

<b>Roll No.</b>	
<b>Candidate Name</b>	
<b>Exam Level</b>	: <input type="text" value="SSC CGL Tier 1"/>
<b>Test Date</b>	: 16 Sep 2025
<b>Test Time and Shift</b>	: 12:30 PM (Shift-2)
<b>Centre Name</b>	:

Correct Option selected
Wrong Option selected
Correct Option
Not Answered

### PART-A (General Intelligence and Reasoning)

Q.No: 1	Count consonants between the 2 <sup>nd</sup> and 7 <sup>th</sup> letter of TECHNOLOGY. TECHNOLOGY के 2 <sup>nd</sup> और 7 <sup>th</sup> अक्षर के बीच व्यंजनों की गिनती करें।
	3
	3
	4
	4
	5
	5
	6
	6

Q.No: 2	Choose the address that is the same as the one given below. 56/A, Greenwood Villa, Salt Lake City, Kolkata, West Bengal - 700091
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	वह पता चुनें जो नीचे दिए गए पते के समान हो।
	56/A, Greenwood Villa, Salt Lake City, Kolkata, West Bengal - 700091
	56A, Greenwood Villa, Salt Lake, Kolkata, West Bengal - 700091
	56A, Greenwood Villa, Salt Lake, Kolkata, West Bengal - 700091
	56/A, Greenwood Villas, Salt Lake City, Kolkata, West Bengal - 700091
	56/A, Greenwood Villas, Salt Lake City, Kolkata, West Bengal - 700091
	56/A, Greenwood Villa, Salt Lake City, Kolkata, West Bengal - 700091
	65/A, Greenwood Villa, Salt Lake City, Kolkata, West Bengal - 700091
	65/A, Greenwood Villa, Salt Lake City, Kolkata, West Bengal - 700091

Q.No: 3	Select the letter-cluster from among the given options that can replace the question mark (?) in the following series: <b>HDZ LGB PJD TMF ?</b> दिए गए विकल्पों में से उस अक्षर-समूह का चयन करें जो निम्नलिखित श्रृंखला में प्रश्न चिह्न (?) को प्रतिस्थापित कर सके: HDZ LGB PJD TMF ?
	X P H
	X P H
	X O H
	X O H
	X P G
	X P G
	W P H
	W P H

Q.No: 4	A is the brother of B. B is the daughter of C. How is A related to C? A, B का भाई है। B, C की पुत्री है। A, C से किस प्रकार संबंधित है?
	Daughter
	पुत्री
	Son
	पुत्र
	Father
	पिता
	Uncle
	चाचा

Q.No: 5 B is the sister of A. A is the brother of C. C is the daughter of D. How is B related to D?

B, A की बहन है। A, C का भाई है। C, D की पुत्री है। B का D से क्या संबंध है?

Daughter

पुत्री

Sister

बहन

Son

पुत्र

Granddaughter

पोती

Q.No: 6 What comes next: 2, 3, 10, 15, 26, 35, ?

इसके बाद क्या आएगा: 2, 3, 10, 15, 26, 35, ?

50

50

57

57

47

47

49

49

Not Answered

Q.No: 7 Choose the group in which all numbers belong to the same category:

वह समूह चुनें जिसमें सभी संख्याएँ एक ही श्रेणी से संबंधित हैं:

2, 4, 6, 8

2, 4, 6, 8

3, 6, 9, 11

3, 6, 9, 11

5, 10, 13, 21

5, 10, 13, 21

7, 14, 26, 38

7, 14, 26, 38

O.No: 8 What will come at the place of question mark? 4, 10, 22, 46, 94, ?

	प्रश्नवाचक चिन्ह के स्थान पर क्या आएगा? 4, 10, 22, 46, 94, ?
190	
190	
191	
191	
192	
192	
196	
196	

Q.No: 9	<p><b>Instruction:</b> Identify the assumptions that must hold for the statement to be valid, then choose the correct option.</p> <p><b>Statement:</b> Despite the unpredictability of future technologies, regulatory frameworks must evolve to preempt ethical crises.</p> <p><b>Assumptions:</b></p> <p>I. Unregulated technological growth can cause ethical dilemmas.  II. Ethical standards are often retrofitted to existing technology.  III. Regulatory systems can always accurately predict technological outcomes.</p> <p><b>निर्देश:</b> कथन के वैध होने के लिए आवश्यक मान्यताओं की पहचान करें, फिर सही विकल्प चुनें।  <b>कथन:</b> भविष्य की प्रौद्योगिकियों की अप्रत्याशितता के बावजूद, नैतिक संकटों को रोकने के लिए विनियामक ढाँचे विकसित होने चाहिए।  <b>मान्यताएँ:</b></p> <p>I. अनियमित तकनीकी विकास नैतिक दुविधाओं का कारण बन सकता है।  II. नैतिक मानकों को अक्सर मौजूदा प्रौद्योगिकी में फिर से जोड़ा जाता है।  III. विनियामक प्रणालियाँ हमेशा तकनीकी परिणामों की सटीक भविष्यवाणी कर सकती हैं।</p>
	Only I and II are implicit
	केवल I और II निहित हैं
	Only I is implicit
	केवल I निहित है।
	All are implicit
	सभी निहित हैं
	Only II and III are implicit
	केवल II और III अंतर्निहित हैं।

Q.No: 10	<p>Read the following statement carefully and identify the conclusion that follows.</p> <p>Statement: The education ministry has made moral education compulsory in schools.</p> <p>Conclusions:</p> <p>I. Students must attend moral education classes.  II. Schools were not offering moral education earlier.</p>
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	निम्नलिखित कथन को ध्यानपूर्वक पढ़ें और निष्कर्ष निकालें। कथन: शिक्षा मंत्रालय ने स्कूलों में नैतिक शिक्षा अनिवार्य कर दी है। निष्कर्ष: I. छात्रों को नैतिक शिक्षा कक्षाओं में अवश्य जाना चाहिए। II. पहले स्कूलों में नैतिक शिक्षा नहीं दी जाती थी।
	Only Conclusion I follows केवल निष्कर्ष I अनुसरण करता है
	Only Conclusion II follows केवल निष्कर्ष 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

Q.No: 11	Arrange the following in chronological order (Based on Age/History): 1. Industrial Revolution 2. Bronze Age 3. Information Age 4. Iron Age 5. Stone Age  निम्नलिखित को कालानुक्रमिक क्रम में व्यवस्थित करें (आयु/इतिहास के आधार पर): 1. औद्योगिक क्रांति 2. कांस्य युग 3. सूचना युग 4. लौह युग 5. पाषाण युग
	5, 2, 4, 1, 3
	5, 2, 4, 1, 3
	2, 4, 5, 1, 3
	2, 4, 5, 1, 3
	5, 4, 2, 1, 3
	5, 4, 2, 1, 3
	1, 2, 3, 4, 5
	1, 2, 3, 4, 5

Q.No: 12	Choose the correct option to complete the series. Needle : Sew :: Keyboard : ?
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	श्रृंखला को पूरा करने के लिए सही विकल्प चुनें। सुई : सिलाई :: कीबोर्ड : ?
	Draw ड्रॉ करना
	Type टाइप करना
	Write लिखना
	Print प्रिंट

Q.No: 13	Find the word that does not fit in the series: Complex, Intricate, Sophisticated, Simple, Elaborate इनमें से वह शब्द ढूंढें जो श्रृंखला में फिट नहीं बैठता: जटिल, पेचीदा, कृत्रिम, सरल, विस्तृत
	Complex जटिल
	Intricate पेचीदा
	Simple सरल
	Sophisticated कृत्रिम

Q.No: 14	Find the unit that does not fit in the series: Kelvin, Celsius, Fahrenheit, Joule, Rankine इनमें से वह इकाई ज्ञात कीजिए जो श्रृंखला में फिट नहीं बैठती: केल्विन, सेल्सियस, फ़ारेनहाइट, जूल, रैंकिन
	Kelvin केल्विन
	Rankine रैंकिन
	Fahrenheit फ़ारेनहाइट

