise about our relationship with technology?

How can we make technology more affordable?

How can we use technology to solve political conflicts?

Are we masters of technology, or is technology the master of us?

Should we stop using technology altogether?

Click Here to Challenge Question No.: 11

Q.No: 11 **Read the following passage and answer the questions based on it:**

The idea of progress has always gone hand in hand with the evolution of human beings and the invention of technology. Each technological revolution has unearthed revolutionary changes that have rewritten the human experience in the past. From the invention of the printing press to the invention of the internet, technological breakthroughs have shaped the manner in which we live, work, and communicate. But with our arrival in an age of artificial intelligence, automation, and biotechnology comes a growing paradox: while these technologies offer unparalleled convenience and power, they also undermine tried-and-true social forms and erode the very notion of what it means to be human. Technological advances, first of all, have provided standards of living much better. Medical advances like gene editing and precision medicine hold the promise to cure diseases that were once thought incurable. Communication technology has made the world think alike in ways that people could not have imagined a couple of decades ago, with people able to work together across borders and cultures with relative ease. But the same technology has profound implications. Automation is taking away jobs for millions of people, particularly where human labor can be automated. The speed of innovation has left millions behind, and with it there is a feeling of disconnection, fear for the future. Secondly, our dependence on technology is creating basic questions regarding privacy, security, and freedom. As we introduce AI into everyday life, do we have to sit back and ask ourselves: are we Master of Technology, or is technology the master of us? The paradox of progress, then, is in its double-edged nature. On one hand, technology comes bearing answers to some of humankind's biggest problems, yet it also brings new issues that human beings must resolve in order to make progress mean a more just and sustainable tomorrow.

What does the passage suggest is necessary to make progress more just and sustainable?

Increasing dependence on technology

Resolving the new issues brought by technology

Limiting technological innovations

Relying solely on automation to solve problems

Click Here to Challenge Question No.: 12

Q.No: 12 Choose the correct meaning of the idiom: **Part and parcel**

A small, unimportant detail

A non-essential part of a whole

An integral and unavoidable component

A delivery service for packages

Click Here to Challenge Question No.: 13

Q.No: 13 Select the most appropriate antonym of the word: **Credulous**

Trusting

Skeptical

Gullible

Naive

Click Here to Challenge Question No.: 14

Q.No: 14 **Choose the correct one-word substitute for:**
The killing of one's own mother.

Matricide

Patricide

Homicide

Fratricide

Click Here to Challenge Question No.: 15

Q.No: 15 **Choose the correct one-word substitute for:**
A large-scale departure of people from one place

Exodus

Emigration

Immigration

Migration

Click Here to Challenge Question No.: 16

Q.No: 16 **Change the following sentence into the Active form.**
A new bridge is being constructed by the city council.

The city council is constructing a new bridge.

A new bridge constructed the city council.

The city council constructed a new bridge.

The city council has constructed a new bridge.

Click Here to Challenge Question No.: 17

Q.No: 17 Select the most appropriate antonym of the word: **Ineffable**

Expressible

Inarticulate

Unfathomable

Indescribable

Click Here to Challenge Question No.: 18

Q.No: 18 **Select the option that expresses the given sentence in indirect voice.**
The manager said, "We will make a decision by Friday."

The manager said that they would make a decision by Friday.

The manager said that we would make a decision by Friday.

The manager said that they will make a decision by Friday.

The manager said that we will make a decision by Friday.

Click Here to Challenge Question No.: 19

Q.No: 19 Choose the most suitable option to replace the highlighted part of the sentence:
Twenty minutes has been the time I need to get ready for the party.

Twenty minutes are the time

Twenty minutes is the time

Twenty minute is the time

Twenty minutes are the time needed

Click Here to Challenge Question No.: 20

Q.No: 20 Choose the most suitable option to replace the highlighted part of the sentence:
Necessity being the mother of invention, he resourcefully modifies the Rover to go on long drives even though **it have originally designed for short one.**

it has originally have been designed for short one

it has originally been designed for short ones

it has originally was designed for short ones

it has originally has been designed to short one

Click Here to Challenge Question No.: 21

Q.No: 21 **Choose the correct passive voice transformation of the sentence:**
The renowned author's newest novel will have been released by the end of the year.

