



Staff Selection Commission
(Government Of India)

REGISTRATION NUMBER : (Join Youtube)EXAM

DATE : 13-January-2017

EXAM NAME : SSC Examination 2016

TOTAL MARKS : 200

CANDIDATE NAME : (Join Youtube)

EXAM START TIME : 10:00:00

EXAM DURATION : 01:40 Hrs

TOTAL NO OF QUESTIONS : 100

QID : 601 - Select the related word/letters/number from the given alternatives.

Sound : Medium :: Light : ?

दिए गए विकल्पों में से संबंधित शब्द/अक्षर/संख्या को चुनिए।

आवाज : माध्यम :: प्रकाश : ?

Options:

- 1) Air
हवा
- 2) Vacuum
निर्वात
- 3) Water
पानी
- 4) Glass
कांच

Correct Answer: Vacuum

निर्वात

Candidate Answer: [NOT ANSWERED]

QID : 602 - Select the related word/letters/number from the given alternatives.

TR : VX :: MK : ?

दिए गए विकल्पों में से संबंधित शब्द/अक्षर/संख्या को चुनिए।

TR : VX :: MK : ?

Options:

- 1) QP
- 2) QR
- 3) OQ
- 4) OP

Correct Answer: OQ

Candidate Answer: OQ

QID : 603 - Select the related word/letters/number from the given alternatives.

ZY : CD :: SR : ?

दिए गए विकल्पों में से संबंधित शब्द/अक्षर/संख्या को चुनिए।

ZY : CD :: SR : ?

Options:

- 1) RS
- 2) JK
- 3) JP
- 4) PQ

Correct Answer: JK

Candidate Answer: JK

QID : 604 - Select the related word/letters/number from the given alternatives.

8 : 27 :: 64 : ?

दिए गए विकल्पों में से संबंधित शब्द/अक्षर/संख्या को चुनिए।

8 : 27 :: 64 : ?

Options:

1) 75

2) 65

3) 100

4) 125

Correct Answer: 125

Candidate Answer: 125

QID : 605 - Select the odd word/letters/number/number pair from the given alternatives.

दिए गए विकल्पों में से विषम शब्द/अक्षर/संख्या/संख्या युग्म को चुनिए।

Options:

1) Perpendicular

लम्ब

2) Base

आधार

3) Hypotenuse

कर्ण

4) Radius

त्रिज्या

Correct Answer: Radius

त्रिज्या

Candidate Answer: Radius

त्रिज्या

QID : 606 - Select the odd word/letters/number/number pair from the given alternatives.

दिए गए विकल्पों में से विषम शब्द/अक्षर/संख्या/संख्या युग्म को चुनिए।

Options:

1) FJ

2) KO

3) RV

4) WZ

Correct Answer: WZ

Candidate Answer: WZ

QID : 607 - Select the odd word/letters/number/number pair from the given alternatives.

दिए गए विकल्पों में से विषम शब्द/अक्षर/संख्या/संख्या युग्म को चुनिए।

Options:

1) 325

2) 437

3) 246

4) 564

Correct Answer: 564

Candidate Answer: 564

QID : 608 - Select the odd word/letters/number/number pair from the given alternatives.

दिए गए विकल्पों में से विषम शब्द/अक्षर/संख्या/संख्या युग्म को चुनिए।

Options:

1) 192

2) 240

3) 141

4) 173

Correct Answer: 173

Candidate Answer: 173

QID : 609 - A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

Bit, Byte, Kilobyte, Megabyte, ?

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।

बिट, बाइट, किलोबाइट, मेगाबाइट, ?

Options:

- 1) Binary
बाइनरि
- 2) Gigabyte
गीगाबाइट
- 3) Terabyte
टेराबाइट
- 4) Nanobyte
नैनोबाइट

Correct Answer: Gigabyte
गीगाबाइट

Candidate Answer: Gigabyte
गीगाबाइट

QID : 610 - A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

BD, EG, HJ, ?

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।

BD, EG, HJ, ?

Options:

- 1) LN
- 2) LM
- 3) KM
- 4) KN

Correct Answer: KM

Candidate Answer: KM

QID : 611 - A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

WD, SH, OL, ?

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।

WD, SH, OL, ?

Options:

- 1) JQ
- 2) KP
- 3) PK
- 4) LM

Correct Answer: KP

Candidate Answer: PK

QID : 612 - A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

18, 25, 34, 45, ?