	<p>Joule जूल</p>
<p>Q.No: 15</p>	<p>In each of the following questions, a specific rearrangement of letters has been applied to the first word to form the second. Apply the same rearrangement pattern to the third word and choose the correct answer from the given options. <b>METAPHOR : EMATHPRO :: NORMAL : ?</b></p> <p>निम्नलिखित प्रत्येक प्रश्न में, पहले शब्द के अक्षरों को एक विशिष्ट क्रम में व्यवस्थित करके दूसरा शब्द बनाया गया है। इसी क्रम को तीसरे शब्द पर भी लागू कीजिए और दिए गए विकल्पों में से सही उत्तर चुनिए। <b>METAPHOR : EMATHPRO :: NORMAL : ?</b></p> <p>ORMLAN ORMLAN ONRMLA ONRMLA ONMRLA ONMRLA ONMRAL ONMRAL</p>
<p>Q.No: 16</p>	<p>In each of the following questions, a word is transformed into a combination of letters and numbers following a specific pattern. Analyze the transformation used in the first pair and apply the same rule to find the missing term in the second pair. <b>BOAT : C40U :: JUMP : ?</b></p> <p>निम्नलिखित प्रत्येक प्रश्न में, एक शब्द को एक विशिष्ट पैटर्न का अनुसरण करते हुए अक्षरों और संख्याओं के संयोजन में रूपांतरित किया गया है। पहले युग्म में प्रयुक्त रूपांतरण का विश्लेषण कीजिए और दूसरे युग्म में लुप्त पद ज्ञात करने के लिए उसी नियम का प्रयोग कीजिए। <b>BOAT : C40U :: JUMP : ?</b></p> <p>K58Q K58Q K76P K76P K95T K95T K52E K52E</p>
<p>Q.No: 17</p>	<p>Which of these words will come last in a dictionary? इनमें से कौन सा शब्द शब्दकोश में सबसे अंत में आएगा?</p> <p>bench bench beneath</p>

	beneath
	bend
	bend
	bent
	bent

Q.No: 18	<p>Comprehension:          In a certain number system there are only two notations to represent numbers: <math>\Delta</math> and <math>\beta</math>.          0 is represented by <math>\Delta</math> and 1 by <math>\beta</math>. The subsequent numbers are represented in the following manner:          2 is represented as <math>\beta\Delta</math>,          3 is represented as <math>\beta\beta</math>,          4 is represented as <math>\beta\Delta\Delta</math>,          5 is represented as <math>\beta\Delta\beta</math> and so on.          How will you represent 81 in the given number system?</p> <p>बोधगम्यता:          किसी निश्चित संख्या प्रणाली में संख्याओं को दर्शाने के लिए केवल दो संकेतन हैं: <math>\Delta</math> और <math>\beta</math>।          0 को <math>\Delta</math> और 1 को <math>\beta</math> द्वारा दर्शाया जाता है। इसके बाद की संख्याओं को निम्नलिखित तरीके से दर्शाया जाता है:          2 को <math>\beta\Delta</math> द्वारा दर्शाया जाता है,          3 को <math>\beta\beta</math> द्वारा दर्शाया जाता है,          4 को <math>\beta\Delta\Delta</math> द्वारा दर्शाया जाता है,          5 को <math>\beta\Delta\beta</math> द्वारा दर्शाया जाता है, इत्यादि।          दी गई संख्या प्रणाली में आप 81 को कैसे दर्शाएँगे?</p> <p><math>\beta\Delta\Delta\beta\Delta\beta\Delta</math></p> <p><math>\beta\Delta\Delta\beta\Delta\beta\Delta</math></p> <p><math>\beta\Delta\beta\Delta\beta\Delta\beta</math></p> <p><math>\beta\Delta\beta\Delta\beta\Delta\beta</math></p> <p><math>\beta\Delta\beta\Delta\Delta\beta\beta</math></p> <p><math>\beta\Delta\beta\Delta\Delta\beta\beta</math></p> <p><math>\beta\Delta\beta\Delta\Delta\Delta\beta</math></p> <p><math>\beta\Delta\beta\Delta\Delta\Delta\beta</math></p>
	<b>Not Answered</b>

Q.No: 19	<p>Find the odd one out from the given alternatives.</p> <p>दिए गए विकल्पों में से विषम विकल्प को चुनिए।</p> <p>Saturn</p> <p>शनि ग्रह</p> <p>Venus</p> <p>शुक्र</p> <p>Jupiter</p>
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	बृहस्पति
	Sun
	सूरज

Q.No: 20	In a certain code language, <b>WATER</b> is written as <b>YCVGT</b> . How is <b>VAPOR</b> written in that code? किसी निश्चित कूट भाषा में, WATER को YCVGT लिखा जाता है। उसी कूट भाषा में VAPOR को कैसे लिखा जाएगा?
	XCRQT
	XCRQT
	XCQRT
	XCQRT
	XCPRT
	XCPRT
	XCQTS
	XCQTS

Q.No: 21	A principal amount of ₹1,000 yields a simple interest of ₹180 over a period of 2 years. What is the annual rate of simple interest? ₹1,000 की मूल राशि पर 2 वर्ष की अवधि में ₹180 का साधारण ब्याज प्राप्त होता है। साधारण ब्याज की वार्षिक दर क्या है?
	8 %
	8 %
	9 %
	9 %
	7 %
	7 %
	6 %
	6 %

Q.No: 22	If $3 @ 4 = 19$ , $5 @ 6 = 41$ , then what is $6 @ 7$ ? यदि $3 @ 4 = 19$ , $5 @ 6 = 41$ , तो $6 @ 7$ क्या है?
	49
	49
	55
	55
	61
	61

65

65

Q.No: 23 "If the given symbols mean:

'+' means 'divided by'

'-' means 'multiplied by'

'x' means 'minus'

'÷' means 'plus'

Then, find the value of the following expressions:  $60 + 5 - 4 \times 10 \div 2 = ?$

यदि दिए गए प्रतीकों का अर्थ है:

'+' का अर्थ है 'से भाग'

'-' का अर्थ है 'से गुणा'

'x' का अर्थ है 'घटाना'

'÷' का अर्थ है 'जोड़ना'

तो, निम्नलिखित व्यंजकों का मान ज्ञात कीजिए:  $60 + 5 - 4 \times 10 \div 2 = ?$

35

35

40

40

55

55

65

65

Q.No: 24 If 'x' = '-', '-' = '+', '+' = '÷', '÷' = 'x', which equation is correct?

यदि 'x' = '-', '-' = '+', '+' = '÷', '÷' = 'x', तो कौन सा समीकरण सही है?

$14 + 2 - 6 \times 1 = 10$

$14 + 2 - 6 \times 1 = 10$

$12 - 4 + 2 \times 2 = 12$

$12 - 4 + 2 \times 2 = 12$

$10 \times 2 + 4 - 1 = 23$

$10 \times 2 + 4 - 1 = 23$

$20 - 2 \times 3 + 4 = 18$

$20 - 2 \times 3 + 4 = 18$

Q.No: 25 10 friends went for dinner and planned to split Rs. 200 equally. 2 didn't pay. How much did each of the rest pay?

10 दोस्त रात के खाने पर गए और 200 रुपये बराबर-बराबर बाँटने की योजना बनाई। 2 ने भुगतान नहीं किया। बाकी में से प्रत्येक ने कितना भुगतान किया?

	Rs. 25
	25 रुपये
	Rs. 20
	20 रुपये
	Rs. 22
	22 रुपये
	Rs. 28
	28 रुपये

OnlineGuru

Roll No.	
Candidate Name	
Exam Level	: <input type="text" value="SSC CGL Tier 1"/>
Test Date	: 16 Sep 2025
Test Time and Shift	: 12:30 PM (Shift-2)
Centre Name	:

Correct Option selected Wrong Option selected Correct Option Not Answered

Save / Print

### Undertaking by the candidate :

I acknowledge that this saved question paper is for my personal use and self-analysis only. I understand that sharing, distributing, or using it for commercial or any other purposes is strictly prohibited and may lead to legal action as per applicable acts, rules and regulations.

### Note:

The candidates may note that in the challenge module the sequence of the questions and the options may be different from how it appeared during the examination. This is because in the challenge module the sequence of the questions as well as the answers will be the same for all the candidates who appeared in a particular shift while during the actual examination these sequences were different for different candidates. However the answer key selected by the candidates during the examination will exactly be reflected in the challenge module.

## PART-B (General Awareness)

Q.No: 26	What material were the double-storeyed gates of Purana Qila primarily built with?
	पुराना किला के दो मंजिला द्वार मुख्यतः किस सामग्री से निर्मित किये गए थे?
	Marble
	संगमरमर
	Red sandstone
	लाल बलुआ पत्थर
	Glazed tiles
	चमकता हुआ टाइल
	Rubble
	मलवा

Q.No: 27	Fill in the blank: The Tusu festival is primarily celebrated in the tribal belt of Jharkhand, especially around the area between _____, Tamar, and Raidih.
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	<b>रिक्त स्थान भरें:</b> टसू त्यौहार मुख्य रूप से झारखंड के आदिवासी क्षेत्र में मनाया जाता है, खासकर _____, तमार और रायडीह के बीच के क्षेत्र में।
	Dumka
	दुमका
	Bundu
	बुंडू
	Daltonganj
	डाल्टनगंज
	Chaibasa
	चाईबासा

Q.No: 28	Who is credited with developing the modern notation system for Hindustani classical music and documenting compositions in the Kramik Pustak Maalika? हिंदुस्तानी शास्त्रीय संगीत के लिए आधुनिक संकेतन प्रणाली विकसित करने और क्रमिक पुस्तक मालिका में रचनाओं को दस्तावेजित करने का श्रेय किसे दिया जाता है?
	Ustad Allauddin Khan of Maihar Gharana मैहर घराने के उस्ताद अलाउद्दीन खान Pandit Vishnu Digambar Paluskar of Gwalior ग्वालियर के पंडित विष्णु दिगंबर पलुस्कर
	Pandit Vishnu Narayan Bhatkhande of Bombay बम्बई के पंडित विष्णु नारायण भातखंडे Saint Tyagaraja of Carnatic Tradition कर्नाटक परंपरा के संत त्यागराज
<b>Not Answered</b>	

