

SSC CGL Previous Year Paper 9th August 2017







EXAM DATE: 9-August-2017 **EXAM NAME: SSC Examination**

TOTAL MARKS: 200

EXAM START TIME: 10:00:00 EXAM DURATION: 01:00 Hrs TOTAL NO OF QUESTIONS: 100

QID: 1 - In the following question, select the related word from the given alternatives.

Kilometre: Metre:: Tonne:?

निम्नलिखित प्रश्न में दिए गए विकल्पों में से संबंधित शब्द को चुनिए।

किलोमीटर: मीटर:: टन:?

Options:

1) Litre लीटर

2) Kilogram

किलोग्राम

3) Hours

घंटें

4) Weight भार

Correct Answer: Kilogram

किलोग्राम

Candidate Answer: Kilogram

किलोग्राम

QID: 2 - In the following question, select the related letters from the given alternatives.

AGN: IOV:: BLM:?

निम्नलिखित प्रश्न में दिए गए विकल्पों में से संबंधित अक्षरों को चुनिए।

AGN: IOV::BLM:?

Options:

1) JTU

2) KTU

3) JUV

4) TUJ

Correct Answer: JTU Candidate Answer: JTU

QID: 3 - In the following question, select the related number from the given alternatives.

9143:9963::6731:?

निम्नलिखित प्रश्न में दिए गए विकल्पों में से संबंधित संख्या को चुनिए।

9143:9963::6731:?

Options:

1) 1368

2) 5666

3) 8964

4) 9694

Correct Answer: 8964

Candidate Answer: [NOT ANSWERED]

QID: 4 - In the following question, select the odd word from the given alternatives.

निम्नलिखित प्रश्न में दिए गए विकल्पों में से विषम शब्द को चुनिए।

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Ontio	nc:

Options: 1) Chennai

चेन्नई

2) Daman

दमन 3) Raipur

रांयपुर

4) Shimla शिमला

Correct Answer: Daman

दमन

Candidate Answer: [NOT ANSWERED]

QID: 5 - In the following question, select the odd letter from the given alternatives.

निम्नलिखित प्रश्न में दिए गए विकल्पों में से विषम अक्षर को चुनिए।

Options:

1) B

2) N

3) P

4) W

Correct Answer: W Candidate Answer: W

QID: 6 - In the following question, select the odd number from the given alternatives.

निम्नलिखित प्रश्न में दिए गए विकल्पों में से विषम संख्या को चुनिए।

Options:

1) 313

2) 426

3) 925

4) 1034

Correct Answer: 313

Candidate Answer: [NOT ANSWERED]

QID: 7 - Arrange the given words in the sequence in which they occur in the dictionary.

- 1. Ball
- 2. Balanced
- 3. Balls
- 4. Balance
- 5. Balancing

निम्नलिखित शब्दों को शब्दकोश में आने वाले क्रम के अनुसार लिखें।

- 1. Ball
- 2. Balanced
- 3. Balls
- 4. Balance
- 5. Balancing

Options:

- **1**) 24135
- **2**) 42135
- 3) 42513 4) 54213

Correct Answer: 42513 Candidate Answer: 42513

QID: 8 - A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

AG, LR, WC, HN, ?

एक अनुक्रम दिया गया है, जिसमें से एक पद लुप्त है। दिए गए विकल्पों में से वह सही विकल्प चुनिए, जो अनुक्रम को पूरा करे।

AG, LR, WC, HN, ?



Options: 1) QY

2) RX

3) SY

4) TZ

Correct Answer: SY **Candidate Answer:** SY

QID: 9 - In the following question, select the missing number from the given series.

13, 16, 11, 18, 9, 20, ?

निम्नलिखित प्रश्न में दिए गए विकल्पों में से लुप्त अंक ज्ञात कीजिए।

13, 16, 11, 18, 9, 20, ?

Options:

1) 3

2) 5

3) 6

4) 7

Correct Answer: 7 **Candidate Answer:** 7

QID: 10 - Punit said to a lady, "The sister of your father's wife is my aunt". How is the lady related to Punit?

पुनीत एक स्त्री से कहता है कि, "तुम्हारे पिताजी की पत्नी की बहन मेरी बुआ है।" वह स्त्री, पुनीत से किस प्रकार संबंधित है?

Options:

1) Daughter

पुत्री

2) Grand Daughter

पोती

3) Niece

भतीजी **4**) Cousin sister

चचेरी/ममेरी बहन

Correct Answer: Cousin sister

चचेरी/ममेरी बहन

Candidate Answer: Cousin sister

चचेरी/ममेरी बहन

QID: 11 - There are 45 trees in a row. The lemon tree is 20th from right end. What is the rank of lemon tree from left end?

एक पंक्ति में 45 वृक्ष हैं। नीम्बू का वृक्ष दायें छोर से 20 वें स्थान पर है। नीम्बू के वृक्ष का स्थान बायें छोर से क्या है?

Options:

- **1**) 26
- **2**) 24
- **3**) 25 **4**) 27

Correct Answer: 26

Candidate Answer: 26

QID: 12 - In the following question, from the given alternative words, select the word which cannot be formed using the letters of the given word.

UNIFORMITY

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

UNIFORMITY

Options:

- 1) ANNUITY
- 2) FORUM
- 3) MINT
- 4) UNIFORM

Correct Answer: ANNUITY **Candidate Answer:** ANNUITY

QID: 13 - In a certain code language, "TIRED" is written as "56" and "BRAIN" is written as "44". How is "LAZY" written in that code language?

एक विशिष्ट कोड भाषा में, "TIRED" को "56" तथा "BRAIN" को "44" लिखा जाता है। इस कोड भाषा में "LAZY" को किस प्रकार लिखा जाएगा?



1) 64

2) 61

3) 58

4) 43

Correct Answer: 64 **Candidate Answer: 64**

QID: 14 - In the following question, by using which mathematical operator will the expression become correct?

18?6?9?27

निम्नलिखित प्रश्न में, दिए गए विकल्पों में से किन गणितीय संक्रियाओं के प्रयोग करने से दिया गया समीकरण सही हो जाएगा?