The renowned author will have been releasing his newest novel by the end of the year.

The renowned author will release his newest novel by the end of the year.

The renowned author will have released his newest novel by the end of the year.

The renowned author has released his newest novel by the end of the year.

Click Here to Challenge Question No.: 22

Q.No: 22 **Choose the correct passive voice transformation of the sentence:**
You should have kept us informed about the progress of the investigation.

We should be kept informed about the progress of the investigation by you.

We should have been kept informed about the progress of the investigation by you.

We should have been keeping informed about the progress of the investigation by you.

We should have kept informed about the progress of the investigation by you.

Click Here to Challenge Question No.: 23

Q.No: 23 **Select the option that expresses the given sentence in direct voice.**
The manager told the team that their hard work and dedication had been noticed and appreciated.

The manager said, "Your hard work and dedication had been noticed and appreciated."

The manager said, "Your hard work and dedication have been noticed and appreciated."

The manager told the team, "Their hard work and dedication had been noticed and appreciated."

The manager said, "Their hard work and dedication were noticed and appreciated."

Click Here to Challenge Question No.: 24

Q.No: 24 **Select the option that expresses the given sentence in direct voice.**
He asked me if I would have been able to finish the report that day if he had not helped me with the research, which had been a very tedious process.

"Would you have been able to finish the report today if I had not helped you with the research, which was a very tedious process?" he asked me.

"Will you have been able to finish the report today if I did not help you with the research, which was a very tedious process?" he asked me.

"Would you have been able to finish the report that day if I had not helped you with the research, which had been a very tedious process?" he asked me.

"Could you finish the report today if I had not helped you with the research, which was a very tedious process?" he asked me.

Click Here to Challenge Question No.: 25

Q.No: 25 **Rearrange the following sentence parts to form a meaningful and grammatically correct paragraph:**
P. She created a decadent batter and baked three layers of cake flawlessly.
Q. The finished cake was a stunning design, prepared for the celebration and the candles.
R. She coated the outside of the entire cake after stacking the layers with icing between them.
S. Before gently levelling each cake layer, she created a light and creamy icing.

S, P, R, Q

P, S, R, Q

Q, S, R, P

R, S, P, Q

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SSC ONLINE EXAMINATION

Roll No.

Candidate Name

Exam Level : SSC CHSL Tier 1

Test Date : 13 Nov 2025

Test Time and Shift : 05:00 PM (Shift-3)

Centre Name

Correct Option selected | Wrong Option selected | Correct Option | Not Answered

Save / Print

Click Here for PART-A | Click Here for PART-B | Click Here for PART-C | Click Here for PART-D

PART-C (Quantitative Aptitude (Basic Arithmetic Skill))

Click Here to Challenge Question No.: 51

Q.No: 51 A bicycle is sold for ₹1800 at a loss of 10%. At what price should it be sold to gain 15%?

एक साइकिल 10% की हानि पर ₹1800 में बेची जाती है। 15% लाभ कमाने के लिए इसे किस कीमत पर बेचा जाना चाहिए?

₹2000
₹2000

₹2100
₹2100

₹2250
₹2250

₹2300

₹2300

Click Here to Challenge Question No.: 52

Q.No: 52 A, B, and C started a business. A contributed Rs. 12,000, B contributed Rs. 15,000, and C contributed Rs. 18,000. After 6 months, B withdrew Rs. 5,000, while C added Rs. 10,000. If the total profit at the end of the year is Rs. 54,000, how much did C receive?

A, B और C ने एक व्यवसाय शुरू किया। A ने 12,000 रुपये, B ने 15,000 रुपये और C ने 18,000 रुपये का योगदान दिया। 6 महीने बाद, B ने 5,000 रुपये निकाल लिए, जबकि C ने 10,000 रुपये जोड़े। यदि वर्ष के अंत में कुल लाभ 54,000 रुपये है, तो C को कितना लाभ हुआ?

₹26,147
₹26,147

₹24,901
₹24,901

₹14,000
₹14,000

₹17,890
₹17,890

Not Answered

Click Here to Challenge Question No.: 53

Q.No: 53 **Simplify the expression:** $\sin x \cot x + \cos x \tan x$.

