

REGISTRATION NUMBER: EXAM DATE: 9-August-2017 EXAM NAME: SSC Examination **SSC CGL 2017 (T-1) - 9 Aug - 1st Shift** 

EXAM START TIME : 10:00:00 EXAM

TOTAL NO OF QUESTIONS : 100

DURATION : 01:00 Hrs

TOTAL MARKS : 200

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

31 ,

Kilometre: Tonne:?

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

किलोमीटर: मीटर:: टन:?

Options: 1) Litre

न) <u>न</u>ाः लीटर

शाटर 2) Kilogram

. किलोग्राम

3) Hours ਬਂਟੇਂ

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

 $\ensuremath{\mathsf{QID}}$  : 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: 5666

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 च्निए।

Options: 1) Chennai चेन्नई 2) Daman दमन 3) Raipur रायपुर 4) Shimla
Correct Answer: Daman दमन
Candidate Answer: Daman दमन
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.
Candidate Answer: W  QID: 6 - In the following question, select the odd number from the given alternatives.  िमम्निलिखित 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: 313
QID: 7 - Arrange the given words in the sequence in which they occur in the dictionary.
<ol> <li>Ball</li> <li>Balanced</li> <li>Balls</li> <li>Balance</li> <li>Balancing</li> </ol>
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

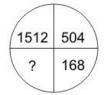
QID: 8 - A series is given with one term missing. Select the correct alternative from the given ones that will complete the series. AG, LR, WC, HN, ? एक अनुक्रम दिया गया है, जिसमें से एक पद ल्प्त है। दिए गए विकल्पों में से वह सही विकल्प च्निए, जो अनुक्रम को पूरा करे। AG, LR, WC, HN, ? Options: 1) QY 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 ल्प्त अंक ज्ञात कीजिए। 13, 16, 11, 18, 9, 20, ? Options: 1)3 2)5 3)6 4)7 Correct Answer: 7 Candidate Answer: 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, प<mark>ुनीत से किस</mark> प्रकार संबंधित है? Options: 1) Daughter पुत्री 2) Grand Daughter 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 20<sup>th</sup> 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: 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 च्निए 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? Options: 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) x,  $\div$  and = x, ÷ तथा =  $2) \div$ , x and = ÷, x तथा = 3)  $x_1 + and =$ x, + तथा = 4) +, - and =+, – ਰथा = Correct Answer:  $\div$ , 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 चूनिए।



Options:

1) 53

2)56

3) 59

4)66

Correct Answer: 56

Candidate Answer: [ NOT ANSWERED ]

QID: 17 -

How many triangles are there in the given figure?

## नीचे दी गई आकृति में कितने त्रिभुज हैं?



Options:

1) 14

2) 15

3) 17

4) 18

Correct Answer: 17 Candidate Answer: 14

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.

केवल निष्कर्ष (I) सही है।

2) Only conclusion (II) follows.

केवल निष्कर्ष (II) सही 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। QID:19 -Options: 1)1 2)2 3)4 4)5 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 च्निए 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: 2) 3) 4) Correct Answer: Candidate Answer:

QID: 22 -

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

दी गई उत्तर आकृतियों में से उस उत्तर आकृति को चुनिए जिस में प्रश्न आकृति निहित है।



Options:

1)

2)

3)





Correct Answer: Candidate Answer:



QID: 23 -

A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?

नीचे के प्रश्न आकृतियों में दिखाए अनुसार कागज को मोड़कर छेदने तथा खोलने के बाद वह किस उत्तर आकृति जैसा दिखाई देगा?







Options:

1)

2)

3)



Correct Answer:



Candidate Answer:

QID: 24 -

Options: 1)



3)

4)

Correct Answer:



Candidate Answer:

QID: 25 -

Options:

1) 00, 13, 57, 76

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

 $\ensuremath{\mathsf{QID}}$  : 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?

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 दवारा 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: It is a negotiable instrument.

यह एक परक्राम्य लिखत है।

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 म्ख्य न्यायाधीश

Candidate Answer: Chief Justice of India

भारत के मुख्य न्यायाधीश

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

निम्नलिखित में से किसने सम्प्रभ्ता के अद्वैत सिद्धांत दिए थे?