18?6?9?27

Options:

1) \mathbf{x} , \div and =

x, ÷ तथा =

 $\mathbf{2}$) ÷, \mathbf{x} and =

÷, x तथा =

3) $x_1 + and =$

x, + तथा =

4) +, - and =

+, - तथा =

Correct Answer: ÷, x and =

÷, **x** तथा =

Candidate Answer: \div , x and =

÷, **x** तथा =

QID: 15 - If 18 (9) 3 and 36 (30) 5, then what is the value of A in 19 (A) 18?

यदि 18 (9) 3 तथा 36 (30) 5 है, तो 19 (A) 18 में A का मान क्या है?

Options:

1) 33

2) 57 **3**) 75

4) 96

Correct Answer: 57

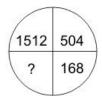
Candidate Answer: [NOT ANSWERED]

QID: 16 -

In the following question, select the number which can be placed at the sign of question mark (?) from the given alternatives.

निम्नलिखित प्रश्न में दिए गए विकल्पों में से प्रश्न चिह्न

(?) के स्थान पर आने वाली संख्या को चुनिए।



Options:

1) 53

2) 56

3) 59

4) 66

Correct Answer: 56

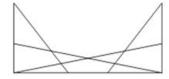




QID: 17 -

How many triangles are there in the given figure?

नीचे दी गई आकृति में कितने त्रिभ्ज हैं?



Options:

1) 14

2) 15

3) 17

4) 18

Correct Answer: 17

Candidate Answer: [NOT ANSWERED]

QID: 18 - In the following question below are given some statements followed by some conclusions. Taking the given statements to be true even if they seem to be at variance from commonly known facts, read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:

- I. Some pens are pencils.
- II. All pencils are erasers.

Conclusions:

- I. Some pencils are not pens.
- II. Some erasers are not pens.

नीचे दिए गए प्रश्न में कुछ कथन और उनके बाद उन कथनों पर आधारित कुछ निष्कर्ष दिए गए हैं, हालांकि उनमें सामान्य ज्ञात तथ्यों से भिन्नता हो सकती है। सभी निष्कर्ष पढ़ें और फिर निर्धारित करें कि दिए गए कौन से निष्कर्ष, दिए गए कथनों के आधार पर युक्तिसंगत हैं।

कथनः

I. कुछ पेन पेसिंल हैं। II. सभी पेसिंल रबर हैं।

निष्कर्षः

I. कुछ पेसिंल पेन नहीं हैं। II. कुछ रबर पेन नहीं हैं।

Options:

1) Only conclusion (I) follows.

केंवल निष्कर्ष (I) सही है।

2) Only conclusion (II) follows.

केवल निष्कर्ष (II) सहीं है।

3) Neither conclusion (I) nor conclusion (II) follows. न तो निष्कर्ष (I) और न ही निष्कर्ष (II) सही है।

4) Both conclusions follow.

दोनों ही निष्कर्ष सही हैं।

Correct Answer: Neither conclusion (I) nor conclusion (II) follows.

न तो निष्कर्ष (I) और न ही निष्कर्ष (II) सही है।

Candidate Answer: Neither conclusion (I) nor conclusion (II) follows.

न तो निष्कर्ष (I) और न ही निष्कर्ष (II) सही है।





Three positions of a cube are shown below. What will come opposite to face containing '4'?

नीचे एक घन की तीन अवस्थाएँ दर्शायी गयी है। अंक '4' के विपरीत फलक पर कौन सा अंक आयेगा?







Options:

1) 1

2) 2

3) 4

Correct Answer: 1 Candidate Answer: 1

QID: 20 - Identify the diagram that best represents the relationship among the given classes.

Music Instrument, Piano, Guitar

वह आरेख चुनिए जो नीचे दिए गए वर्गों के बीच के संबंध का सही निरूपण करता है।

वाद्य यंत्र, पियानो, गिटार

Options:

1)



2) 3) 4)

Correct Answer:

Candidate Answer:

QID: 21 -

Options:

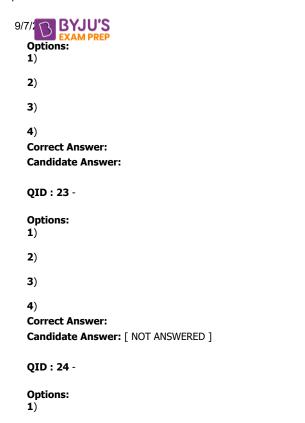


3)

4)

Correct Answer: Candidate Answer:

QID: 22 -





QID: 25 -

2)3)4)

Options:

1) 00, 13, 57, 76

Correct Answer: Candidate Answer:

2) 11, 04, 86, 59

3) 23, 22, 99, 95

4) 32, 40, 66, 68

Correct Answer: 11, 04, 86, 59 **Candidate Answer:** 11, 04, 86, 59

QID: 26 - Who gave the 'General Equilibrium Theory'?

'सामान्य संतुलन सिद्धांत' किसने प्रतिपादित किया था?

Options:

1) J. M. Keynes

जे. एम. कीन्स

2) Leon Walras लिऑन वालरस

3) David Ricardo

डेविड रिकार्डी

4) Adam Smith एडम स्मिथ

Correct Answer: Leon Walras

लिऑन वालरस

Candidate Answer: [NOT ANSWERED]

QID: 27 - Which of the following is not true about a Demand Draft?

निम्नलिखित में से कौन सा डिमांड ड्राफ्ट के संदर्भ मे सही नहीं है?

9/7/2 BYJU'S

Options:

1) It is a negotiable instrument.

यह एक परक्राम्य लिखत है।

2) It is a banker's cheque.

यह एक बैंकर्स चेक है।

3) It may be dishonoured for lack of funds.

यह धन के अभाव के कारण अस्वीकृत किया जा सकता है।

4) It is issued by a bank. यह बैंक द्वारा जारी किया जाता है।

Correct Answer: It may be dishonoured for lack of funds.

यह धन के अभाव के कारण अस्वीकृत किया जा सकता है।

Candidate Answer: [NOT ANSWERED]

QID: 28 - Who administers the oath of the President of India?