अभिव्यक्ति को सरल करें: $\sin x \cot x + \cos x \tan x$.

-2
-2

$\sin x \cos x$
$\sin x \cos x$

$2 \cos x$
$2 \cos x$

$\sin x + \cos x$
$\sin x + \cos x$

Click Here to Challenge Question No.: 54

Q.No: 54 If the ratio of chairs to tables is 3:2 and there are 30 chairs, how many tables are there?

यदि कुर्सियों और मेजों का अनुपात 3:2 है और 30 कुर्सियाँ हैं, तो कितनी मेजें हैं?

20
20

18
18

12
12

15
15

Click Here to Challenge Question No.: 55

Q.No: 55 The compound interest on ₹8,000 for 1 year 6 months at 20% p.a., compounded half-yearly, is:

₹8,000 पर 1 वर्ष 6 महीने के लिए 20% प्रति वर्ष की दर से अर्धवार्षिक रूप से संयोजित चक्रवृद्धि ब्याज है:

₹2,880
₹2,880

₹2,400
₹2,400

₹2,648
₹2,648

₹3,000
₹3,000

Click Here to Challenge Question No.: 56

Q.No: 56 A man deposits ₹1,50,000 at a CI rate of 10% p.a. After the first year's interest is credited, he withdraws 50% of the interest earned. What is his account balance at the end of the second year?

एक व्यक्ति 10% वार्षिक चक्रवृद्धि ब्याज दर पर ₹1,50,000 जमा करता है। पहले वर्ष का ब्याज जमा होने के बाद, वह अर्जित ब्याज का 50% निकाल लेता है। दूसरे वर्ष के अंत में उसके खाते में शेष राशि क्या है?

₹1,65,000
₹1,65,000

₹1,72,000
₹1,72,000

₹1,73,250
₹1,73,250

₹1,75,000
₹1,75,000

Click Here to Challenge Question No.: 57

Q.No: 57 The ratio of two numbers is 3:4 and their LCM is 120. What is the sum of the two numbers?

दो संख्याओं का अनुपात 3:4 है और उनका लघुत्तम समापवर्त्य 120 है। दोनों संख्याओं का योग क्या है?

70
70

140
140

35

	35
	105 105

Click Here to Challenge Question No.: 58

Q.No: 58	The average age of 20 students is 18 years. A group of 5 new students joins, increasing the average to 20 years. Find the average age of the 5 new students. 20 छात्रों की औसत आयु 18 वर्ष है। 5 नए छात्रों का एक समूह शामिल होता है, जिससे औसत आयु 20 वर्ष हो जाती है। 5 नए छात्रों की औसत आयु ज्ञात कीजिए।
	30 30
	32 32
	28 28
	34 34

Click Here to Challenge Question No.: 59

Q.No: 59	Which of the following is the least? निम्नलिखित में से कौन सा सबसे कम है?
	18% of 450 450 का 18%
	20% of 380 380 का 20%
	25% of 300 300 का 25%
	30% of 240 240 का 30%

Click Here to Challenge Question No.: 60

Q.No: 60	Ravi goes to school at a speed of 5 km/h and returns home at 3 km/h. If the total time taken is 2 hours, what is the distance between his home and school? रवि 5 km/h की गति से स्कूल जाता है और 3 km/h की गति से घर लौटता है। यदि उसे कुल 2 hours का समय लगता है, तो उसके घर और स्कूल के बीच की दूरी कितनी है?
	2.75 km 2.75 km
	3.25 km 3.25 km

■	3.75 km 3.75 km
	4.25 km 4.25 km

Click Here to Challenge Question No.: 61

Q.No: 61	A, B, C together finish a job in 8 days. A and B together take 12 days, while B and C together take 16 days. In how many days can C alone finish the job? A, B, C मिलकर एक काम 8 दिनों में पूरा करते हैं। A और B मिलकर 12 दिन लेते हैं, जबकि B और C मिलकर 16 दिन लेते हैं। C अकेले उस काम को कितने दिनों में पूरा कर सकता है?
	18 days 18 दिन
	20 days 20 दिन
■	24 days 24 दिन
	30 days 30 दिन