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।

18, 25, 34, 45, ?

Options:

- 1) 60
- 2) 58
- 3) 59
- 4) 65

Correct Answer: 58

Candidate Answer: 58

QID : 613 - A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

7, 49, 343, ?

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।

7, 49, 343, ?

Options:

- 1) 3087
- 2) 1029
- 3) 2401
- 4) 1091

Correct Answer: 2401

Candidate Answer: 2401

QID : 614 - The sum of ages of Ram and his son is 48. If his uncle's age is also included the average becomes 40. What is the age of Ram's uncle?

राम और उसके बेटे की आयु का योग 48 है। यदि इसमें उसके चाचा की उम्र जोड़ी जाती है, तो यह औसत 40 हो जाता है। राम के चाचा की उम्र क्या है?

Options:

- 1) 48
- 2) 50
- 3) 72
- 4) 34

Correct Answer: 72

Candidate Answer: 72

QID : 615 - Arrange the given words in the sequence in which they occur in the dictionary.

- i. Accuse
- ii. Accord
- iii. Acquisite
- iv. Acquire

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

- i. Accuse
- ii. Accord
- iii. Acquisite
- iv. Acquire

Options:

- 1) ii, i, iv, iii
- 2) i, ii, iv, iii
- 3) ii, i, iii, iv
- 4) iv, i, ii, iii

Correct Answer: ii, i, iv, iii

Candidate Answer: ii, i, iv, iii

QID : 616 - In a certain code language, "STYLE" is written as "ELTYS". How is "FRUIT" written in that code language?

एक विशिष्ट कोड भाषा में "STYLE" को "ELTYS" लिखा जाता है। इस कोड भाषा में "FRUIT" को किस प्रकार लिखा जाएगा?

Options:

- 1) TIUFR
- 2) TIURF
- 3) TIRUF
- 4) GSVJU

Correct Answer: TIRUF

Candidate Answer: TIRUF

QID : 617 - Select the odd word/letters/number/number pair from the given alternatives.

दिए गए विकल्पों में से विषम शब्द/अक्षर/संख्या/संख्या युग्म को चुनिए।

Options:

- 1) 4416
- 2) 8432
- 3) 4520
- 4) 4260

Correct Answer: 4260

Candidate Answer: 4416

QID : 618 - If "S" denotes "multiplied by", "V" denotes "subtracted from", "M" denotes "added to" and "L" denotes "divided by", then

5 V 9 M 63 L 9 S 7 = ?

यदि "S" का अर्थ "गुणा" है, "V" का अर्थ "घटाना" है, "M" का अर्थ "जोड़" है और "L" का अर्थ "भाग" है, तो

5 V 9 M 63 L 9 S 7 = ?

Options:

- 1) 45
- 2) 50
- 3) 40
- 4) 35

Correct Answer: 45

Candidate Answer: 45

QID : 619 - Which set of letters when sequentially placed at the gaps in the given letter series shall complete it?

x_zx_y_z_x_xyy_zzz

अक्षरों का कौन सा समूह खाली स्थानों पर क्रमवार रखने से दी गई अक्षर श्रृंखला को पूरा करेगा?

x_zx_y_z_x_xyy_zzz

Options:

1) zxyxyz

2) yxyzxy

3) xxyyxz

4) yxyxyz

Correct Answer: yxyzxy

Candidate Answer: [NOT ANSWERED]

QID : 620 - A boy is traveling towards the west. He turns to the right and then again turns to the left. In which direction is the boy facing now?

एक लड़का पश्चिम दिशा की ओर चलता है। वहाँ से वह दाएं मुड़ जाता है और फिर बाएं मुड़ जाता है। अब वह लड़का किस दिशा की ओर मुँह किए हुए है?

Options:

1) South

दक्षिण

2) North

उत्तर

3) East

पूर्व

4) West

पश्चिम

Correct Answer: West

पश्चिम

Candidate Answer: West

पश्चिम

QID : 621 - A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

Brazil, Russia, ? , China, South Africa

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।

ब्राज़ील, रूस, ? , चीन, दक्षिण अफ्रीका

Options:

1) India

भारत

2) Indonesia

इंडोनेशिया

3) Iran

ईरान

4) Japan

जापान

Correct Answer: India

भारत

Candidate Answer: India

भारत

QID : 622 - Rajesh is the father-in-law of Neha, and Akash is the only son of Rajesh. How is Akash related to Neha?