भारत के राष्ट्रपति के पद के लिए कौन शपथ दिलाता है?

Options:

1) Governor General of India

भारत के गवर्नर जनरल

2) Chief Justice of India

भारत के मुख्य न्यायाधीश

3) Prime Minister of India

भारत के प्रधानमंत्री

4) Vice President of India

भारत के उपराष्ट्रपति

Correct Answer: Chief Justice of India

भारत के मुख्य न्यायाधीश

Candidate Answer: [NOT ANSWERED]

QID: 29 - Who among the following gave monistic theory of sovereignty?

निम्नलिखित में से किसने सम्प्रभुता के अद्वैत सिद्धांत दिए थे?

Options:

1) Austin

ऑस्टिन

2) Darwin

डॉर्विन 3) Aristotle

अरस्तु

4) Marx

Correct Answer: Austin

Candidate Answer: Austin

QID: 30 - Which one is the correct chronological order of the following events?

I. Quit India Movement

II. Shimla Conference

III. Poona Pact

IV. Cabinet Mission

निम्नलिखित घटनाओं का उनके घटनाक्रमानुसार सही क्रम क्या है?

I. भारत छोडो आंदोलन

II. शिमला सम्मेलन

III. पूना समझौता

IV. कैबिनेट मिशन

Options:

1) II, IV, I, III

2) III, IV,II, I

3) III, I, II, IV 4) IV, II, III, I

Correct Answer: III, I, II, IV

Candidate Answer: [NOT ANSWERED]

QID: 31 - In 1917, which movement was launched by Mahatma Gandhi from Champaran?

वर्ष 1917 में महात्मा गांधी द्वारा चंपारण से कौन सा आंदोलन शुरू किया गया था?





Options:

1) Satyagraha

सत्याग्रह

2) Non co-operation movement

अंसहयोग आंदोलन

3) Quit India movement भारत छोड़ो आंदोलन

4) Swadeshi Movement

स्वंदेशी आंदोलन

Correct Answer: Satyagraha सत्याग्रह

Candidate Answer: Satyagraha

सत्याग्रह

QID: 32 - What is the name of the tropical cyclones in the China Sea?

चीन सागर में आने वाले उष्णकटिबंधीय चक्रवात का क्या नाम है?

Options:

1) Hurricanes

तुफान

2) Tornado

बवंडर

3) Twister

ट्विस्टर्स

4) Typhoon

टाइफून

Correct Answer: Typhoon

टाइफून

Candidate Answer: Typhoon

टाइफून

QID: 33 - Which among the following country is not a part of Scandinavia?

निम्नलिखित में से कौन सा देश स्कैंडेनेविया का हिस्सा नहीं है?

Options:

1) Norway नॉर्वे

2) Finland

फिंनलैंड

3) Sweden

स्वीडन 4) Denmark

डे**न**मार्क

Correct Answer: Finland

फिनलैंड

Candidate Answer: [NOT ANSWERED]

QID: 34 - Cattle quickly swallow grass and store it in their		
मवेशी घास निगलने के उपरान्त उसे	. में संगृहित करते हैं।	
Options:		
1) rumen		
प्रथम आमाशय		
2) esophagus		

भोजन-नलिका

3) small intestine छोटी आंत

4) salivary glands

लार ग्रंथिया

Correct Answer: rumen

प्रथम आमाशय

Candidate Answer: [NOT ANSWERED]

QID: 35 - Which of the following carries oxygen to various parts of human body?

निम्नलिखित में से कौन मानव शरीर के विभिन्न अंगो का ऑक्सीजन वाहक है?



Options:

1) Red blood cells लाल रक्त कोशिकाएँ

2) White blood cells श्वेत रक्त कोशिकाएँ

3) Plasma प्लाज्मा

4) Nerves तंत्रिकाए

Correct Answer: Red blood cells

लाल रक्त कोशिकाएँ

Candidate Answer: Red blood cells

लाल रक्त कोशिकाएँ

QID: 36 - Which of the following function is performed by the kidneys in the human body?

मानव शरीर के गुर्दे इनमें से कौन सा कार्य करते हैं?

Options:

1) Excretion

उत्सर्जन

2) Respiration

श्वसन

3) Digestion

पाचन

4) Transportation

परिवहन

Correct Answer: Excretion

उत्सर्जन

Candidate Answer: Excretion

उत्सर्जन

QID: 37 - The bending of light when it passes around a corner or a slit is due to

जब प्रकाश किसी किनारे या किसी दरार से गुजरती है, तो की वजह से वंकित हो जाती है।

Options:

1) reflection प्रतिबिम्ब

2) refraction अपवर्तन

3) diffraction

विवर्तन

4) total internal reflection पूर्ण आंतरिक प्रतिबिम्ब

Correct Answer: diffraction

Candidate Answer: refraction

अपवर्तन

QID: 38 - What is the reason for formation of Mirage in desert?

मरूस्थल में मरीचिका या मृगतृष्णा बनने का मुख्य कारण क्या है?

Options:

1) Refraction of light

प्रकाश का अपवर्तन

2) Reflection of light

प्रकाश का प्रतिबिम्ब 3) Total internal reflection of light

प्रकाश का पूर्ण आंतरिक प्रतिबिम्ब 4) Both Refraction and Total internal reflection of light