Options:

1) Austin

ऑस्टिन

2) Darwin

=) = द डॉर्विन

3) Aristotle

अरस्तु

4) Marx

मार्क्स

Correct Answer: Austin

ऑस्टिन

Candidate Answer: Marx

मार्क्स

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: II, IV, I, III QID: 31 - In 1917, which movement was launched by Mahatma Gandhi from Champaran? वर्ष 1917 में महातमा गांधी द्वारा चंपारण से कौन सा आंदोलन शुरू किया गया था? Options: 1) Satyagraha सत्याग्रह 2) Non co-operation movement असहयोग आंदोलन 3) Quit India movement भारत छोड़ो आंदोलन 4) Swadeshi Movement स्वदेशी 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 तूफान 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 ਜਾੱਕੇ
ਗਰ 2) Finland फਿਰਲੈਂड
য়েলনার 3) Sweden
स्वीडन
4) Denmark
डेनमार्क Correct Answer: Finland
फिनलैंड
Candidate Answer: Denmark डेनमार्क
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-निलेका
3) small intestine छोटी आंत
4) salivary glands
्रा लार ग्रंथिया
Correct Answer: rumen प्रथम आमाशय
Candidate Answer: small intestine छोटी आंत
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
प्लाजमा 4) Norves
4) Nerves तंत्रिकाए
Correct Answer: Red blood cells लाल रक्त कोशिकाएँ
Candidate Answer: Nerves तंत्रिकाए
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
COLLECT VIDAGE FOR THE COLLECTION
उत्सर्जन Candidate Answer: Transportation

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 ਸ਼ੁतिबिम्ब 2) refraction
अपवर्तन 3) diffraction विवर्तन
4) total internal reflection पुर्ण आंतरिक प्रतिबिम्ब
Correct Answer: diffraction विवर्तन
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
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) तथा (II) दोनों 4) Neither (I) nor (II) ਜ 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 एकत बंध 2) Double bond दोहरा बंध 3) Triple bond तिहरा बंध 4) Hydrogen bond हाइड्रोजन बंध Correct Answer: Hydrogen bond हाइड्रोजन बंध Candidate Answer: Single bond एकत बंध
QID : 41 - In the following reaction, fill in the blank. Acid + Base $\rightarrow$ + Water
निम्नलिखित अभिक्रिया में रिक्त स्थान भरें।
अम्ल + क्षारक → + पानी
Options: 1) Carbon dioxide कार्बन डाइऑक्साइड 2) Metal Oxide मेटल ऑक्साइड 3) Hydrogen Gas हाइड्रोजन गैस 4) Salt
Correct Answer: Salt
नमक
Candidate Answer: Hydrogen Gas हाइड्रोजन गैस
QID: 42 - Bishnoi movement was started against which of the following?
बिशनोई आन्दोलन इनमे से किस के विरूद्ध शुरु किया गया था?
Options: 1) Cutting of Trees पेड़ों की कटाई 2) Inequality of Women स्त्री असमानता 3) Killing of Animals पश हत्या 4) Increasing Pollution प्रदुषण वृध्दि Correct Answer: Cutting of Trees
पेड़ों की कटाई
Candidate Answer: Inequality of Women स्त्री असमानता
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 विद्युत 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: To provide LPG connections

एल.पी.जी. कनेक्शन प्रदान करना

QID: 44 - Who discovered television?

टेलिविजन का आविष्कार किसने किया था?

Options:

1) Michael Faraday

माइकल फेराडे

2) Joseph Henry जोसेफ हेनरी

3) Abbe Caselli

अब्बे कासीली

4) John Baird

जोन बेयर्ड

Correct Answer: John Baird

जोन बेयर्ड

Candidate Answer: Michael Faraday

माइकल फेराडे

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

वॉलीबाल की एक टीम में कितने खिलाड़ी होते हैं?

Options:

1)2

2)4

3)6

4) 5

Correct Answer: 6
Candidate Answer: 6

QID: 46 -

Match the following.

### निम्नलिखित का मिलान कीजिए।

### Temple / मंदिर

- Lingaraja Temple, Orissa लिंगराज मंदिर, उड़ीसा
- 2. Tijara Mandir, Rajasthan तिजारा मंदिर, राजस्थान
- Venketeswara Temple, Tirupati वंकटेश्वर मंदिर, तिरुपति

### Lord / भगवान

- a. Lord Mahavira भगवान महावीर
- b. Lord Vishnu भगवान विष्णू
- c. Lord Shiva भगवान शिव

### 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: 1-b, 2-c, 3-a

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' प्रस्कार दिया गया?

Options: 1) Sunita Rani स्नीता 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 आइसर्लैंड 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 नेपाल Candidate Answer: Pakistan

पाकिस्तान

QID: 51 -Which value among  $\sqrt[3]{5}$ ,  $\sqrt[4]{6}$ ,  $\sqrt[6]{12}$ ,  $\sqrt[12]{276}$  is the largest? <sup>3</sup>√5, √6, √12, <sup>1</sup>√276 में से सबसे बड़ी संख्या कौन सी है? Options: 1) 2) 4/6 3) 4) Correct Answer: Candidate Answer: 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 कार्यक्शल कौन है? Options: 1) A 2) B 3) C 4) A or B A या B Correct Answer: C Candidate Answer: A or B A या B 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 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? 1) 12 2) 14 3) 16 4) 28 Correct Answer: 28 Candidate Answer: 16 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 मुल्य 4800 रु है, उसे दो क्रमिक छुट पर 3672 रु. में बेचा जाता है। यदि पहली छुट 10% है, तो दूसरी छुट (% में) क्या है? Options: 1) 13 2) 14 3) 15 4) 17

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?