राजेश, नेहा के ससुर हैं, और आकाश, राजेश का इकलौता बेटा है। आकाश, नेहा से कैसे संबंधित है?

Options:

1) Wife

पत्नी

2) Husband

पति

3) Son

बेटा

4) Father

पिता

Correct Answer: Husband

पति

Candidate Answer: Husband

पति

QID : 623 - The speed of Duranto is more than the speed of Rajdhani. Shatabdi moves faster than Garib Rath but slower than Rajdhani. Which one is the slowest?

दुरन्तो की गति राजधानी की गति से अधिक है। शताब्दी, गरीब रथ से तेज गति से चलती है, किन्तु राजधानी से कम गति से चलती है। कौन सी रेलगाड़ी सबसे कम गति से चलती है?

Options:

- 1) Garib Rath
गरीब रथ
- 2) Shatabdi
शताब्दी
- 3) Rajdhani
राजधानी
- 4) Duranto
दुरन्तो

Correct Answer: Garib Rath

गरीब रथ

Candidate Answer: Garib Rath

गरीब रथ

QID : 624 - Arrange the given words in the sequence in which they occur in the dictionary.

- i. Amateur
- ii. Abominable
- iii. Amalgamable
- iv. Accumulate

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

- i. Amateur
- ii. Abominable
- iii. Amalgamable
- iv. Accumulate

Options:

- 1) ii, i, iv, iii
- 2) iii, iv, ii, i
- 3) ii, iv, i, iii
- 4) ii, iv, iii, i

Correct Answer: ii, iv, iii, i

Candidate Answer: ii, iv, iii, i

QID : 625 - In the following question, two statements are given each followed by two conclusions I and II. You have to consider the statement to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.

Statement:

- (I) Some children are adults.
- (II) Some adults are old.

Conclusion:

- (I) Some children are not old.
- (II) Some adults are not old.

निम्नलिखित प्रश्न में, दो कथन दिए गए हैं जिनके आगे दो निष्कर्ष I और II निकाले गए हैं। आपको मानना है कि कथन सत्य है चाहे वे सामान्यतः ज्ञात तथ्यों से भिन्न प्रतीत होते हों। आपको निर्णय करना है कि दिए गए निष्कर्षों में से कौन सा/कौन से निश्चित रूप से कथनों द्वारा सही निकाला जा सकता है/सकते हैं, यदि कोई हो।

कथन:

- (I) कुछ बच्चे वयस्क हैं।
- (II) कुछ वयस्क बूढ़े हैं।

निष्कर्ष:

- (I) कुछ बच्चे बूढ़े नहीं हैं।
- (II) कुछ वयस्क बूढ़े नहीं हैं।

Options:

- 1) Conclusion I follows
निष्कर्ष I सही है
- 2) Conclusion II follows
निष्कर्ष II सही है
- 3) Neither I nor II follows
न तो I और न ही II सही है
- 4) Both I and II follows
I और II दोनों सही हैं

Correct Answer: Both I and II follows

I और II दोनों सही हैं

Candidate Answer: Both I and II follows

I और II दोनों सही हैं

QID : 626 - Which of the following is an example of Electrically-Erasable Programmable Read-Only Memory?

निम्न में से कौन इलेक्ट्रीकली-इरेजेबल प्रोग्रामेबल रीड ओनली मेमोरी का एक उदाहरण है?

Options:

- 1) Flange
फ्लेंज
- 2) Fury
फ्युरी
- 3) Flash
फ्लैश
- 4) FRAM
एफआरएएम

Correct Answer: Flash

फ्लैश

Candidate Answer: [NOT ANSWERED]

QID : 627 - Who developed the idea of Crop rotation?

फसल चक्रिकरण(रोटेशन) का विचार किसने विकसित किया था?

Options:

- 1) Lily Thomas
लिली थॉमस
- 2) Carrot Cornwick
कैरट कॉर्नविक
- 3) Cabbage Carlson
कैबेज कार्लसन
- 4) Turnip Townsend
टर्निप टाउनसेंड

Correct Answer: Turnip Townsend
टर्निप टाउनसेंड

Candidate Answer: [NOT ANSWERED]

QID : 628 - How many facial bones are there?