प्रकाश का अपवर्तन तथा पूर्ण आंतरिक प्रतिबिम्ब दोनों

Correct Answer: Both Refraction and Total internal reflection of light

प्रकाश का अपवर्तन तथा पूर्ण आंतरिक प्रतिबिम्ब दोनों

Candidate Answer: Total internal reflection of light

प्रकाश का पूर्ण आंतरिक प्रतिबिम्ब



9/	7/ EXAMPREP QID: 39 - FORTRAN is not used for
	(I) Drawing pictures (II) Carrying out mathematics computations
	एफ.ओ.आर.टी.आर.ए.एन. का प्रयोग के लिए नहीं होता है।
	(I) चित्र बनाने के लिए (II) गणित संगणना के लिए Options:
	1) Only (I) केवल (I) 2) Only (II) केवल (II)
	3) Both (I) and (II) (I) ਰथा (II) दोनों 4) Neither (I) nor (II) न तो (I) और न ही (II)
	Correct Answer: Both (I) and (II) (I) तथा (II) दोनों
	Candidate Answer: [NOT ANSWERED]
	QID: 40 - Which of the following bonds are weakest in nature?
	निम्नलिखित में से सबसे कमज़ोर बंध कौन सा है? Options: 1) Single bond एकल बंध 2) Double bond दोहरा बंध
	3) Triple bond तिहरा बंध 4) Hydrogen bond हाइड्रोजन बंध
	Correct Answer: Hydrogen bond हाइड्रोजन बंध
	Candidate Answer: [NOT ANSWERED]
	QID : 41 - In the following reaction, fill in the blank. Acid + Base → + Water
	निम्नलिखित अभिक्रिया में रिक्त स्थान भरें।
	अम्ल + क्षारक → + पानी Options:
	1) Carbon dioxide कार्बन डाइऑक्साइड 2) Metal Oxide मेटल ऑक्साइड 3) Hydrogen Gas
	3) गुजा विश्व हाइड्रोजन गैस 4) Salt नमक
	Correct Answer: Salt ਜਸ਼ਰ
	Candidate Answer: [NOT ANSWERED]
	QID: 42 - Bishnoi movement was started against which of the fo
	बिशनोई आन्दोलन इनमे से किस के विरूद्ध शुरु किया गया था?
	Options: 1) Cutting of Trees

llowing?

1) Cutting of Trees पेड़ों की कटाई 2) Inequality of Women स्त्री असमानता 3) Killing of Animals पशु हत्या 4) Increasing Pollution प्रदुषण वृध्दि

Correct Answer: Cutting of Trees पेड़ों की कटाई





QID: 43 - What is the major aim of Pradhan Mantri Ujjwala Yojana?

प्रधानमंत्री उज्जवला योजना का मुख्य लक्ष्य क्या है?

Options:

1) To provide electricity विदुयतं प्रदान करना 2) To provide LED bulbs

एल.ई.डी. बल्ब प्रदान करना 3) To provide LPG connections

एल.पी.जी. कनेक्शन प्रदान करना 4) To construct village roads गाँव की सड़कों का निर्माण करना

Correct Answer: To provide LPG connections

एल.पी.जी. कनेक्शन प्रदान करना

Candidate Answer: [NOT ANSWERED]

QID: 44 - Who discovered television?

टेलिविजन का आविष्कार किसने किया था?

Options:

1) Michael Faraday

माइकल फेराडे

2) Joseph Henry जोंसेफ हेनरी

3) Abbe Caselli अब्बे कासीली

4) John Baird

जोन बेयर्ड

Correct Answer: John Baird

जोन बेयर्ड

Candidate Answer: [NOT ANSWERED]

QID: 45 - How many players are there in a team of Volleyball?

वॉलीबाल की एक टीम में कितने खिलाडी होते हैं?

Options:

1) 2

2) 4

3) 6

4) 5

Correct Answer: 6 Candidate Answer: 6

QID: 46 -

Options:

1) 1-b, 2-c, 3-a

2) 1-c, 2-a, 3-b

3) 1-a, 2-c, 3-b

4) 1-b, 2-a, 3-c

Correct Answer: 1-c, 2-a, 3-b

Candidate Answer: [NOT ANSWERED]

QID: 47 - Who among the following has been recently awarded with 'Indian of the year' award?

निम्नलिखित में से किसे हाल ही में 'इंडियन ऑफ द ईयर' पुरस्कार दिया गया?



Options:

1) Sunita Rani

सुनीता रानी

2) Dhiraj Singh

धीरज सिंह

3) Preety Shenoy

प्रीति शिनॉय

4) Abhishek Kumar

अभिषेक कुमार

Correct Answer: Preety Shenoy

प्रीति शिनॉय

Candidate Answer: [NOT ANSWERED]

QID: 48 - Who is the author of the book titled 'Selection Day'?

'सेलेक्शन डे' नामक किताब के लेखक/लेखिका कौन है?

Options:

1) Aravind Adiga

अरविंद अडिगा

2) Anil Menon

अनिल मेनन

3) Krishna Sobti

कृष्णा सोबती

4) Arunava Sinha

अरूणव सिंहा

Correct Answer: Aravind Adiga

अरविंद अडिगा

Candidate Answer: [NOT ANSWERED]

QID: 49 - Which of the following country is not a member of BRICS association?

निम्निलिखित में से कौन सा देश ब्रिक्स समिति का सदस्य नहीं है?

Options:

1) Brazil

ब्राज़ील

2) Russia

रूस 3) Iceland

आइसलैंड

4) China

चीन

Correct Answer: Iceland

आइसलैंड

Candidate Answer: Iceland

आइसलैंड

QID: 50 - With which of its neighbouring country India has Kalapani territorial dispute?

अपने किस पड़ोसी देश के साथ भारत का कालापानी क्षेत्रीय विवाद है?

Options:

1) Nepal

नेपाल

2) Bangladesh

बांग्लादेश 3) Pakistan

पाकिस्तान

4) Sri Lanka श्रीलंका

Correct Answer: Nepal

Candidate Answer: [NOT ANSWERED]

QID: 51 -





3√5

2)

4√6

3)

%12

4)

12/276

Correct Answer:

3/5

Candidate Answer:

3√5

QID: 52 - A piece of work was finished by A, B and C together. A and B together finished 60% of the work and B and C together finished 70% of the work. Who among the three is most efficient?

किसी कार्य को A, B तथा C मिलकर पूरा करते हैं। A तथा B मिलकर कार्य का 60% हिस्सा पूरा करते हैं और B तथा C मिलकर कार्य का 70% हिस्सा पूरा करते हैं। तीनों में से सबसे अधिक कार्यकुशल कौन है?