Click Here to Challenge Question No.: 62

Q.No: 62	In a sale, a shopkeeper offers a 15% discount on clothes if you buy more than two items. Priya buys four shirts for ₹2040. If the shopkeeper still makes a 20% profit, find the profit the shopkeeper would make if he had sold the clothes at full price. एक सेल में, एक दुकानदार दो से ज़्यादा कपड़े खरीदने पर 15% की छूट देता है। प्रिया ₹2040 में चार कमीज़ें खरीदती है। अगर दुकानदार को फिर भी 20% का मुनाफ़ा होता है, तो बताइए कि अगर दुकानदार ने कपड़े पूरी कीमत पर बेचे होते, तो उसे कितना मुनाफ़ा होता।
	₹600 ₹600
■	₹700 ₹700
	₹800 ₹800
	₹900 ₹900
Not Answered	

Click Here to Challenge Question No.: 63

Q.No: 63	At simple interest, a certain amount of money doubles in five years. What is the interest rate? साधारण ब्याज पर, एक निश्चित राशि पाँच वर्षों में दोगुनी हो जाती है। ब्याज दर क्या है?
■	20%

	20%
	25% 25%
	30% 30%
	40% 40%

Click Here to Challenge Question No.: 64

Q.No: 64 A solid right circular cylinder is melted down and recast into a right circular cone with the same base radius. If the cylinder's height is h , what is the height of the cone?

एक ठोस समकोणीय बेलन को पिघलाकर उसी आधार त्रिज्या के साथ एक समकोणीय शंकु में ढाला जाता है। यदि बेलन की ऊँचाई h है, तो शंकु की ऊँचाई क्या होगी?

	3h 3h
	6h 6h
	4h 4h
	5h 5h

Click Here to Challenge Question No.: 65

Q.No: 65 What is the value of the expression $\sqrt{(12345)^2 + 12345 + 12346}$?

$\sqrt{(12345)^2 + 12345 + 12346}$ व्यंजक का मान क्या है?

	12345 12345
	12346 12346
	12347 12347
	12344 12344

Not Answered

Click Here to Challenge Question No.: 66

Q.No: 66 A container can hold 50 liters of milk. First, 5 liters of milk are removed and the same amount of water is poured in to refill the container. The mixture is then thoroughly stirred. This entire process of removing 5 liters of liquid and replacing it with water is carried out once again.
After these two successive operations, how many liters of pure milk remain in the container?

एक बर्तन में 50 लीटर दूध आ सकता है। सबसे पहले, बर्तन में से 5 लीटर दूध निकाला जाता है और उतना ही पानी डालकर उसे फिर से भरा जाता है। फिर मिश्रण को अच्छी तरह से हिलाया जाता है। 5 लीटर तरल निकालने और उसकी जगह पानी डालने की यह पूरी प्रक्रिया एक बार फिर दोहराई जाती है।
इन दो क्रमिक क्रियाओं के बाद, बर्तन में कितने लीटर शुद्ध दूध शेष रह जाता है?

- 40 liters
  40 लीटर
- 45 liters
  45 लीटर
- 40.5 liters
  40.5 लीटर
- 38.5 liters
  38.5 लीटर

Click Here to Challenge Question No.: 67

Q.No: 67 The numerical value of the volume of a hemisphere is equal to the numerical value of its total surface area. What is the radius of this hemisphere in units?

एक अर्धगोले के आयतन का संख्यात्मक मान उसके कुल पृष्ठीय क्षेत्रफल के संख्यात्मक मान के बराबर है। इस अर्धगोले की त्रिज्या कितनी होगी (यूनिट में)?

- 8 units
  8 यूनिट
- 4.5 units
  4.5 यूनिट
- 5.5 units
  5.5 यूनिट
- 6 units
  6 यूनिट

Click Here to Challenge Question No.: 68

Q.No: 68 A car travels at a constant speed. It covers $\frac{2}{5}$ of a journey in 2 hours. How long will it take to cover the remaining journey?

एक कार स्थिर गति से चल रही है। यह 2 घंटे में $\frac{2}{5}$ यात्रा का भाग तय करती है। शेष यात्रा तय करने में उसे कितना समय लगेगा?