Correct Answer: 15 Candidate Answer: 15

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 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: 36.5 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 मुल्य 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: [ NOT ANSWERED ] 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: Candidate Answer: 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 पूर्वाहन (ए. एम.) पर चलती है तथा उसी दिन 4 अपराहन (पी. एम.) पर जयपुर पहुँचती है। दूसरी रेलगाड़ी जयपुर से 12 अपराहन (पी. एम.) पर चलती है तथा उसी दिन 5 अपराहन (पी. एम.) पर दिल्ली पहुँचती है। दिन में किस समय (अन्मानित) पर दोनों रेलगाड़ियाँ मिलती हैं? Options: 1) 1:42 p.m. 1:42 अपराहन (पी. एम.) 2) 1:27 p.m. 1:27 अपराहन (पी. एम.) 3) 2:04 p.m. 2:04 अपराहन (पी. एम.) 4) 1:49 p.m. 1:49 अपराहन (पी. एम.) Correct Answer: 1:49 p.m. 1:49 अपराहन (पी. एम.) Candidate Answer: 1:49 p.m. 1:49 अपराहन (पी. एम.) 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)?

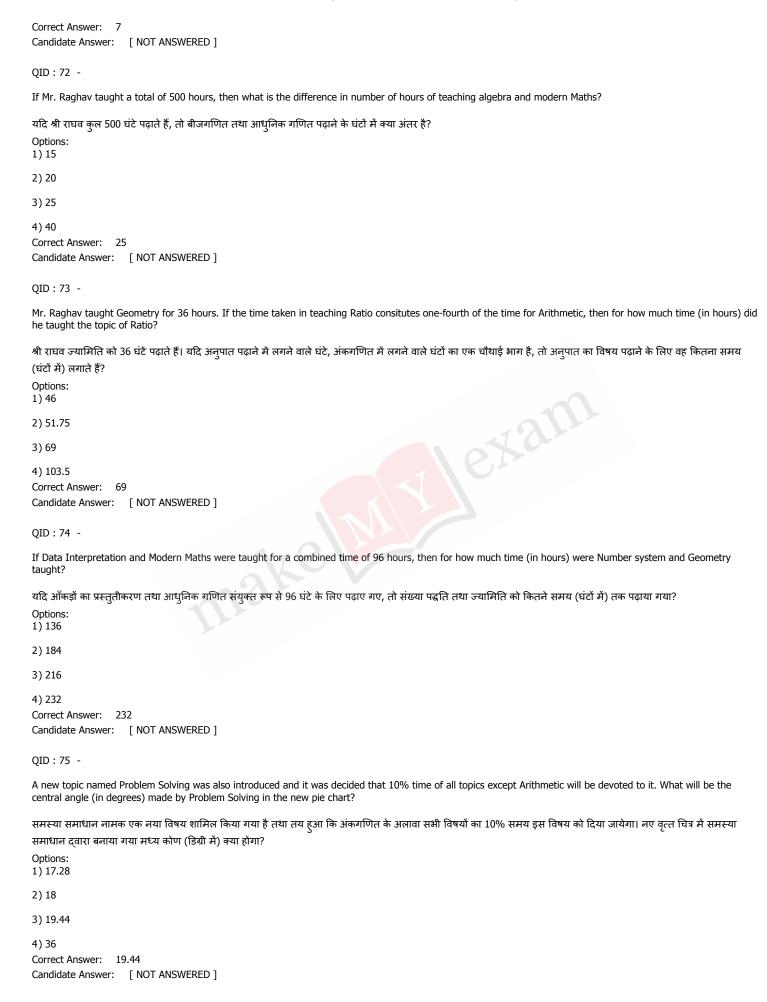
1 वर्ष के चक्रवृद्धि ब्याज तथा 1 वर्ष के साधारण ब्याज में किसी निश्चित राशि को उधार देने पर 8% की वार्षिक दर पर अर्धवार्षिक संयोजन से 64 रु का अंतर आता है। धनराशि (रु में) क्या है?

```
Options:
1) 40000
2) 42000
3) 44000
4) 44800
Correct Answer: 40000
Candidate Answer: [ NOT ANSWERED ]
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: k_1 = -6, k_2 = 1
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: 0
QID: 63 - If x - y - \sqrt{18} = -1 and x + y - 3\sqrt{2} = 1, then what is the value of \frac{12xy(x^2 - y^2)}{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 [(3p^2 + 4r^2 + 5t^2)/(3q^2 + 4s^2 + 5u^2)] 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 बिंदू 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: 3:1
QID: 66 - PQR is a right angled triangle in which ∠R = 90°. If RS ⊥ 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: 12/5
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 ∠PBR =
105°, then what is the value of ∠PAR (in degrees)?
त्रिभुज PQR में, सभी शीर्षलंब बिंदू A पर परिछेदन करते हैं तथा सभी कोण द्विभाजक बिंदू 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:
QID: 68 - If there are four lines in a plane, then what cannot be the number of points of intersection of these lines?
                                                                                                       eXam
यदि एक समधरातल (प्लेन) में चार रेखाएँ है, तो इन रेखाओं के प्रतिच्छेदक बिंद्ओं की संख्या क्या नहीं हो सकती?
Options:
1)0
2)5
3)4
4)7
Correct Answer: 7
Candidate Answer:
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) cot<sup>2</sup> A
Correct Answer: cot A
Candidate Answer: sec A
QID: 70 - If A = 30°, B = 60° and C = 135°, 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^{\circ}, B = 60^{\circ} तथा C = 135^{\circ} है, तो \sin^3 A + \cos^3 B + \tan^3 C - 3\sin A \cos B \tan C का मान क्या होगा?
Options:
1)0
2) 1
3)8
4)9
Correct Answer: 0
Candidate Answer:
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 न्युनतम मान क्या है?
Options:
1)1
2)3
3)5
4)7
```