Options:

1) A

2) B

3) C

4) A or B A या B

Correct Answer: C

Candidate Answer: [NOT ANSWERED]

QID: 53 - Three solid spheres of radius 3 cm, 4 cm and 5 cm are melted and recasted into a solid sphere. What will be the percentage decrease in the surface area?

3 से.मी, 4 से.मी. तथा 5 से.मी. के तीन गोलों को पिघलाकर एक ठोस गोले का आकार दिया जाता है। पृष्ठीय क्षेत्रफल में कितने प्रतिशत की गिरावट होगी?

Options:

1) 12

2) 14

3) 16

4) 28

Correct Answer: 28

Candidate Answer: [NOT ANSWERED]

QID: 54 - The marked price of a sofa set is Rs 4800 which is sold at Rs 3672 at two successive discounts. If the first discount is 10%, then what will be the second discount (in %)?

एक सोफा सेट जिसका अंकित मृत्य 4800 रु है, उसे दो क्रमिक छट पर 3672 रु. में बेचा जाता है। यदि पहली छट 10% है, तो दूसरी छट (% में) क्या है?

Options:

1) 13

2) 14

3) 15 **4**) 17

Correct Answer: 15

Candidate Answer: [NOT ANSWERED]

QID:55 - A, B and C invested amounts in the ratio 3:4:5 respectively. If the schemes offered compound interest at the rate of 20% per annum, 15% per annum and 10% per annum respectively, then what will be the ratio of their amounts after 1 year?

A, B तथा C क्रमशः 3 : 4 : 5 के अनुपात में राशि को निवेश करते हैं। यदि योजनाओं में क्रमशः 20% वार्षिक, 15% वार्षिक तथा 10% वार्षिक की दर से चक्रवृद्धि ब्याज दिया जाता है, तो एक वर्ष पश्चात उनकी राशियों का अनुपात क्या होगा?

Options:

1) 3:15:25

2) 6 : 6 : 5

3) 36 : 46 : 55

4) 12:23:11

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Correct Answer: 36: 46: 55

Candidate Answer: [NOT ANSWERED]

QID: **56** - The average age of 120 members of a society is 60.7 years. By addition of 30 new members, the average age becomes 56.3 years. What is the average age (in years) of newly joined members?

एक समुदाय के 120 सदस्यों की औसत आयु 60.7 वर्ष है। 30 नए सदस्यों के आने से औसत आयु 56.3 वर्ष हो जाती है। नए शामिल हए सदस्यों की औसत आयु (वर्षों में) कितनी है?

Options:

1) 36.5

2) 37.2

3) 38.3

4) 38.7

Correct Answer: 38.7 Candidate Answer: 38.7

QID: 57 - By selling 175 pineapples, the gain is equal to the selling price of 50 pineapples. What is the gain percentage?

175 अनानास बेचने पर, 50 अनानास के विक्रय मूल्य के बराबर का फायदा होता है। लाभ का प्रतिशत कितना है?

Options:

1) 28

2) 30

3) 32

4) 40

Correct Answer: 40 Candidate Answer: 40

QID: 58 - If A has got 20% more marks than B, then by what percent marks of B are less than the marks of A?

यदि A, B से 20% अधिक अंक प्राप्त करता है, तो B के अंक A के अंकों से कितने प्रतिशत कम हैं?

Options:

1) 16.66

2) 20

3) 33.33

4) 14.28

Correct Answer: 16.66 Candidate Answer: 16.66

QID: **59** - A train leaves Delhi at 10 a.m. and reaches Jaipur at 4 p.m. on same day. Another train leaves Jaipur at 12 p.m. and reaches Delhi at 5 p.m. on same day. What is the time of day (approximately) when the two trains will meet?

एक रेलगाड़ी दिल्ली से 10 पूर्वाह्न (ए. एम.) पर चलती है तथा उसी दिन 4 अपराह्न (पी. एम.) पर जयपुर पहुँचती है। दूसरी रेलगाड़ी जयपुर से 12 अपराह्न (पी. एम.) पर चलती है तथा उसी दिन 5 अपराह्न (पी. एम.) पर दिल्ली पहुँचती है। दिन में किस समय (अनुमानित) पर दोनों रेलगाड़ियाँ मिलती हैं?

Options:

1) 1:42 p.m.

1:42 अपराह्न (पी. एम.)

2) 1:27 p.m.

1:27 अपराह्न (पी. एम.)

3) 2:04 p.m.

2:04 अपराह्न (पी. एम.)

4) 1:49 p.m.

1:49 अपराह्न (पी. एम.)

Correct Answer: 1:49 p.m.

1:49 अपराह्न (पी. एम.)

Candidate Answer: [NOT ANSWERED]

QID: **60** - The difference between the compound interest compounding half yearly for 1 year and the simple interest for 1 year on a certain sum of money lent out at 8% per annum is Rs 64. What is the sum (in Rs)?

1 वर्ष के चक्रवृद्धि ब्याज तथा 1 वर्ष के साधारण ब्याज में किसी निश्चित राशि को उधार देने पर 8% की वार्षिक दर पर अर्धवार्षिक संयोजन से 64 रु का अंतर आता है। धनराशि (रु में) क्या है?

Options:

1) 40000

2) 42000

3) 44000

4) 44800

Correct Answer: 40000 Candidate Answer: 40000





QID: **61** - If (x-2) and (x+3) are the factors of the equation $x^2 + k_1x + k_2 = 0$, then what are the values of k_1 and k_2 ?

यदि समीकरण $x^2 + k_1x + k_2 = 0$ के गुणनखण्ड (x - 2) तथा (x + 3) हैं, तो k_1 तथा k_2 का मान क्या है?

Options:

- **1**) $k_1 = 6$, $k_2 = -1$
- **2**) $k_1 = 1$, $k_2 = -6$
- **3**) $k_1 = 1$, $k_2 = 6$
- **4**) $k_1 = -6$, $k_2 = 1$

Correct Answer: $k_1 = 1$, $k_2 = -6$

Candidate Answer: [NOT ANSWERED]

QID: **62** - If (x - y) = 7, then what is the value of $(x - 15)^3 - (y - 8)^3$?

यदि (x - y) = 7 हो, तो $(x - 15)^3 - (y - 8)^3$ का मान क्या है?