Q.No: 29	Consider the following statements about service rules in table tennis: 1) At 10-10, service alternates every two points. 2) In the final doubles game, receiver order changes when one side reaches 5 points. Which of the above is/are <b>correct</b> ? टेबल टेनिस में सर्विस नियमों के बारे में निम्नलिखित कथनों पर विचार करें: 1) 10-10 पर, हर दो अंक पर सर्विस बदल जाती है। 2) अंतिम डबल्स गेम में, जब एक पक्ष 5 अंक तक पहुँच जाता है, तो रिसीवर का क्रम बदल जाता है। उपर्युक्त में से कौन सा/से <b>सही</b> है/हैं? Only 1 is Correct केवल 1 सही है Only 2 is Correct केवल 2 सही है 1 and 2 are correct
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	1 और 2 सही हैं
	Neither 1 nor 2 is Correct
	न तो 1 और न ही 2 सही है
<b>Not Answered</b>	

Q.No: 30	Under Pitt's India Act, what restriction was placed on the Governor General and Council? पिट्स इंडिया एक्ट के तहत गवर्नर जनरल और काउंसिल पर क्या प्रतिबंध लगाया गया था? They could not pass any civil law without Queen's consent. वे रानी की सहमति के बिना कोई भी नागरिक कानून पारित नहीं कर सकते थे। They could not issue orders without majority support. वे बहुमत के समर्थन के बिना आदेश जारी नहीं कर सकते थे। They were forbidden to declare war or make treaties without approval. उन्हें बिना अनुमोदन के युद्ध की घोषणा करने या संधि करने से मना किया गया। They had to resign after 5 years in office. उन्हें पांच साल तक पद पर रहने के बाद इस्तीफा देना पड़ा।
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Q.No: 31	What is meant by an "own goal" in football? फुटबॉल में "स्वयं गोल" का क्या अर्थ है? A goal scored by a goalkeeper गोलकीपर द्वारा बनाया गया गोल A goal scored from a penalty पेनाल्टी से गोल किया गया A goal scored accidentally into one's own net गलती से अपने ही नेट में गोल हो जाना A goal scored during injury time चोट के समय में किया गया गोल
<b>Not Answered</b>	

Q.No: 32	Consider the following statements about India's Winter Olympics participation: 1) Shiva Keshavan competed in six Games and introduced luge to India. 2) Arif Mohammad Khan was the first Indian to qualify for two alpine skiing events in 2022. Which of the statements is/are correct? <b>भारत की शीतकालीन ओलंपिक भागीदारी के बारे में निम्नलिखित कथनों पर विचार करें:</b> 1) शिवा केशवन ने छह खेलों में भाग लिया और भारत को ल्यूज से परिचित कराया। 2) आरिफ मोहम्मद खान 2022 में दो अल्पाइन स्कीइंग स्पर्धाओं के लिए अर्हता प्राप्त करने वाले पहले भारतीय थे। कौन सा कथन सही है/हैं? Only Statement 1 is correct
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	केवल कथन 1 सही है Only Statement 2 is correct
	केवल कथन 2 सही है 1 and 2 both are correct
	1 और 2 दोनों सही हैं Neither 1 nor 2 is Correct
	न तो 1 और न ही 2 सही है
<b>Not Answered</b>	

Q.No: 33	Which 2024 India-Bangladesh energy project involves a 765 kV cross-border transmission line to boost hydroelectric trade across multiple countries? कौन सी 2024 भारत-बांग्लादेश ऊर्जा परियोजना में कई देशों में जलविद्युत व्यापार को बढ़ावा देने के लिए 765kV सीमा पार ट्रांसमिशन लाइन शामिल है? Agartala-Parbotipur-Guwahati Transmission Grid अगरतला-परबोतीपुर-गुवाहाटी ट्रांसमिशन ग्रिड Katihar-Parbotipur-Bornagar Interconnection Project कटिहार-परबतीपुर-बोरनगर इंटरकनेक्शन परियोजना Jalpaiguri-Chattogram Power Corridor जलपाईगुड़ी-चट्टोग्राम पावर कॉरिडोर Siliguri-Bogura-Mymensingh HVDC Link सिलीगुड़ी-बोगुरा-मैमनसिंह एचवीडीसी लिंक
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Q.No: 34	Consider the following statements about the book 'Being Indian' by Pavan K. Varma: 1) The book won the Vodafone Crossword Book Award for exploring Indian identity and culture. 2) It received the Sahitya Akademi Award for its contributions to Indian English poetry. Which of the above statements is/are <b>correct</b> ? पवन के. वर्मा की पुस्तक 'बीइंग इंडियन' के बारे में निम्नलिखित कथनों पर विचार कीजिए: 1) इस पुस्तक ने भारतीय पहचान और संस्कृति की खोज के लिए वोडाफोन क्रॉसवर्ड बुक पुरस्कार जीता। 2) इसे भारतीय अंग्रेजी कविता में योगदान के लिए साहित्य अकादमी पुरस्कार मिला। उपरोक्त में से कौन सा/से कथन <b>सही</b> है/हैं?
	Only statement 1 is correct केवल कथन 1 सही है
	Only statement 2 is correct
	केवल कथन 2 सही है
	Both statements 1 and 2 are correct कथन 1 और 2 दोनों सही हैं
	Neither statement 1 nor 2 is correct न तो कथन 1 और न ही 2 सही है

Q.No: 35	<p><b>Fill in the blank:</b> Javelin thrower Neeraj Chopra won India's first-ever gold at the World Athletics Championships in _____ in 2023.</p> <p><b>रिक्त स्थान भरें:</b> भाला फेंक खिलाड़ी नीरज चोपड़ा ने 2023 में _____ में होने वाली विश्व एथलेटिक्स चैंपियनशिप में भारत का पहला स्वर्ण पदक जीता।</p>
	Eugene
	यूजीन
	Tokyo
	टोक्यो
	Budapest
	बुडापेस्ट
	Doha
	दोहा

Q.No: 36	<p>Who launched the campaign "Ek Ped Maa Ke Naam " in 2024, encouraging citizens to plant trees in honor of their mothers and Mother Earth?</p> <p>2024 में "एक पेड़ माँ के नाम" अभियान किसने शुरू किया, जिससे नागरिकों को अपनी माताओं और धरती माता के सम्मान में पेड़ लगाने के लिए प्रोत्साहित किया जा सके?</p>
	Narendra Modi
	नरेंद्र मोदी
	Leena Nandan
	लीना नंदन
	Bhupender Yadav
	भूपेंद्र यादव
	Ashwini Vaishnaw
	अश्विनी वैष्णव

Q.No: 37	<p>What causes a river to develop meanders?</p> <p>नदी में विसर्प का विकास किस कारण से होता है?</p>
	High-altitude origin
	उच्च ऊंचाई पर उत्पत्ति
	Sudden tectonic uplift
	अचानक विवर्तनिक उत्थान
	Lateral erosion in flat terrain
	समतल भूभाग में पार्श्व अपरदन

Ocean current influence महासागरीय धारा का प्रभाव
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Q.No: 38	<b>Fill in the Blanks:</b> NISAR maps the global surface every _____. रिक्त स्थान भरें: NISAR प्रत्येक _____ वैश्विक सतह का मानचित्रण करता है।
	3 days
	3 दिन
	12 days
	12 दिन
	24 hrs
	24 घंटे
	5 days
	5 दिन
<b>Not Answered</b>	

Q.No: 39	Which of the below statements on the plant hormones is <b>INCORRECT</b> ? पादप हार्मोनों पर नीचे दिए गए कथनों में से कौन सा <b>गलत</b> है?
	Auxins promote growth
	ऑक्सिन विकास को बढ़ावा देते हैं
	Cytokinins delay aging
	साइटोकाइनिन उम्र बढ़ने में देरी करते हैं
	Ethylene promotes seed germination
	एथिलीन बीज अंकुरण को बढ़ावा देता है
	Gibberellins promote stem elongation
	जिबरेलिन तने की लम्बाई को बढ़ावा देते हैं

Q.No: 40	Which of the following disputes falls under the Supreme Court's exclusive original jurisdiction as per Article 131 of the Indian Constitution? भारतीय संविधान के अनुच्छेद 131 के अनुसार निम्नलिखित में से कौन सा विवाद सर्वोच्च न्यायालय के अनन्य मूल क्षेत्राधिकार के अंतर्गत आता है?
	Inter-State water disputes
	अंतर-राज्यीय जल विवाद
	Election disputes of MPs and MLAs
	सांसदों और विधायकों के चुनावी विवाद
	Disputes between Centre and one or more States