हमारे चेहरे में कितनी हड्डियाँ होती हैं?

Options:

- 1) 34
- 2) 24
- 3) 14
- 4) 4

Correct Answer: 14

Candidate Answer: [NOT ANSWERED]

QID : 629 - Halophytes are plants that grow in

हैलोफाइट्स वे पौधे होते हैं, जो _____ में उगते हैं।

Options:

- 1) Fresh Water
ताजा पानी
- 2) Cold Water
ठंडा पानी
- 3) Ponds
तालाब
- 4) Salt Water
खारा पानी

Correct Answer: Salt Water
खारा पानी

Candidate Answer: [NOT ANSWERED]

QID : 630 - Felis Catus is the scientific name of

फेलिस कैटस _____ का वैज्ञानिक नाम है।

Options:

- 1) Cat
बिल्ली
- 2) Dog
कुत्ता
- 3) Mouse
चूहा
- 4) Porcupine
साही

Correct Answer: Cat
बिल्ली

Candidate Answer: [NOT ANSWERED]

QID : 631 - What is used to prevent freezing of fuel in space crafts?

अंतरिक्ष यानों में ईंधन को जमने से बचाने के लिए किसका प्रयोग किया जाता है?

Options:

- 1) Benzene
बेंजीन
- 2) Glycol
ग्लायकॉल
- 3) Acetylene
एसीटिलीन
- 4) Ester
ईस्टर

Correct Answer: Glycol
ग्लायकॉल

Candidate Answer: [NOT ANSWERED]

QID : 632 - _____ is the major component of natural gas.

_____ प्राकृतिक गैस का प्रमुख घटक है।

Options:

- 1) Acetone
एसीटोन
- 2) Methane
मीथेन
- 3) Chlorine
क्लोरीन
- 4) Hexane
हेक्सेन

Correct Answer: Methane
मीथेन

Candidate Answer: Methane
मीथेन

QID : 633 - Victoria Memorial in Kolkata was proposed to be built by

कोलकाता के विक्टोरिया मेमोरियल का _____ द्वारा निर्माण किया जाना प्रस्तावित किया गया था।

Options:

- 1) Lord Canning
लॉर्ड कैनिंग
- 2) George Curzon
जॉर्ज कर्जन
- 3) William Hastings
विलियम हेस्टिंग्स
- 4) Lord William Bentinck
लॉर्ड विलियम बेंटिक

Correct Answer: George Curzon
जॉर्ज कर्जन

Candidate Answer: [NOT ANSWERED]

QID : 634 - Lavani is a folk dance of _____.

लावणी _____ का लोक नृत्य है।

Options:

- 1) Manipur
मणिपुर
- 2) Andhra Pradesh
आंध्रप्रदेश
- 3) Jammu & Kashmir
जम्मू और कश्मीर
- 4) Maharashtra
महाराष्ट्र

Correct Answer: Maharashtra
महाराष्ट्र

Candidate Answer: [NOT ANSWERED]

QID : 635 - Calculate a country's GDP if for the year, consumer spending is \$400 million, government spending is \$150 million, investment by businesses is \$80 million, exports are \$35 million and imports are \$40 million.

एक देश के सकल घरेलू उत्पाद की गणना करें, यदि उस साल के लिए, उपभोक्ता खर्च \$ 400 मिलियन है, सरकारी खर्च \$ 150 मिलियन है, व्यवसायों द्वारा निवेश \$ 80 मिलियन है, निर्यात \$ 35 मिलियन हैं और आयात \$ 40 मिलियन हैं।

Options:

- 1) \$625 million
625 मिलियन \$
- 2) \$465 million
465 मिलियन \$
- 3) \$475 million
475 मिलियन \$
- 4) \$635 million
635 मिलियन \$

Correct Answer: \$625 million
625 मिलियन \$

Candidate Answer: [NOT ANSWERED]

QID : 636 - Economics assumes that

अर्थशास्त्र मानता है कि

Options:

- 1) people have unlimited desires but limited resources
लोगों की इच्छाएँ असीमित होती हैं, लेकिन संसाधन सीमित होते हैं
- 2) people have limited desires but unlimited resources
लोगों की इच्छाएँ सीमित होती हैं, लेकिन संसाधन असीमित होते हैं
- 3) allocation of resources if not centrally planned will cause inefficiency
संसाधनों के आवंटन का यदि केन्द्रीय नियोजन नहीं किया जाता, तो अक्षमता का कारण बनेगा
- 4) people are emotional and make irrational decisions
लोग भावुक होते हैं, और तर्कहीन निर्णय लेते हैं