Options:

- **1**) 0
- **2**) 343
- **3**) 392
- 4) 2863

Correct Answer: 0

Candidate Answer: [NOT ANSWERED]

QID: **63** - If $x - y - \sqrt{18} = -1$ and $x + y - 3\sqrt{2} = 1$, then what is the value of $12xy(x^2 - y^2)$?

यदि $x - y - \sqrt{18} = -1$ तथा $x + y - 3\sqrt{2} = 1$ हो, तो $12xy(x^2 - y^2)$ का मान क्या है?

Options:

- **1**) 0
- **2**) 1
- **3**) 512√2
- **4**) 612√2

Correct Answer: 612√2

Candidate Answer: [NOT ANSWERED]

QID: **64** - If $p/q = r/s = t/u = \sqrt{5}$, then what is the value of $[(3p^2 + 4r^2 + 5t^2)/(3q^2 + 4s^2 + 5u^2)]$?

यदि p/q = r/s = t/u = $\sqrt{5}$ हो, तो [(3p² + 4r² + 5t²)/(3q² + 4s² + 5u²)] का मान क्या है?

Options:

- **1**) 1/5
- **2**) 5
- **3**) 25
- 4) 60

Correct Answer: 5

Candidate Answer: [NOT ANSWERED]

QID: **65** - In triangle ABC, a line is drawn from the vertex A to a point D on BC. If BC = 9 cm and DC = 3 cm, then what is the ratio of the areas of triangle ABD and triangle ADC respectively?

त्रिभुज ABC में, शीर्ष A से BC पर बने एक बिंदु D तक रेखा खींची गई है। यदि BC = 9 से.मी. तथा DC = 3 से.मी. हैं, तो क्रमशः त्रिभुज ABD तथा त्रिभुज ADC के क्षेत्रफल का अनुपात क्या होगा?

Options:

- **1**) 1 : 1
- **2**) 2 : 1 **3**) 3 : 1
- **4**) 4 : 1

Correct Answer: 2:1

Candidate Answer: [NOT ANSWERED]

QID: 66 - PQR is a right angled triangle in which $\angle R = 90^{\circ}$. If RS \perp PQ, PR = 3 cm and RQ = 4 cm, then what is the value of RS (in cm)?

PQR एक समकोण त्रिभुज है, जिसमें ∠R = 90° है। यदि RS ⊥ PQ, PR = 3 से.मी. तथा RQ = 4 से.मी. है, तो RS का मान (से.मी. में) क्या है?

Options:

- **1**) 12/5
- **2**) 36/5
- **3**) 5
- **4**) 2.5

Correct Answer: 12/5 **Candidate Answer:** 2.5





QID: **67** - In triangle PQR, A is the point of intersection of all the altitudes and B is the point of intersection of all the angle bisectors of the triangle. If \angle PBR = 105°, then what is the value of \angle PAR (in degrees)?

त्रिभुज PQR में, सभी शीर्षलंब बिंदु A पर परिछेदन करते हैं तथा सभी कोण द्विभाजक बिंदु B पर परिछेदन करते हैं। यदि ∠PBR = 105° है, तो ∠PAR का मान (डिग्री में) क्या है?

Options:

- **1**) 60
- **2**) 100
- **3**) 105
- **4**) 115

Correct Answer: 60

Candidate Answer: [NOT ANSWERED]

QID: 68 - If there are four lines in a plane, then what cannot be the number of points of intersection of these lines?

यदि एक समधरातल (प्लेन) में चार रेखाएँ है, तो इन रेखाओं के प्रतिच्छेदक बिंदुओं की संख्या क्या नहीं हो सकती?

Options:

- **1**) 0
- **2**) 5
- **3**) 4
- **4**) 7

Correct Answer: 7

Candidate Answer: [NOT ANSWERED]

QID: 69 - What is the simplified value of cosec 2A + cot 2A?

cosec 2A + cot 2A का सरलीकृत मान क्या है?

Options:

- 1) sec A
- 2) sec (A/2)
- **3**) cot A
- **4**) cot² A

Correct Answer: cot A

Candidate Answer: [NOT ANSWERED]

QID: **70** - If $A = 30^{\circ}$, $B = 60^{\circ}$ and $C = 135^{\circ}$, then what is the value of $\sin^3 A + \cos^3 B + \tan^3 C - 3\sin A \cos B \tan C$?

यदि A = 30°, B = 60° तथा C = 135° है, तो sin³A + cos³B + tan³C – 3sin A cos B tan C का मान क्या होगा?

Options:

- **1**) 0
- **2**) 1
- **3**) 8
- **4**) 9

Correct Answer: 0

Candidate Answer: [NOT ANSWERED]

QID: **71** - What is the least value of $\tan^2 \theta + \cot^2 \theta + \sin^2 \theta + \cos^2 \theta + \sec^2 \theta + \csc^2 \theta$?

 $\tan^2 \theta + \cot^2 \theta + \sin^2 \theta + \cos^2 \theta + \sec^2 \theta + \csc^2 \theta$ का न्यूनतम मान क्या है?

Options:

- **1**) 1
- **2**) 3
- **3**) 5 **4**) 7

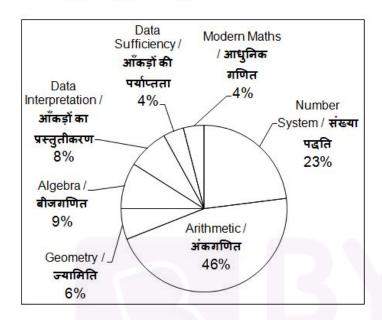
Correct Answer: 7

Candidate Answer: [NOT ANSWERED]





तीचे दिए गए वृत्त चित्र में श्री राघव द्वारा किसी संस्थात में विभिन्त विषयों को पढ़ाने के घंटों की संख्याओं के वर्गीकरण को दर्शाया गया है।



If Mr. Raghav taught a total of 500 hours, then what is the difference in number of hours of teaching algebra and modern Maths?