	केंद्र और एक या अधिक राज्यों के बीच विवाद Appeals against High Court decisions उच्च न्यायालय के निर्णयों के विरुद्ध अपील
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Q.No: 41	If the resistance of a conductor is doubled while keeping the potential difference across its ends constant, what will happen to the current flowing through it? यदि किसी चालक के सिरों के बीच विभवान्तर को स्थिर रखते हुए उसका प्रतिरोध दोगुना कर दिया जाए, तो उसमें प्रवाहित धारा पर क्या प्रभाव पड़ेगा?
	It will double यह दोगुना हो जाएगा
	It will halve यह आधा हो जाएगा
	It will remain unchanged यह अपरिवर्तित रहेगा
	It will quadruple यह चौगुना हो जाएगा

Q.No: 42	Under Bharatiya Nagarik suraksha Samhita(BNSS), the period for default bail in minor offences is capped at? भारतीय नागरिक सुरक्षा संहिता (बीएनएसएस) के तहत, मामूली अपराधों में डिफॉल्ट जमानत की अवधि कितनी है??
	30 days 30दिन
	45 days 45दिन
	60 days 60 दिन
	90 days 90दिन
<b>Not Answered</b>	

Q.No: 43	Which scheme promotes crop diversification through cluster-based planning? कौन सी योजना क्लस्टर आधारित योजना के माध्यम से फसल विविधीकरण को बढ़ावा देती है?
	PM-AASHA (Pradhan Mantri Annadata Aay Sanrakshan Abhiyan) पीएम-आशा (प्रधानमंत्री अन्नदाता आय संरक्षण अभियान)
	RKVY (Rashtriya Krishi Vikas Yojana) आरकेवीवाई (राष्ट्रीय कृषि विकास योजना)

	SMAM (Sub-Mission on Agricultural Mechanization)
	एसएमएम (कृषि मशीनीकरण पर उप-मिशन)
	AIF (Agriculture Infrastructure Fund)
	एआईएफ (कृषि अवसंरचना कोष)
<b>Not Answered</b>	

Q.No: 44	<p>Read the below statements marked as Assertion (A) and Reason (R). Mark the <b>correct</b> options:</p> <p><b>Assertion (A):</b> PM2.5 is more harmful than PM10 in AQI.</p> <p><b>Reason (R):</b> PM2.5 particles are smaller and can reach deep into the lungs and bloodstream.</p> <p>नीचे दिए गए कथनों को अभिकथन (A) और कारण (R) से चिह्नित करके पढ़िए। <b>सही</b> विकल्पों पर निशान लगाइए:</p> <p><b>अभिकथन (A):</b> वायु गुणवत्ता सूचकांक (AQI) में PM2.5, PM10 से अधिक हानिकारक है।</p> <p><b>कारण (R):</b> PM2.5 कण छोटे होते हैं और फेफड़ों और रक्तप्रवाह में गहराई तक पहुँच सकते हैं।</p> <p>Both A and R are true, and R is the correct explanation of A.</p> <p>A और R दोनों सत्य हैं, तथा R, A का सही स्पष्टीकरण है।</p> <p>Both A and R are true, but R is not the correct explanation of A.</p> <p>A और R दोनों सत्य हैं, लेकिन R, A का सही स्पष्टीकरण नहीं है।</p> <p>A is true, but R is false.</p> <p>A सत्य है, लेकिन R असत्य है।</p> <p>A is false, but R is true.</p> <p>A असत्य है, लेकिन R सत्य है।</p>
<b>Not Answered</b>	

Q.No: 45	<p>Which national park reported a successful tiger population rise in 2024, reaching over 150 tigers?</p> <p>किस राष्ट्रीय उद्यान ने 2024 में बाघों की आबादी में सफल वृद्धि दर्ज की है, जो 150 से अधिक बाघों तक पहुंच गई है?</p> <p>Ranthambore</p> <p>रणथंभौर</p> <p>Nagarhole National Park</p> <p>नागरहोल राष्ट्रीय उद्यान</p> <p>Corbett</p> <p>कॉर्बेट</p> <p>Satpura</p> <p>सतपुड़ा</p>
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Q.No: 46	<p><b>Fill in the Blank:</b></p> <p>Doctrine of Severability allows the _____ part of a law to be retained.</p>
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	<b>रिक्त स्थान भरें:</b> पृथक्करणयता का सिद्धांत किसी कानून के _____ भाग को बनाए रखने की अनुमति देता है।
	Repealed
	निरस्त Inconsistent
	असंगत
	Valid
	वैध
	Unconstitutional
	असंवैधानिक

Q.No: 47	Read the statements carefully and choose the <b>correct</b> option: <b>Assertion (A):</b> Aluminium smelting is the most important metallurgical industry in India. <b>Reason (R):</b> Aluminium is used in the manufacture of aircraft, wires, and utensils.  कथनों को ध्यानपूर्वक पढ़ें और <b>सही</b> विकल्प चुनें: <b>अभिकथन (A):</b> एल्युमीनियम प्रगलन भारत में सबसे महत्वपूर्ण धातुकर्म उद्योग है। <b>कारण (R):</b> एल्युमीनियम का उपयोग विमान, तार और बर्तनों के निर्माण में किया जाता है।
	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

Q.No: 48	Match the dance with its prime social/religious context:										
	<table border="1"> <thead> <tr> <th>Dance</th> <th>social/religious context</th> </tr> </thead> <tbody> <tr> <td>1. Rauf</td> <td>A. Eid &amp; spring-wedding festivities</td> </tr> <tr> <td>2. Karma</td> <td>B. Bhadra Ekadashi agrarian ritual</td> </tr> <tr> <td>3. Tamasha</td> <td>C. Night-long folk-theatre in Shimga season</td> </tr> <tr> <td>4. Jhumar</td> <td>D. Post-monsoon tea-garden recreations</td> </tr> </tbody> </table>	Dance	social/religious context	1. Rauf	A. Eid & spring-wedding festivities	2. Karma	B. Bhadra Ekadashi agrarian ritual	3. Tamasha	C. Night-long folk-theatre in Shimga season	4. Jhumar	D. Post-monsoon tea-garden recreations
Dance	social/religious context										
1. Rauf	A. Eid & spring-wedding festivities										
2. Karma	B. Bhadra Ekadashi agrarian ritual										
3. Tamasha	C. Night-long folk-theatre in Shimga season										
4. Jhumar	D. Post-monsoon tea-garden recreations										

नृत्य को उसके प्रमुख सामाजिक/धार्मिक संदर्भ से मिलाएं:

नृत्य	सामाजिक/धार्मिक संदर्भ
1. रौफ	A. ईद और वसंत-विवाह उत्सव
2. कर्मा	B. भाद्र एकादशी कृषि अनुष्ठान
3. तमाशा	C. शिमगा ऋतु में रात्रि भर चलने वाला लोक-नाट्य
4. झूमर	D. मानसून के बाद चाय बागानों में मनोरंजन

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

1-A, 2-B, 3-C, 4-D

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

1-A, 2-C, 3-B, 4-D

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

1-B, 2-A, 3-C, 4-D

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

1-A, 2-B, 3-D, 4-C

Q.No: 49 Which pair correctly matches atmosphere layer & feature?

कौन सी जोड़ी वायुमंडल परत और विशेषता से सही मेल खाती है?

Troposphere - weather

क्षोभमंडल - मौसम

Thermosphere- ozone

थर्मोस्फीयर- ओजोन

Mesosphere - satellites

मध्यमंडल - उपग्रह

Stratosphere - meteors

समताप मंडल - उल्कापिंड

Q.No: 50 Consider the following statements:

1. The Concurrent List allows both Centre and States to legislate.

2. In case of conflict, State law prevails over Union law.

Which of the above is/are correct?

**निम्नलिखित कथनों पर विचार कीजिए:**

1. समवर्ती सूची केंद्र और राज्य दोनों को कानून बनाने की अनुमति देती है।
2. टकराव की स्थिति में, राज्य का कानून संघ के कानून पर प्रबल होता है। उपर्युक्त में से कौन सा/से सही है/हैं?

Only 1

केवल 1

Only 2

केवल 2

Both 1 and 2

1 और 2 दोनों

Neither 1 nor 2

न तो 1 और न ही 2

Roll No.	
Candidate Name	
Exam Level	: <input type="text" value="SSC CGL Tier 1"/>
Test Date	: 16 Sep 2025
Test Time and Shift	: 12:30 PM (Shift-2)
Centre Name	: M_S DASH ADVANCED ENGINEERING

Correct Option selected Wrong Option selected Correct Option Not Answered

Save / Print

### Undertaking by the candidate :

I acknowledge that this saved question paper is for my personal use and self-analysis only. I understand that sharing, distributing, or using it for commercial or any other purposes is strictly prohibited and may lead to legal action as per applicable acts, rules and regulations.

### Note:

The candidates may note that in the challenge module the sequence of the questions and the options may be different from how it appeared during the examination. This is because in the challenge module the sequence of the questions as well as the answers will be the same for all the candidates who appeared in a particular shift while during the actual examination these sequences were different for different candidates. However the answer key selected by the candidates during the examination will exactly be reflected in the challenge module.