- 2 hours
  2 घंटे
- 5 hours
  5 घंटे
- 4 hours
  4 घंटे

	3 hours 3 घंटे

Click Here to Challenge Question No.: 69

Q.No: 69	In △ABC, the coordinates of the vertices are A(1,1), B(5,5), and C(1,9). Find the coordinates of the centroid. △ABC में, शीर्षों के निर्देशांक A(1,1), B(5,5) और C(1,9) हैं। केन्द्रक के निर्देशांक ज्ञात कीजिए।
	(2.33, 5.00) (2.33, 5.00)
	(2.00, 5.53) (2.00, 5.53)
	(3.32, 4.00) (3.32, 4.00)
	(1.98, 5.23) (1.98, 5.23)

Click Here to Challenge Question No.: 70

Q.No: 70	Two similar triangles have areas in the ratio of 49:81. What is the ratio of their corresponding altitudes? दो समरूप त्रिभुजों के क्षेत्रफलों का अनुपात 49:81 है। उनके संगत ऊँचाइयों का अनुपात क्या है?
	2401:6561 2401:6561
	49:81 49:81
	7:81 7:81
	7:9 7:9

Click Here to Challenge Question No.: 71

Q.No: 71	What is the slope of the line that passes through the points (2, 4) and (6, 10)? बिन्दुओं (2, 4) और (6, 10) से होकर गुजरने वाली रेखा का ढलान क्या है?
	2 2
	$\frac{3}{2}$ $\frac{3}{2}$

	$\frac{2}{5}$ $\frac{2}{5}$
	-5 -5

Click Here to Challenge Question No.: 72

Q.No: 72	**Solve:** $\frac{x}{(x+1)}+\frac{1}{x}=3.$ **हल करें:** $\frac{x}{(x+1)}+\frac{1}{x}=3.$
	$x=\frac{-5+\sqrt{2}}{2}$ $x=\frac{-5+\sqrt{2}}{2}$
	$x=\frac{-1+\sqrt{3}}{2}$ $x=\frac{-1+\sqrt{3}}{2}$
	$x=\frac{-3+\sqrt{7}}{2}$ $x=\frac{-3+\sqrt{7}}{2}$
	$x=\frac{-9+\sqrt{5}}{2}$ $x=\frac{-9+\sqrt{5}}{2}$

Click Here to Challenge Question No.: 73

Q.No: 73	Two triangles are similar. The ratio of their corresponding side lengths is 3:5. If the length of an altitude of the smaller triangle is 6 cm, what is the length of the corresponding altitude of the larger triangle? दो त्रिभुज समरूप हैं। उनकी संगत भुजाओं की लंबाई का अनुपात 3:5 है। यदि छोटे त्रिभुज की ऊँचाई की लंबाई 6 सेमी है, तो बड़े त्रिभुज की संगत ऊँचाई की लंबाई क्या है? 4 cm 4 सेमी
	7 cm 7 सेमी

	10 cm 10 सेमी
	15 cm 15 सेमी

Click Here to Challenge Question No.: 74

Q.No: 74

Solve:

$16^{3/2} + 16^{-3/2} = ?$

हल करना:

$16^{3/2} + 16^{-3/2} = ?$

	$\frac{4097}{64}$ $\frac{4097}{64}$
	$\frac{97}{64}$ $\frac{97}{64}$
	$\frac{497}{14}$ $\frac{497}{14}$
	$\frac{237}{64}$ $\frac{237}{64}$

Click Here to Challenge Question No.: 75

Q.No: 75

Simplify:

$\frac{\cos(x)}{1+\sin(x)} + \frac{\sin(x)}{1+\cos(x)}$.

सरल करें:

$\frac{\cos(x)}{1+\sin(x)} + \frac{\sin(x)}{1+\cos(x)}$.

	$\frac{1}{(1+\sin(x))(1+\cos(x))}$ $\frac{1}{(1+\sin(x))(1+\cos(x))}$
	1 1
	$tan(x)$

	$tan(x)$
	$\frac{\cos(x)+\sin(x)+1}{(1+\sin(x))(1+\cos(x))}$ $\frac{\cos(x)+\sin(x)+1}{(1+\sin(x))(1+\cos(x))}$

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: 13 Nov 2025

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Correct Option selected | Wrong Option selected | Correct Option | Not Answered

Save / Print

Click Here for PART-A | Click Here for PART-B | Click Here for PART-C | Click Here for PART-D

PART-D (General Awareness)

Click Here to Challenge Question No.: 76

Q.No: 76

Article 51 of the Indian constitution is related with which of the following?