यदि श्री राघव कुल 500 घंटे पढ़ाते हैं, तो बीजगणित तथा आधुनिक गणित पढ़ाने के घंटों में क्या अंतर है?

Options:

1) 15

2) 20

3) 25

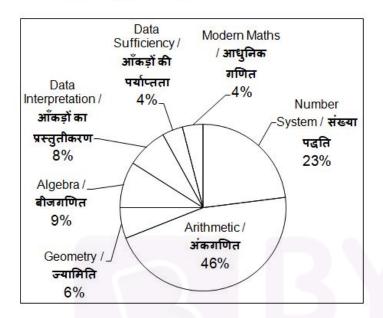
4) 40

Correct Answer: 25 Candidate Answer: 25





तीचे दिए गए वृत्त चित्र में श्री राघव द्वारा किसी संस्थात में विभिन्त विषयों को पढ़ाने के घंटों की संख्याओं के वर्गीकरण को दर्शाया गया है।



Mr. Raghav taught Geometry for 36 hours. If the time taken in teaching Ratio consitutes one-fourth of the time for Arithmetic, then for how much time (in hours) did he taught the topic of Ratio?

श्री राघव ज्यामिति को 36 घंटें पढ़ाते हैं। यदि अनुपात पढ़ाने में लगने वा<mark>ले घंटे, अंकगणित</mark> में लग<mark>ने वाले घंटों का एक चौथाई</mark> भाग है, तो अनुपात का विषय पढ़ाने के <mark>लिए वह</mark> कितना समय (घंटों में) लगाते हैं?

Options:

1) 46

2) 51.75

3) 69

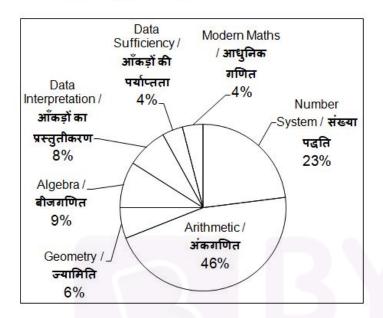
4) 103.5

Correct Answer: 69 **Candidate Answer:** 69





तीचे दिए गए वृत्त चित्र में श्री राघव द्वारा किसी संस्थात में विभिन्त विषयों को पढ़ाने के घंटों की संख्याओं के वर्गीकरण को दर्शाया गया है।



If Data Interpretation and Modern Maths were taught for a combined time of 96 hours, then for how much time (in hours) were Number system and Geometry taught?

यदि आँकड़ों का प्रस्तुतीकरण तथा आधुनिक गणित संयुक्त रूप से 96 <mark>घंटे के लिए पढ़ाए गए, तो संख्या</mark> पद्ध<mark>ति तथा ज्यामिति को कितने समय (घंटों में) तक पढ़ाया गया? **Options:**</mark>

- **1**) 136
- **2**) 184
- **3**) 216
- **4**) 232

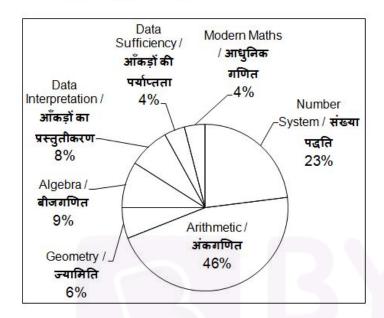
Correct Answer: 232

Candidate Answer: [NOT ANSWERED]





तीचे दिए गए वृत्त चित्र में श्री राघव द्वारा किसी संस्थात में विभिन्त विषयों को पढ़ाने के घंटों की संख्याओं के वर्गीकरण को दर्शाया गया है।



A new topic named Problem Solving was also introduced and it was decided that 10% time of all topics except Arithmetic will be devoted to it. What will be the central angle (in degrees) made by Problem Solving in the new pie chart?

समस्या समाधान नामक एक नया विषय शामिल किया गया है तथा तय <mark>हुआ कि</mark> अं<mark>कगणित</mark> के अ<mark>लावा स</mark>भी विषयों का 10% समय इस विषय को दिया जायेगा। नए वृत्त चित्र में समस्या समाधान द्वारा बनाया गया मध्य कोण (डिग्री में) क्या होगा?

Options:

- **1**) 17.28
- **2**) 18
- **3**) 19.44

4) 36

Correct Answer: 19.44

Candidate Answer: [NOT ANSWERED]

QID: **76** - In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No error'.

If you had (1)/ told me earlier (2)/ I will help you. (3)/ No Error (4) $\,$

Options:

- **1**) 1
- **2**) 2
- **3**) 3
- **4**) 4

Correct Answer: 3

Candidate Answer: 3

QID: 77 - In the following question, some part of the sentence may have errors. Find out which part of the sentence has an error and select the appropriate option. If a sentence is free from error, select 'No error'.

Her mother is (1)/ angry and (2)/ indifferent to me. (3)/ No Error (4)



Candidate Answer: [NOT ANSWERED]

QID: 82 - In the following question, out of the four alternatives, select the word opposite in meaning to the word given.

Meretricious

Options:

- 1) Brazen
- 2) Natural
- 3) Exemplary
- 4) Gaudy

Correct Answer: Natural

Candidate Answer: [NOT ANSWERED]

QID: 83 - In the following question, out of the four alternatives, select the word opposite in meaning to the word given.

Nebulous



Options:

1) Definite

2) Inchoate 3) Dismal

4) Sullen

Correct Answer: Definite

Candidate Answer: [NOT ANSWERED]

QID: 84 - In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/Phrase.

Spick and Span

Options:

1) High and low

- 2) Dark and light
- 3) Neat and clean
- 4) Happy and sad

Correct Answer: Neat and clean Candidate Answer: Neat and clean

QID: 85 - In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/Phrase.

To draw the longbow

Options:

- 1) To nullify
- 2) To exaggerate
- 3) To underrate
- 4) To demarcate

Correct Answer: To exaggerate

Candidate Answer: [NOT ANSWERED]

QID: 86 - Improve the bracketed part of the sentence.

By rescuing the child from fire, the local resident (added another feather to his cap.)