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)
Options: 1) 1
2) 2 3) 3
4) 4
Correct Answer: 2 Candidate Answer: 2
QID: 78 - In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.
Don't loiter the corridor.
Options: 1) around 2) off 3) of 4) at Correct Answer: around
2) off
3) of 4) at
Correct Answer: around
Candidate Answer: [ NOT ANSWERED ]
QID: 79 - In the following question, the sentence given with blank to be filled in with an appropriate word. Select the correct alternative out of the four and indicate
it by selecting the appropriate option.
I will scold him when
Options:
1) he will come 2) he comes
3) he would come
4) he had come.  Correct Answer: he comes
Correct Answer: he comes  Candidate Answer: he had come.
QID: 80 - In the following question, out of the four alternatives, select the word similar in meaning to the word given.
Mellifluous
Options: 1) Shiver
2) Frank
3) Immoral 4) Dulcet
Correct Answer: Dulcet
Candidate Answer: [ NOT ANSWERED ]
QID: 81 - In the following question, out of the four alternatives, select the word similar in meaning to the word given.
Dodge
Options: 1) Soften
2) Order
3) Avoid
A) Charatin
4) Chaotic Correct Answer: Avoid

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: Happy and sad

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: To underrate

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: Take on

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.

www.makemyexam.in - Powered by IBT		
Options: 1) Callous 2) Credulous 3) Gullible 4) Bohemian Correct Answer: Callous Candidate Answer: Gullible		
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		
Candidate 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: Gorilla		
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		
Condidate Anguary 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		

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

Correct Answer: QRSP

coherent paragraph.

Correct Answer: QSPR

Options: 1) PRQS 2) SPQR 3) RQPS 4) QSPR

Candidate Answer: [ NOT ANSWERED ]

Candidate Answer: [ NOT ANSWERED ]

 $\mbox{\sc P-}$  Bureaucratic cultures can smother those who want to respond to shifting conditions.

R- And the lack of leadership leaves no force inside these organizations to break out of the morass.

Q- Arrogant managers can overevaluate their current performance and competitive position listen poorly and learn slowly.

S- Inwardly focused employees can have difficulty seeing the very forces that present threats and opportunities.

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:
<ol> <li>Nisha told Swati whether she will help her in her project just now.</li> <li>Nisha asked Swati if she would help her in her project just then.</li> <li>Nisha questioned to Swati that will you help me in my project just now.</li> </ol>
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.
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.
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.
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.
It should also aim at the good
Options:
1) greatest
2) smallest
3) largest 4) heaviest
Correct Answer: greatest
Candidate Answer: [ NOT ANSWERED ]
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.
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.
of the greatest The opposition party
Options:
1) people
2) digit
3) number 4) individual
Correct Answer: number
Candidate Answer: people

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.
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.
should the wrong plans, policies and decisions of the government in power.  Options:  1) rely on 2) against 3) support 4) oppose
Correct Answer: oppose
Candidate Answer: oppose
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: emotional