भारतीय संविधान का अनुच्छेद 51 निम्नलिखित में से किससे संबंधित है?

Promotion of co-operative societies

सहकारी सोसाइटीयों का संवर्धन

Promotion of international peace and security

अंतरराष्ट्रीय शांति और सुरक्षा की अभिवृद्धि

Uniform Civil Code

एक समान सिविल संहिता

Organization of Agriculture and Animal Husbandry

कृषि और पशुपालन का संगठन

Click Here to Challenge Question No.: 77

Q.No: 77 In September 2024, who has been appointed as Director General of the Narcotics Control Bureau?

सितंबर 2024 में, नारकोटिक्स कंट्रोल ब्यूरो के महानिदेशक के रूप में किसे नियुक्त किया गया है ?

Sunil Kakkar

सुनील कक्कड़

Rajneet Kohli

रजनीत कोहली

Ambuj Chandna

अंबुज चंदना

Anurag Garg

अनुराग गर्ग

Click Here to Challenge Question No.: 78

Q.No: 78 On October 2, 2024, the Dharti Aaba Janjatiya Gram Utkarsh Abhiyan was launched in _____.

2 अक्टूबर, 2024 को धरती आबा जनजातीय ग्राम उत्कर्ष अभियान _____ में शुरू किया गया था।

Jharkhand
झारखंड

Bihar
बिहार

Uttar Pradesh
उत्तर प्रदेश

Madhya Pradesh
मध्य प्रदेश

Click Here to Challenge Question No.: 79

Q.No: 79 India ranks at what position in the World Competitiveness Index 2024?
विश्व प्रतिस्पर्धात्मकता सूचकांक 2024 में भारत किस स्थान पर है?

46th
46 वा

19th
19 वा

61st
61 वा

39th
39 वा

Click Here to Challenge Question No.: 80

Q.No: 80 The State of the World's Children 2024 report was published by which of the following?
स्टेट ऑफ द वर्ल्ड्स चिल्ड्रन 2024 रिपोर्ट निम्नलिखित में से किसके द्वारा प्रकाशित की गई थी?

UNICEF
यूनिसेफ

World Bank
विश्व बैंक

IMF
आई.एम.एफ.

World Economic Forum
विश्व आर्थिक मंच

Click Here to Challenge Question No.: 81

Q.No: 81 The Allographa effusosoredica, a newly discovered species in western ghats belong to _____.

	पश्चिमी घाट में खोजी गई नई प्रजाति एलोग्राफा इफ्यूसोरेडिका _____ से संबंधित है।
	lichen लाइकेन
	cat बिल्ली
	bat चमगादड़
	butterfly तितली

Click Here to Challenge Question No.: 82

Q.No: 82	Who is the author of the book 'Above Average'? 'एबव एवरेज' पुस्तक के लेखक कौन हैं?
	Amit Varma अमित वर्मा
	Amitabha Bagchi अमिताभ बागची
	Anita Nair अनीता नायर
	Amish Tripathi अमीश त्रिपाठी

Click Here to Challenge Question No.: 83

Q.No: 83	'Mangal' folk songs are traditional to which Indian state? 'मंगल' लोकगीत किस भारतीय राज्य का पारंपरिक गीत है?
	Goa गोवा
	Maharashtra महाराष्ट्र
	Uttarakhand उत्तराखंड
	Telangana तेलंगाना

Click Here to Challenge Question No.: 84

Q.No: 84	'Pinjar', a book portraying the trauma of Partition has been written by which Indian author?