## PART-C (Quantitative Aptitude)

Q.No: 51	If p:q=4:1, find (5p+3q):(5p-3q).
	यदि p:q=4:1, तो (5p+3q):(5p-3q) ज्ञात करें।
	23 : 17
	23 : 17
	17 : 23
	17 : 23
	7 : 17
	7 : 17
	17 : 7
	17 : 7

Q.No: 52	What is the value of: $(\sqrt{18 + \sqrt{2}})^2 - (\sqrt{8 + \sqrt{2}})^2$
	इसका मान क्या है: $(\sqrt{18 + \sqrt{2}})^2 - (\sqrt{8 + \sqrt{2}})^2$

14
14
15
15
16
16
17
17

Q.No: 53	Simplify: $(\frac{5}{6} + \frac{3}{4}) \div (\frac{7}{8} - \frac{1}{3})$ सरल करें: $(\frac{5}{6} + \frac{3}{4}) \div (\frac{7}{8} - \frac{1}{3})$
	$\frac{38}{13}$
	$\frac{38}{13}$
	$\frac{48}{13}$
	$\frac{48}{13}$
	$\frac{58}{13}$
	$\frac{58}{13}$
	$\frac{68}{13}$
	$\frac{68}{13}$

Q.No: 54	A, B, and C invested ₹24,000, ₹36,000, and ₹40,000 respectively. A's investment was for 12 months, B's for 8 months, and C's for 6 months. The total profit is ₹50,000. What is B's share of the profit? A, B और C ने क्रमशः ₹24,000, ₹36,000 और ₹40,000 का निवेश किया। A का निवेश 12 महीने के लिए था, B का 8 महीने के लिए और C का 6 महीने के लिए। कुल लाभ ₹50,000 है। लाभ में B का हिस्सा क्या है?
	₹17,647.06
	₹17,647.06
	₹27,647.56
	₹27,647.56
	₹23,647.46
	₹23,647.46
	₹21,647.72
	₹21,647.72

Q.No: 55	The average age of a committee of 9 members increases by 3 years when two men aged 42 and 44 years are replaced by two women. What is the average age of these two women? 9 सदस्यों वाली एक समिति की औसत आयु 3 वर्ष बढ़ जाती है जब 42 और 44 वर्ष की आयु वाले दो पुरुषों को दो महिलाओं द्वारा प्रतिस्थापित किया जाता है। इन दो महिलाओं की औसत आयु क्या है?
	50.5 years
	50.5 वर्ष
	46.5 years
	46.5 वर्ष
	56.5 years
	56.5 वर्ष
	60.5 years
	60.5 वर्ष

Q.No: 56	There are 6 consecutive integers and 5 consecutive integers. The average of the 6 integers is 2 less than the average of the 5 integers. The sum of the 5 integers is 4 more than the sum of the 6 integers. Find the average of the 6 integers. 6 क्रमागत पूर्णांक और 5 क्रमागत पूर्णांक हैं। 6 पूर्णांकों का औसत 5 पूर्णांकों के औसत से 2 कम है। 5 पूर्णांकों का योग 6 पूर्णांकों के योग से 4 अधिक है। 6 पूर्णांकों का औसत ज्ञात कीजिए।
	6
	6
	5
	5
	4
	4
	3
	3

Q.No: 57	Seventy-five percent of a number is 15 more than two-thirds of that number. Find the number. किसी संख्या का पचहत्तर प्रतिशत उस संख्या के दो-तिहाई से 15 अधिक है। संख्या ज्ञात कीजिए।
	120
	120
	150
	150
	180
	180
	210
	210

Q.No: 58	A TV set is available for ₹19,650 in cash or for ₹3,100 as a cash down payment and three equal annual instalments. If the shopkeeper charges interest at the rate of 10% per annum compounded annually, calculate the amount of each instalment. एक टीवी सेट ₹19,650 नकद या ₹3,100 नकद अग्रिम भुगतान और तीन बराबर वार्षिक किश्तों में उपलब्ध है। यदि दुकानदार वार्षिक चक्रवृद्धि 10% की दर से ब्याज लेता है, तो प्रत्येक किश्त की राशि की गणना करें।
	₹ 9,655
	₹ 9,655
	₹ 7,655
	₹ 7,655
	₹ 6,655
	₹ 6,655
	₹ 8,655
	₹ 8,655

Q.No: 59	A mobile phone retailer sells a phone for ₹P and earns a profit of 20%. For a special festive offer, he marks the same phone at ₹1.5P. At the offer, he provides a discount of 10%. What will be the percentage profit that he will make during the festive offer? एक मोबाइल फोन रिटेलर एक फोन ₹P में बेचता है और 20% का लाभ कमाता है। एक विशेष त्यौहारी ऑफर के लिए, वह उसी फोन को ₹1.5P पर बेचता है। ऑफर पर, वह 10% की छूट देता है। त्यौहारी ऑफर के दौरान उसे कितना प्रतिशत लाभ होगा?
	26%
	26%
	56%
	56%
	62%
	62%
	60%
	60%

Q.No: 60	A gadget is sold at a 15% discount on its marked price. This sale leads to a profit of 20% on its cost price. If the profit earned is ₹450, what would have been the selling price if the gadget was sold at a 25% discount on its marked price? एक गैजेट को उसके अंकित मूल्य पर 15% छूट पर बेचा जाता है। इस बिक्री से उसके क्रय मूल्य पर 20% का लाभ होता है। यदि अर्जित लाभ ₹450 है, तो गैजेट को उसके अंकित मूल्य पर 25% छूट पर बेचने पर विक्रय मूल्य क्या होता?
	₹2,585.36
	₹2,585.36
	₹1,528.24
	₹1,528.24
	₹2,879.45

	₹2,879.45
	₹2382.35
	₹2382.35

Q.No: 61	A, B, and C can complete a certain task in 20, 30, and 60 days, respectively. How many days will it take for A to finish the work if he receives help from B and C every third day? A, B और C किसी कार्य को क्रमशः 20, 30 और 60 दिनों में पूरा कर सकते हैं। यदि A को हर तीसरे दिन B और C से मदद मिलती है, तो उसे कार्य पूरा करने में कितने दिन लगेंगे?
	15 days
	15 दिन
	12 days
	12 दिन
	10 days
	10 दिन
	9 days
	9 दिन

Q.No: 62	Two distinct grades of rice, one priced at ₹80 per kilogram and the other at ₹120 per kilogram, are amalgamated in an undisclosed proportion. The resultant blend is retailed at ₹132 per kilogram, securing a profit margin of 20% on the overall cost price. Determine the precise ratio in which the two rice varieties were intermingled. चावल की दो अलग-अलग किस्मों, जिनमें से एक की कीमत ₹80 प्रति किलोग्राम और दूसरी की कीमत ₹120 प्रति किलोग्राम है, को एक अज्ञात अनुपात में मिलाया जाता है। परिणामी मिश्रण को ₹132 प्रति किलोग्राम पर खुदरा बेचा जाता है, जिससे कुल लागत मूल्य पर 20% का लाभ मार्जिन प्राप्त होता है। चावल की दो किस्मों को किस सटीक अनुपात में मिलाया गया, इसका निर्धारण करें।
	1 : 3
	1 : 3
	2 : 1
	2 : 1
	3 : 2
	3 : 2
	4 : 1
	4 : 1

Q.No: 63	The ratio of the speeds of a car and a bus is 3 : 4. If the bus covers a distance of 320 km in 4 hours, what is the speed of the car in km/h? एक कार और बस की गति का अनुपात 3 : 4 है। यदि बस 4 घंटे में 320 किमी की दूरी तय करती है, तो कार की गति किमी/घंटा में क्या है?
	60 km/h

60 किमी/घंटा
75 km/h
75 किमी/घंटा
80 km/h
80 किमी/घंटा
90 km/h
90 किमी/घंटा

Q.No: 64	An individual invested certain amounts in three different schemes P, Q, and R at simple interest rates of 7% p.a., 9% p.a., and 11% p.a. respectively. If the total interest accrued in one year was ₹2520 and the amount invested in Scheme R was 250% of the amount invested in Scheme P and 300% of the amount invested in Scheme Q, what was the amount invested in Scheme P?  एक व्यक्ति ने तीन अलग-अलग योजनाओं P, Q और R में क्रमशः 7% प्रति वर्ष, 9% प्रति वर्ष और 11% प्रति वर्ष की साधारण ब्याज दरों पर कुछ राशि का निवेश किया। यदि एक वर्ष में अर्जित कुल ब्याज ₹2520 था और योजना R में निवेश की गई राशि योजना P में निवेश की गई राशि का 250% और योजना Q में निवेश की गई राशि का 300% थी, तो योजना P में निवेश की गई राशि क्या थी?
	₹5000
	₹5000
	₹5500
	₹5500
	₹6000
	₹6000
	₹6500
	₹6500
<b>Not Answered</b>	