Options:

- 1) made a significant achievement
- 2) was gifted with precious thing
- 3) was crowned and rewarded
- 4) No improvement

Correct Answer: made a significant achievement Candidate Answer: made a significant achievement

QID: 87 - Improve the bracketed part of the sentence.

The government plans to (take up) the construction project soon.

Options:

- 1) Take on
- 2) Take off
- 3) Take in
- 4) No improvement

Correct Answer: No improvement Candidate Answer: No improvement

QID: 88 - In the following question, out of the four alternatives, select the alternative which is the best substitute of the phrase.

A man devoid of kind feeling and sympathy.

Options:

- 1) Callous
- 2) Credulous
- 3) Gullible
- 4) Bohemian

Correct Answer: Callous Candidate Answer: Callous

QID: 89 - In the following question, out of the four alternatives, select the alternative which is the best substitute of the phrase.

One who eats two much

Options:

- 1) Impostor
- 2) Glutton
- 3) Hypochondriac
- 4) Intestate

Correct Answer: Glutton





QID: 90 - In the following question, four words are given out of which one word is incorrectly spelt. Find the incorrectly spelt word.

Options:

1) Forfeit

2) Gorilla

3) Blissfull

4) Corrupt

Correct Answer: Blissfull
Candidate Answer: Blissfull

QID: 91 - In the following question, four words are given out of which one word is incorrectly spelt. Find the incorrectly spelt word.

Options:

- 1) Afforestation
- 2) Translusent
- **3**) Foreigner
- 4) Achievement

Correct Answer: Translusent
Candidate Answer: Translusent

QID: **92** - The question below consists of a set of labelled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.

- P- The aim must be to ensure that our country does not experience either paucity or a-surfeit of trained manpower in any specific segment of our economy.
- **Q** When we set about the task of higher education, we should be absolutely clear in our perception of the goals of education in the specific context of our nation's development.
- **R** No doubt, one of the important aims of education would be to create the required range and nature of trained manpower assessed to be needed by different sectors of national growth.
- **S** The entire educational apparatus must be geared progressively to fulfill the requirements of different phases of our growth in every sector primary, secondary and tertiary.

Options:

- 1) SQPR
- 2) QRSP
- 3) SRQP
- 4) PSQR

Correct Answer: QRSP

Candidate Answer: [NOT ANSWERED]

- QID: 93 The question below consists of a set of labelled sentences. Out of the four options given, select the most logical order of the sentences to form a coherent paragraph.
- P- Bureaucratic cultures can smother those who want to respond to shifting conditions.
- Q- Arrogant managers can overevaluate their current performance and competitive position listen poorly and learn slowly.
- R- And the lack of leadership leaves no force inside these organizations to break out of the morass.
- S- Inwardly focused employees can have difficulty seeing the very forces that present threats and opportunities.

Options:

- 1) PRQS
- **2**) SPQR
- 3) RQPS
- 4) QSPR

Correct Answer: OSPR

Candidate Answer: [NOT ANSWERED]

QID: 94 - In the following question, a sentence has been given in Active/Passive voice. Out of four alternatives suggested, select the one which best expresses the same sentence in Passive/Active voice.

She teaches us English.

Options:

- 1) English is being taught to us by her.
- 2) We are taught English by her.
- 3) English have been taught to us by her.
- 4) We had been taught English by her.

Correct Answer: We are taught English by her. **Candidate Answer:** We are taught English by her.

QID: 95 - In the following question, a sentence has been given in Direct/Indirect speech. Out of the four alternatives suggested, select the one which best expresses the same sentence in Indirect/Direct speech.

Nisha said to Swati, " Will you help me in my project just now?"



Options:

1) Nisha told Swati whether she will help her in her project just now.

- 2) Nisha asked Swati if she would help her in her project just then.
- 3) Nisha questioned to Swati that will you help me in my project just now.
- 4) Nisha asked to Swati that will she help her in her work just now.

Correct Answer: Nisha asked Swati if she would help her in her project just then. **Candidate Answer:** Nisha asked Swati if she would help her in her project just then.

QID: 96 - In the following passage some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives. ___ good of the greatest ___ $_$ dignity of the individual. It should also aim at the $__$ __. The opposition party should _ Democracy should policies and decisions of the government in power. The government should cater to the _____ needs of the people to make its position solid. Democracy should _____ dignity of the individual. Options: 1) built 2) ensure 3) keep 4) support Correct Answer: ensure Candidate Answer: ensure QID: 97 - In the following passage some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives. dignity of the individual. It should also aim at the _ good of the greatest Democracy should _. The opposition party should _ the wrong plans, policies and decisions of the government in power. The government should cater to the ___ ___ needs of the people to make its position solid. It should also aim at the _____ Options: 1) greatest 2) smallest 3) largest 4) heaviest Correct Answer: greatest Candidate Answer: greatest QID: 98 - In the following passage some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives. dignity of the individual. It should also aim at the __ good of the greatest _ __. The opposition party should _ policies and decisions of the government in power. The government should cater to the _____ needs of the people to make its position solid. of the greatest . The opposition party Options: 1) people 2) digit 3) number 4) individual Correct Answer: number Candidate Answer: number QID: 99 - In the following passage some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives. dignity of the individual. It should also aim at the good of the greatest . The opposition party should the wrong plans. __ needs of the people to make its position solid. policies and decisions of the government in power. The government should cater to the ___ the wrong plans, policies and decisions of the government in power. should Options: 1) rely on 2) against 3) support oppose Correct Answer: oppose Candidate Answer: oppose

Staff Selection Commision





QID: 100 - In the following passage some of the words have been left out. Read the passage carefully and select the correct answer for the given blank out of the four alternatives.

Democracy should _____ dignity of the individual. It should also aim at the _____ good of the greatest _____. The opposition party should _____ the wrong plans, policies and decisions of the government in power. The government should cater to the _____ needs of the people to make its position solid.

The government should cater to the $___$ needs of the people to make its position solid.

Options:

- 1) genuine
- 2) mere
- 3) emotional
- 4) luxurious

Correct Answer: genuine **Candidate Answer:** genuine





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