	विभाजन के आघात को दर्शाने वाली पुस्तक 'पिंजर' किस भारतीय लेखक द्वारा लिखी गई है?
	Krishna Sobti कृष्णा सोबती
	Amrita Pritam अमृता प्रीतम
	Ismat Chughtai इस्मत चुगताई
	Mahadevi Verma महादेवी वर्मा

Click Here to Challenge Question No.: 85

Q.No: 85	Which of the following is a traditional dance associated with the culture of Sikkim? निम्नलिखित में से कौन सा सिक्किम की संस्कृति से जुड़ा पारंपरिक नृत्य है?
	Loor लूर
	Dindi डिंडी
	Padhar पधर
	Snow Lion हिम सिंह (स्नो लायन)

Click Here to Challenge Question No.: 86

Q.No: 86	The most popular argument regarding the origin of the universe is the _____. ब्रह्मांड की उत्पत्ति के संदर्भ में सबसे लोकप्रिय तर्क _____ है।
	Big Bang Theory बिग बैंग थ्योरी
	Plate Tectonics प्लेट विवर्तनिकी
	Quantum Mechanics क्वांटम यांत्रिकी
	String Theory स्ट्रिंग सिद्धांत

Click Here to Challenge Question No.: 87

Q.No: 87	What does a change in either the speed or direction of an object signify?

किसी वस्तु की गति या दिशा में परिवर्तन क्या दर्शाता है?

A change in its mass

इसके द्रव्यमान में परिवर्तन

A change in its state of motion

इसकी गति की अवस्था में परिवर्तन

A change in its shape

इसके आकार में परिवर्तन

A change in its temperature

इसके तापमान में परिवर्तन

Click Here to Challenge Question No.: 88

Q.No: 88

Which Indian startup has developed the country's first full-stack 25-qubit quantum computer?

किस भारतीय स्टार्टअप ने देश का पहला फुल-स्टैक 25-क्यूबिट क्वांटम कंप्यूटर विकसित किया है?

QpiAI

QpiAI

QNu Labs

QNu Labs

Prenishq

Prenishq

QuPrayog

QuPrayog

Click Here to Challenge Question No.: 89

Q.No: 89

In the late 1980s, the government of India approached an International Bank for Reconstruction and Development to tackle with the economic crisis, that bank is also known as _____.

1980 के दशक के अंत में, भारत सरकार ने आर्थिक संकट से निपटने के लिए अन्तरराष्ट्रीय पुनर्निमाण एवं विकास बैंक से संपर्क किया, उस बैंक को _____ के रूप में भी जाना जाता है।

	World Bank विश्व बैंक
	Asian Development Bank एशियाई विकास बैंक
	World Trade Bank विश्व व्यापार बैंक
	Asian Infrastructure Investment Bank एशियाई अवसंरचना निवेश बैंक

Click Here to Challenge Question No.: 90

Q.No: 90	As of July 2025, which of the following central public sector enterprise is awarded with "Navratna" status? जुलाई 2025 तक, निम्नलिखित में से किस केंद्रीय सार्वजनिक क्षेत्र के उद्यम को "नवरत्न" का दर्जा दिया हुआ है?
	Rashtriya Chemicals and Fertilizers Limited राष्ट्रीय केमिकल्स एंड फर्टिलाइजर्स लिमिटेड
	Steel Authority of India Limited स्टील अथॉरिटी ऑफ इंडिया लिमिटेड
	Rural Electrification Corporation Limited रूरल इलेक्ट्रिफिकेशन कॉर्पोरेशन लिमिटेड
	Hindustan Petroleum Corporation Limited हिंदुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड

Click Here to Challenge Question No.: 91

Q.No: 91	Which Sikh Guru instituted the Khalsa in 1699? 1699 में किस सिख गुरु ने खालसा की स्थापना की थी?
	Guru Nanak गुरु नानक
	Guru Ramdas गुरु रामदास
	Guru Tegh Bahadur गुरु तेग बहादुर
	Guru Gobind Singh गुरु गोबिंद सिंह

Click Here to Challenge Question No.: 92

Q.No: 92	Which of the following slogans was raised by Bal Gangadhar Tilak?

	निम्नलिखित में से कौन सा नारा बाल गंगाधर तिलक ने दिया था?
	"Satyamev Jayate" "सत्यमेव जयते"
	"Jai Hind" "जय हिंद"
	"Give Me Blood, and I Shall Give You Freedom." "तुम मुझे खून दो, मैं तुम्हें आज़ादी दूंगा।"
	"Freedom is my birthright and I shall have it!" "स्वतन्त्रता मेरा जन्मसिद्ध अधिकार है और मैं इसे लेकर रहूँगा!"