Q.No: 65	A tower stands 50 meters tall. From its peak, the angles of depression to the top and bottom of a nearby building are measured at 30° and 45°, respectively. Determine the approximate height of the building as well as the horizontal distance separating the tower from the building.  एक मीनार 50 मीटर ऊँची है। इसके शिखर से, पास की एक इमारत के ऊपर और नीचे के अवनमन कोण क्रमशः 30° और 45° मापे गए हैं। इमारत की अनुमानित ऊँचाई और मीनार को इमारत से अलग करने वाली क्षैतिज दूरी निर्धारित करें।
	height= 21 m , distance =50 m
	ऊँचाई = 21 मीटर, दूरी = 50 मीटर
	height = 25 m , distance = 25 m
	ऊँचाई = 25 मीटर, दूरी = 25 मीटर
	height = 28 m , distance = 15 m
	ऊँचाई = 28 मीटर, दूरी = 15 मीटर
	height = 18 m , distance = 15 m
	ऊँचाई = 18 मीटर, दूरी = 15 मीटर

Q.No: 66	A sphere is melted and recast into 8 identical cones, each with radius 3 cm and height 4 cm. What was the radius of the original sphere? एक गोले को पिघलाकर 8 समान शंकुओं में ढाला गया, जिनमें से प्रत्येक की त्रिज्या 3 सेमी और ऊँचाई 4 सेमी है। मूल गोले की त्रिज्या क्या थी?
	4.16 cm
	4.16 सेमी
	5.28 cm
	5.28 सेमी
	6.54 cm
	6.54 सेमी
	7.56cm
	7.56 सेमी

Q.No: 67	The area of a regular hexagon is made of how many equilateral triangles? एक नियमित षट्भुज का क्षेत्रफल कितने समबाहु त्रिभुजों से बना होता है?
	3
	3
	4
	4
	5
	5
	6
	6

Q.No: 68	A circular fountain with a radius of 7 m is encircled by a grass bed that is 3.5 m wide. Determine the ratio of the area of the grass bed to the area of the fountain. 7 मीटर त्रिज्या वाला एक वृत्ताकार फव्वारा 3.5 मीटर चौड़ी घास की क्यारी से घिरा है। घास की क्यारी के क्षेत्रफल और फव्वारे के क्षेत्रफल का अनुपात ज्ञात कीजिए।
	3:2
	3:2
	2:1
	2:1
	5:4
	5:4
	4:1

4:1

Q.No: 69 A tent designed as a triangular prism features a triangular base with an area of  $20 \text{ m}^2$  and a height of 6 m. What is the volume of this tent?

एक त्रिकोणीय प्रिज्म के रूप में डिज़ाइन किए गए तम्बू का आधार 20 वर्ग मीटर क्षेत्रफल और 6 मीटर ऊँचाई वाला त्रिकोणीय है। इस तम्बू का आयतन क्या है?

$100 \text{ m}^3$

100 मीटर <sup>3</sup>

$120 \text{ m}^3$

120 मीटर <sup>3</sup>

$130 \text{ m}^3$

130 मीटर <sup>3</sup>

$140 \text{ m}^3$

140 मीटर <sup>3</sup>

Q.No: 70 Which line has slope  $-1$  and passes through  $(2,3)$ ?

किस रेखा का ढलान  $-1$  है और वह  $(2,3)$  से होकर गुजरती है?

$y = -x + 5$

$y = -x + 5$

$y = x + 5$

$y = x + 5$

$y = 5x + 2$

$y = 5x + 2$

$y = -5x + 2$

$y = -5x + 2$

Q.No: 71 Simplify:

$$\sqrt{45} + \sqrt{20} - \sqrt{5}.$$

सरलीकरण:

$$\sqrt{45} + \sqrt{20} - \sqrt{5}.$$

$4\sqrt{5}$

$4\sqrt{5}$

$6\sqrt{5}$

$6\sqrt{5}$

$8\sqrt{5}$

	$8\sqrt{5}$
	$7\sqrt{5}$
	$7\sqrt{5}$

Q.No: 72	Three non-overlapping, non-touching circles are drawn in a plane. What is the maximum number of distinct common tangents that can be drawn to them in total? एक तल में तीन अव्यापनशील, अस्पर्शी वृत्त खींचे गए हैं। उन पर खींची जा सकने वाली अधिकतम स्पष्ट उभयनिष्ठ स्पर्श रेखाओं की संख्या कितनी है?
	17
	17
	16
	16
	9
	9
	12
	12

Q.No: 73	In a circle, chord AB and chord CD intersect at E such that $AE : EB = 2 : 3$ and $CE : ED = 5 : 2$ . If $AB = x$ and $CD = y$ , which of the following is true? एक वृत्त में, जीवा AB और जीवा CD बिंदु E पर इस प्रकार प्रतिच्छेद करती हैं कि $AE : EB = 2 : 3$ और $CE : ED = 5 : 2$ है। यदि $AB = x$ और $CD = y$ है, तो निम्नलिखित में से कौन सा सत्य है?
	$\frac{x^2}{y^2} = \frac{15}{16}$
	$\frac{x^2}{y^2} = \frac{15}{16}$
	$\frac{x}{y} = \frac{6}{15}$
	$\frac{x}{y} = \frac{6}{15}$
	$\frac{x}{y} = \frac{10}{9}$
	$\frac{x}{y} = \frac{10}{9}$
	$\frac{x^2}{y^2} = \frac{125}{147}$
	$\frac{x^2}{y^2} = \frac{125}{147}$

Not Answered

Q.No: 74	A chord in a circle with radius 10 cm subtends an angle of $90^\circ$ at the center. What is the area of the minor segment?
----------	---

	10 सेमी त्रिज्या वाले एक वृत्त में एक जीवा केंद्र पर $90^\circ$ का कोण बनाती है। लघु वृत्तखंड का क्षेत्रफल क्या है?
<input checked="" type="checkbox"/>	$(25\pi - 50)$ sq. cm
<input type="checkbox"/>	$(25\pi - 50)$ वर्ग सेंटीमीटर
<input type="checkbox"/>	$(50\pi - 25)$ sq. cm
<input type="checkbox"/>	$(50\pi - 25)$ वर्ग सेंटीमीटर
<input type="checkbox"/>	$(50\pi - 50)$ sq. cm
<input type="checkbox"/>	$(50\pi - 50)$ वर्ग सेंटीमीटर
<input type="checkbox"/>	$(100\pi - 50)$ sq. cm
<input type="checkbox"/>	$(100\pi - 50)$ वर्ग सेंटीमीटर

Q.No: 75	Evaluate: $(0.05^3 + 0.01^3) \div (0.25^3 + 0.05^3)$
	मूल्यांकन करें: $(0.05^3 + 0.01^3) \div (0.25^3 + 0.05^3)$
<input checked="" type="checkbox"/>	0.008
<input type="checkbox"/>	0.008
<input type="checkbox"/>	0.004
<input type="checkbox"/>	0.004
<input type="checkbox"/>	0.006
<input type="checkbox"/>	0.006
<input type="checkbox"/>	0.002
<input type="checkbox"/>	0.002

<b>Roll No.</b>	
<b>Candidate Name</b>	
<b>Exam Level</b>	: <input type="text" value="SSC CGL Tier 1"/>
<b>Test Date</b>	: <b>16 Sep 2025</b>
<b>Test Time and Shift</b>	: <b>12:30 PM (Shift-2)</b>
<b>Centre Name</b>	:

Correct Option selected
Wrong Option selected
Correct Option
Not Answered

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**Undertaking by the candidate :**

I acknowledge that this saved question paper is for my personal use and self-analysis only. I understand that sharing, distributing, or using it for commercial or any other purposes is strictly prohibited and may lead to legal action as per applicable acts, rules and regulations.

**Note:**

The candidates may note that in the challenge module the sequence of the questions and the options may be different from how it appeared during the examination. This is because in the challenge module the sequence of the questions as well as the answers will be the same for all the candidates who appeared in a particular shift while during the actual examination these sequences were different for different candidates. However the answer key selected by the candidates during the examination will exactly be reflected in the challenge module.

**PART-D (English Comprehension)**

Q.No: 76	Select the most appropriate synonym of the given word: <b>GARRULOUS</b>
<input checked="" type="checkbox"/>	Talkative
<input type="checkbox"/>	Reserved
<input type="checkbox"/>	Silent
<input type="checkbox"/>	Listen
Q.No: 77	Select the most appropriate antonym of the given word. <b>Incessant</b>
<input type="checkbox"/>	Constant
<input type="checkbox"/>	Ceaseless
<input checked="" type="checkbox"/>	Intermittent
<input type="checkbox"/>	Perpetual

Q.No: 78	Select the most appropriate antonym of the given word. <b>Piquant</b>
<input checked="" type="checkbox"/>	Bland
<input type="checkbox"/>	Spicy
<input type="checkbox"/>	Zesty
<input type="checkbox"/>	Tart

Q.No: 79	Choose the correct meaning of idiom: <b>Carry coals to Newcastle</b>
<input checked="" type="checkbox"/>	Provide something where it is already abundant
<input type="checkbox"/>	Seek advice from experts
<input type="checkbox"/>	Complain without cause
<input type="checkbox"/>	Travel without direction

Q.No: 80	Choose the correct meaning of idiom: <b>Toe the line</b>
<input type="checkbox"/>	Follow the leader physically
<input type="checkbox"/>	Join the military
<input checked="" type="checkbox"/>	Obey rules or authority exactly
<input type="checkbox"/>	Oppose popular opinion

Q.No: 81	Which is the <b>correct spelling</b> of a word meaning 'self-rule'?
<input checked="" type="checkbox"/>	Autonomy
<input type="checkbox"/>	Autonamy
<input type="checkbox"/>	Autonommy
<input type="checkbox"/>	Autonaumy

Q.No: 82	Spot the <b>correct spelling</b> of a 24-hour biological cycle.
----------	---

	Circadion
<input checked="" type="checkbox"/>	Circadian
	Circadien
	Circadijan

Q.No: 83 Choose the correct **one-word substitute** for: 'Something that is impossible to be read'.

- |                                     |              |
|-------------------------------------|--------------|
| <input checked="" type="checkbox"/> | Illegible    |
|                                     | Decipherable |
|                                     | Invisible    |
|                                     | Unutterable  |

Q.No: 84 Choose the correct **one-word substitute** for: 'A deep and seemingly bottomless chasm'.

- |                                     |          |
|-------------------------------------|----------|
|                                     | Crevasse |
|                                     | Crater   |
| <input checked="" type="checkbox"/> | Abyss    |
|                                     | Gorge    |

Q.No: 85 **Choose the correct phrasal verb:**

The scientist was unable to \_\_\_\_ a definitive conclusion from the data.

- |                                     |           |
|-------------------------------------|-----------|
|                                     | draw out  |
|                                     | bring up  |
|                                     | make over |
| <input checked="" type="checkbox"/> | arrive at |

Q.No: 86 **Select the correct option:**

He spoke so \_\_\_ that even abstruse theories seemed digestible.

- |                                     |         |
|-------------------------------------|---------|
|                                     | lucid   |
| <input checked="" type="checkbox"/> | lucidly |

	lucidity
	lucidness

Q.No: 87	<b>Find the part of the sentence that contains an error:</b> It was the misalignment between projected and actual data (1)/ that cast doubt not only on the calculations (2)/ but also on the assumptions that (3)/ underlied the funding strategy. (4)
	(1)
	(2)
	(3)
	(4)

Q.No: 88	<b>Change the following from active to passive:</b> Someone must have tampered with the encryption keys.
	The encryption keys must have been tampered with.
	The encryption keys must have tampered by someone.
	The encryption keys must be tampered with by someone.
	The encryption keys must had been tampered with.

Q.No: 89	<b>Select the sentence containing the homonym of the highlighted word:</b> The artisan engraved a <b>cartouche</b> around the royal name.  The papyrus bore a golden cartouche of the pharaoh.  The Egyptian cartouche encircled each hieroglyph name.  The archaeologist uncovered a silver cartouche.  The sculptor carved a cartouche of floral motifs for the ceiling.
<b>Not Answered</b>	

Q.No: 90	<b>Convert the sentence provided below from its passive voice structure to an active voice structure:</b> A solution has been suggested by the team to resolve the issue.
	The team had suggested a solution to resolve the issue.

	The team was suggesting a solution to resolve the issue.
	The team suggested a solution to resolve the issue.
<input checked="" type="checkbox"/>	The team has suggested a solution to resolve the issue.

Q.No: 91	Choose the most suitable option to replace the highlighted part of the sentence: She <b>told to me</b> the news.
<input checked="" type="checkbox"/>	told me
<input type="checkbox"/>	told for me
<input type="checkbox"/>	said to me
<input type="checkbox"/>	has told to me

Q.No: 92	Choose the most suitable option to replace the highlighted part of the sentence: Neither of the options <b>are suitable for this task</b> .
<input type="checkbox"/>	is suitable to the task
<input checked="" type="checkbox"/>	is suitable for this task
<input type="checkbox"/>	were suitable in this task
<input type="checkbox"/>	is suitable at this task

Q.No: 93 **Read the following passage and answer the questions based on the passage :**

Democracy is frequently extolled as the political system that best guarantees individual liberty. Enshrined in constitutional rights and protected by the rule of law, freedom of speech, association, religion, and conscience are regarded as hallmarks of democratic governance. However, what is less frequently acknowledged—but equally vital—is the reciprocal pillar of responsibility without which such freedoms can degenerate into chaos, polarization, or authoritarian backlashes. Freedom in a democracy is not absolute; it exists within a framework of mutual restraint and civic discipline. The right to express dissent, for instance, is foundational. Yet when freedom of expression is weaponized to disseminate hate speech, misinformation, or seditious propaganda, it ceases to serve the democratic cause. Responsibility thus entails a conscious engagement with the implications of one’s actions—not just their legality, but their ethical and civic consequences. The challenge lies in reconciling liberty with accountability in pluralistic societies. With diverse cultural, ideological, and economic constituencies, democracies are inherently sites of contention. In such contexts, responsibility demands more than legal compliance—it requires empathy, critical thinking, and a commitment to collective well-being. A citizen’s right to protest, for example, must be exercised with awareness of public order and respect for differing viewpoints. Similarly, the freedom to vote must be matched by an obligation to make informed choices, unswayed by populism, prejudice, or manipulation. The tension between freedom and responsibility is perhaps most visible during moments of crisis—be it a pandemic, a communal riot, or a constitutional standoff. In such times, the temptation to prioritize personal liberty at the cost of collective safety can prove fatal. Refusal to wear masks during a health emergency or the viral spread of unverified news during civil unrest exemplify how unbridled freedom can undermine democratic resilience. Moreover, democracy itself is not self-sustaining; it requires vigilant citizens who recognize that rights are not entitlements in perpetuity, but privileges preserved through active participation. When freedom is divorced from responsibility, democratic institutions become vulnerable to erosion—from within. Demagogues often rise not solely because of state failure, but due to civic apathy or irresponsible use of democratic freedoms by the populace itself. Therefore, in any functioning democracy, freedom and responsibility are not opposing forces but mutually reinforcing imperatives. The preservation of liberty necessitates a citizenry capable of ethical judgment, informed debate, and constructive dissent. In the absence of responsibility, freedom risks transforming from a catalyst of justice into a vehicle of division. Democracy survives not just through the laws it enacts, but through the civic virtues its citizens embody.

According to the passage, what happens when freedom is exercised without responsibility?

It enhances legal systems

It strengthens civic unity

It leads to misuse and societal harm

It guarantees better governance

Q.No: 94 **Read the following passage and answer the questions based on the passage :**

Democracy is frequently extolled as the political system that best guarantees individual liberty. Enshrined in constitutional rights and protected by the rule of law, freedom of speech, association, religion, and conscience are regarded as hallmarks of democratic governance. However, what is less frequently acknowledged—but equally vital—is the reciprocal pillar of responsibility without which such freedoms can degenerate into chaos, polarization, or authoritarian backlashes. Freedom in a democracy is not absolute; it exists within a framework of mutual restraint and civic discipline. The right to express dissent, for instance, is foundational. Yet when freedom of expression is weaponized to disseminate hate speech, misinformation, or seditious propaganda, it ceases to serve the democratic cause. Responsibility thus entails a conscious engagement with the implications of one’s actions—not just their legality, but their ethical and civic consequences. The challenge lies in reconciling liberty with accountability in pluralistic societies. With diverse cultural, ideological, and economic constituencies, democracies are inherently sites of contention. In such contexts, responsibility demands more than legal compliance—it requires empathy, critical thinking, and a commitment to collective well-being. A citizen’s right to protest, for example, must be exercised with awareness of public order and respect for differing viewpoints. Similarly, the freedom to vote must be matched by an obligation to make informed choices, unswayed by populism, prejudice, or manipulation. The tension between freedom and responsibility is perhaps most visible during moments of crisis—be it a pandemic, a communal riot, or a constitutional standoff. In such times, the temptation to prioritize personal liberty at the cost of collective safety can prove fatal. Refusal to wear masks during a health emergency or the viral spread of unverified news during civil unrest exemplify how unbridled freedom can undermine democratic resilience. Moreover, democracy itself is not self-sustaining; it requires vigilant citizens who recognize that rights are not entitlements in perpetuity, but privileges preserved through active participation. When freedom is divorced from responsibility, democratic institutions become vulnerable to erosion—from within. Demagogues often rise not solely because of state failure, but due to civic apathy or irresponsible use of democratic freedoms by the populace itself. Therefore, in any functioning democracy, freedom and responsibility are not opposing forces but mutually reinforcing imperatives. The preservation of liberty necessitates a citizenry capable of ethical judgment, informed debate, and constructive dissent. In the absence of responsibility, freedom risks transforming from a catalyst of justice into a vehicle of division. Democracy survives not just through the laws it enacts, but through the civic virtues its citizens embody.

Why does the author mention protests and voting as examples?