Click Here to Challenge Question No.: 93

Q.No: 93	Who can dissolve the House of the People of India before its term ends? भारत की लोकसभा को उसका कार्यकाल समाप्त होने से पहले कौन विघटित कर सकता है?
	President on Prime minister's advice प्रधानमंत्री की सलाह पर राष्ट्रपति
	Speaker of the House of the People लोकसभा अध्यक्ष
	Chief Justice of India भारत के मुख्य न्यायमूर्ति
	Election Commission निर्वाचन आयोग

Click Here to Challenge Question No.: 94

Q.No: 94	Which of the following crop is NOT associated with dryland farming? निम्नलिखित में से कौन सी फसल शुष्क भूमि खेती से संबंधित नहीं है?
	Guar ग्वार
	Bajra बाजरा
	Jute जूट
	Ragi रागी

Click Here to Challenge Question No.: 95

Q.No: 95	What was the main purpose of land reforms in India post independence?

	स्वतंत्रता के बाद भारत में भू-सुधारों का मुख्य उद्देश्य क्या था?
	To change in the ownership of landholdings. भूमि जोतों के स्वामित्व में परिवर्तन करना।
	To increase urbanisation. शहरीकरण को बढ़ावा देना।
	To increase foreign direct investment in agriculture. कृषि में प्रत्यक्ष विदेशी निवेश को बढ़ाना।
	To sell all the landholdings to private companies for better compliance. बेहतर अनुपालन के लिए सभी भू-जोतों का स्वामित्व निजी कंपनियों को बेचना।

Click Here to Challenge Question No.: 96

Q.No: 96	Child Budgeting was first time adopted by government of India in _____. चाइल्ड बजट को पहली बार भारत सरकार द्वारा _____ में अपनाया गया था।
	2001-02 2001-02
	2013-14 2013-14
	1991-92 1991-92
	2008-09 2008-09

Click Here to Challenge Question No.: 97

Q.No: 97	Which of the following deficit includes only such transactions that affect the current income and expenditure of the government? निम्नलिखित में से किस घाटे में केवल ऐसे लेनदेन शामिल होते हैं जो सरकार की चालू आय और व्यय को प्रभावित करते हैं?
	Primary deficit प्राथमिक घाटा
	Revenue deficit राजस्व घाटा
	Trade deficit व्यापार घाटा
	Fiscal deficit राजकोषीय घाटा

Click Here to Challenge Question No.: 98

Q.No: 98	How is air initially filtered when it is taken into the human body?

	जब हवा मानव शरीर में प्रवेश करती है तो उसे प्रारम्भ में किस प्रकार फ़िल्टर (निस्यंदक) किया जाता है?
■	By fine hair in the nostrils नाक में बारीक बाल से।
	By tonsils in the throat गले में टॉन्सिल्स द्वारा।
	By rings of cartilage उपास्थि के छल्लों द्वारा।
	By the lungs फेफड़ों द्वारा।

Click Here to Challenge Question No.: 99

Q.No: 99	What of the following statement is correct regarding phloem of a plant? I. The translocation in phloem is achieved by utilizing energy. II. Material are transferred into phloem tissue using energy from ATP. पादप के फ्लोएम के संदर्भ में निम्नलिखित में से कौन सा कथन सही है? I. फ्लोएम में स्थानांतरण, ऊर्जा का उपयोग करके प्राप्त किया जाता है। II. ए.टी.पी. से ऊर्जा का उपयोग करके पदार्थों को फ्लोएम ऊतक में स्थानांतरित किया जाता है।
	Only I केवल I
	Only II केवल II
■	Both I and II I और II दोनों
	Neither I nor II न तो I और न ही II

Click Here to Challenge Question No.: 100

Q.No: 100	According to Jaina ethics, the vow of 'aparigraha' refers to _____. 'अपरिग्रह' व्रत _____ को संदर्भित करता है।
	fasting until death मृत्यु तक उपवास
	refraining from theft चोरी से बचना
	speaking only the truth केवल सत्य बोलना
■	non-possession of things more than one's requirement अपनी आवश्यकता से अधिक वस्तुओं का अपरिग्रह

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