To criticize public participation

To show areas where freedom and responsibility must coexist

To promote legal reforms

To support authoritarian models

Q.No: 95 **Read the following passage and answer the questions based on the passage :**

Democracy is frequently extolled as the political system that best guarantees individual liberty. Enshrined in constitutional rights and protected by the rule of law, freedom of speech, association, religion, and conscience are regarded as hallmarks of democratic governance. However, what is less frequently acknowledged—but equally vital—is the reciprocal pillar of responsibility without which such freedoms can degenerate into chaos, polarization, or authoritarian backlashes. Freedom in a democracy is not absolute; it exists within a framework of mutual restraint and civic discipline. The right to express dissent, for instance, is foundational. Yet when freedom of expression is weaponized to disseminate hate speech, misinformation, or seditious propaganda, it ceases to serve the democratic cause. Responsibility thus entails a conscious engagement with the implications of one’s actions—not just their legality, but their ethical and civic consequences. The challenge lies in reconciling liberty with accountability in pluralistic societies. With diverse cultural, ideological, and economic constituencies, democracies are inherently sites of contention. In such contexts, responsibility demands more than legal compliance—it requires empathy, critical thinking, and a commitment to collective well-being. A citizen’s right to protest, for example, must be exercised with awareness of public order and respect for differing viewpoints. Similarly, the freedom to vote must be matched by an obligation to make informed choices, unswayed by populism, prejudice, or manipulation. The tension between freedom and responsibility is perhaps most visible during moments of crisis—be it a pandemic, a communal riot, or a constitutional standoff. In such times, the temptation to prioritize personal liberty at the cost of collective safety can prove fatal. Refusal to wear masks during a health emergency or the viral spread of unverified news during civil unrest exemplify how unbridled freedom can undermine democratic resilience. Moreover, democracy itself is not self-sustaining; it requires vigilant citizens who recognize that rights are not entitlements in perpetuity, but privileges preserved through active participation. When freedom is divorced from responsibility, democratic institutions become vulnerable to erosion—from within. Demagogues often rise not solely because of state failure, but due to civic apathy or irresponsible use of democratic freedoms by the populace itself. Therefore, in any functioning democracy, freedom and responsibility are not opposing forces but mutually reinforcing imperatives. The preservation of liberty necessitates a citizenry capable of ethical judgment, informed debate, and constructive dissent. In the absence of responsibility, freedom risks transforming from a catalyst of justice into a vehicle of division. Democracy survives not just through the laws it enacts, but through the civic virtues its citizens embody.

What is implied about the relationship between citizens and democratic institutions?

Citizens cannot influence institutions

Institutions are entirely self-preserving

Citizens play an active role in sustaining democracy

Democratic institutions should restrict citizens' rights

**Not Answered**

Q.No: 96 **Read the following passage and answer the questions based on the passage :**

Democracy is frequently extolled as the political system that best guarantees individual liberty. Enshrined in constitutional rights and protected by the rule of law, freedom of speech, association, religion, and conscience are regarded as hallmarks of democratic governance. However, what is less frequently acknowledged—but equally vital—is the reciprocal pillar of responsibility without which such freedoms can degenerate into chaos, polarization, or authoritarian backlashes. Freedom in a democracy is not absolute; it exists within a framework of mutual restraint and civic discipline. The right to express dissent, for instance, is foundational. Yet when freedom of expression is weaponized to disseminate hate speech, misinformation, or seditious propaganda, it ceases to serve the democratic cause. Responsibility thus entails a conscious engagement with the implications of one’s actions—not just their legality, but their ethical and civic consequences. The challenge lies in reconciling liberty with accountability in pluralistic societies. With diverse cultural, ideological, and economic constituencies, democracies are inherently sites of contention. In such contexts, responsibility demands more than legal compliance—it requires empathy, critical thinking, and a commitment to collective well-being. A citizen’s right to protest, for example, must be exercised with awareness of public order and respect for differing viewpoints. Similarly, the freedom to vote must be matched by an obligation to make informed choices, unswayed by populism, prejudice, or manipulation. The tension between freedom and responsibility is perhaps most visible during moments of crisis—be it a pandemic, a communal riot, or a constitutional standoff. In such times, the temptation to prioritize personal liberty at the cost of collective safety can prove fatal. Refusal to wear masks during a health emergency or the viral spread of unverified news during civil unrest exemplify how unbridled freedom can undermine democratic resilience. Moreover, democracy itself is not self-sustaining; it requires vigilant citizens who recognize that rights are not entitlements in perpetuity, but privileges preserved through active participation. When freedom is divorced from responsibility, democratic institutions become vulnerable to erosion—from within. Demagogues often rise not solely because of state failure, but due to civic apathy or irresponsible use of democratic freedoms by the populace itself. Therefore, in any functioning democracy, freedom and responsibility are not opposing forces but mutually reinforcing imperatives. The preservation of liberty necessitates a citizenry capable of ethical judgment, informed debate, and constructive dissent. In the absence of responsibility, freedom risks transforming from a catalyst of justice into a vehicle of division. Democracy survives not just through the laws it enacts, but through the civic virtues its citizens embody.

How does the passage describe the impact of crises on freedom in democracies?

Crises validate unlimited liberty

Crises show the need for absolute state control

Crises reveal the dangers of unregulated freedom

Crises diminish the value of rights

Q.No: 97	<p><b>Read the following passage and answer the questions based on the passage :</b></p> <p>Democracy is frequently extolled as the political system that best guarantees individual liberty. Enshrined in constitutional rights and protected by the rule of law, freedom of speech, association, religion, and conscience are regarded as hallmarks of democratic governance. However, what is less frequently acknowledged—but equally vital—is the reciprocal pillar of responsibility without which such freedoms can degenerate into chaos, polarization, or authoritarian backlashes. Freedom in a democracy is not absolute; it exists within a framework of mutual restraint and civic discipline. The right to express dissent, for instance, is foundational. Yet when freedom of expression is weaponized to disseminate hate speech, misinformation, or seditious propaganda, it ceases to serve the democratic cause. Responsibility thus entails a conscious engagement with the implications of one’s actions—not just their legality, but their ethical and civic consequences. The challenge lies in reconciling liberty with accountability in pluralistic societies. With diverse cultural, ideological, and economic constituencies, democracies are inherently sites of contention. In such contexts, responsibility demands more than legal compliance—it requires empathy, critical thinking, and a commitment to collective well-being. A citizen’s right to protest, for example, must be exercised with awareness of public order and respect for differing viewpoints. Similarly, the freedom to vote must be matched by an obligation to make informed choices, unswayed by populism, prejudice, or manipulation. The tension between freedom and responsibility is perhaps most visible during moments of crisis—be it a pandemic, a communal riot, or a constitutional standoff. In such times, the temptation to prioritize personal liberty at the cost of collective safety can prove fatal. Refusal to wear masks during a health emergency or the viral spread of unverified news during civil unrest exemplify how unbridled freedom can undermine democratic resilience. Moreover, democracy itself is not self-sustaining; it requires vigilant citizens who recognize that rights are not entitlements in perpetuity, but privileges preserved through active participation. When freedom is divorced from responsibility, democratic institutions become vulnerable to erosion—from within. Demagogues often rise not solely because of state failure, but due to civic apathy or irresponsible use of democratic freedoms by the populace itself. Therefore, in any functioning democracy, freedom and responsibility are not opposing forces but mutually reinforcing imperatives. The preservation of liberty necessitates a citizenry capable of ethical judgment, informed debate, and constructive dissent. In the absence of responsibility, freedom risks transforming from a catalyst of justice into a vehicle of division. Democracy survives not just through the laws it enacts, but through the civic virtues its citizens embody.</p> <p>What tone best describes the author's stance on freedom in democracy?</p> <p>Cynical and dismissive</p> <p><input checked="" type="checkbox"/> Balanced and cautionary</p> <p><input type="checkbox"/> Indifferent and neutral</p> <p><input type="checkbox"/> Overly optimistic</p>
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Q.No: 98	<p><b>Select the correct option for the Direct Speech conversion of the sentence below.</b></p> <p>He observed that, had market liquidity vanished entirely, the exchange would have suspended trading.</p> <p>He said, "If market liquidity vanishes entirely, the exchange suspends trading."</p> <p><input checked="" type="checkbox"/> He said, "Had market liquidity vanished entirely, the exchange would have suspended trading."</p> <p><input type="checkbox"/> He said, "The exchange will suspend trading if market liquidity had vanished entirely."</p> <p><input type="checkbox"/> He said, "If the exchange suspended trading, it was because market liquidity vanished entirely."</p>
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Q.No: 99	<b>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.</b> He said, "I am reading a book."
	He said he is reading a book.
<input checked="" type="checkbox"/>	He said that he was reading a book.
	He said that he had read a book.
	He said he read a book.

Q.No: 100	<b>Rearrange the following sentences to form a meaningful passage:</b> 1. Solar energy is one of the most promising renewable energy sources. 2. It has a minimal environmental impact compared to fossil fuels. 3. Solar panels convert sunlight into electricity. 4. However, energy storage remains a significant challenge for solar energy systems.
	2-1-4-3
<input checked="" type="checkbox"/>	1-2-4-3
	3-2-4-1
	4-1-2-3