Correct Answer: people have unlimited desires but limited resources
लोगों की इच्छाएँ असीमित होती हैं, लेकिन संसाधन सीमित होते हैं

Candidate Answer: [NOT ANSWERED]

QID : 637 - Carbon dioxide is produced by all of the following except

कार्बन डाय ऑक्साइड निम्नलिखित में से एक को छोड़कर बाकी सभी से उत्पन्न होती है

Options:

1) Burning fossil fuels

खनिज इंधन के जलने से

2) Global warming

वैश्विक उष्णता से

3) Cement production

सिमेंट के उत्पादन से

4) Deforestation

जंगलों की कटाई से

Correct Answer: Global warming

वैश्विक उष्णता से

Candidate Answer: [NOT ANSWERED]

QID : 638 - Carnotite is an ore/mineral of ____.

कार्नोटोटाईट _____ का एक अयस्क/खनिज है।

Options:

1) Beryllium

बेरिलियम

2) Chromium

क्रोमियम

3) Uranium

युरेनियम

4) Copper

कॉपर

Correct Answer: Uranium

युरेनियम

Candidate Answer: [NOT ANSWERED]

QID : 639 - Name the first country that has banned Pokemon Go.

उस प्रथम देश का नाम बताइए जिसने पोकेमॉन गो को प्रतिबंधित किया है।

Options:

1) India

भारत

2) Russia

रूस

3) China

चीन

4) Iran

ईरान

Correct Answer: Iran

ईरान

Candidate Answer: [NOT ANSWERED]

QID : 640 - Melghat Tiger Reserve is located in which state?

मेलघाट बाघ अभ्यारण्य किस राज्य में है?

Options:

1) West Bengal

प. बंगाल

2) Rajasthan

राजस्थान

3) Madhya Pradesh

मध्यप्रदेश

4) Maharashtra

महाराष्ट्र

Correct Answer: Maharashtra

महाराष्ट्र

Candidate Answer: [NOT ANSWERED]

QID : 641 - Saturn is the _____ planet from the Sun.

शनि सूर्य से _____ ग्रह है।

Options:

1) 2nd

दूसरा

2) 4th

चौथा

3) 6th

छठा

4) 8th

आठवाँ

Correct Answer: 6th

छठा

Candidate Answer: 2nd

दूसरा

QID : 642 - Shahjahan was the _____Mughal ruler.

शाहजहाँ _____ मुगल शासक था।

Options:

- 1) Fourth
चौथा
- 2) Third
तीसरा
- 3) Sixth
छटवां
- 4) Fifth
पांचवा

Correct Answer: Fifth
पांचवा

Candidate Answer: [NOT ANSWERED]

QID : 643 - Akbar was born in the year ____.

अकबर का जन्म वर्ष _____ में हुआ था।

Options:

- 1) 1542
- 2) 1642
- 3) 1742
- 4) 1842

Correct Answer: 1542

Candidate Answer: [NOT ANSWERED]

QID : 644 - The first Indian to win Booker Prize is

बुकर पुरस्कार जीतने वाले पहली भारतीय है

Options:

- 1) Jhumpa Lahiri
जुम्पा लाहिरी
- 2) Arundhati Roy
अरुंधती रॉय
- 3) Siddhartha Mukherjee
सिद्धार्थ मुखर्जी
- 4) Gobind Beharilal
गोबिंद बिहारीलाल

Correct Answer: Arundhati Roy
अरुंधती रॉय

Candidate Answer: Jhumpa Lahiri
जुम्पा लाहिरी

QID : 645 - Which of the following is not a vector quantity?

निम्नलिखित में से कौन सी एक सदिश राशि नहीं है?

Options:

- 1) Work
कार्य
- 2) Force
बल
- 3) Displacement
विस्थापन
- 4) Velocity
वेग

Correct Answer: Work
कार्य

Candidate Answer: Work
कार्य

QID : 646 - Terminal velocity _____.

चरम वेग _____।

Options:

- 1) first increases before decreasing
पहले बढ़ता है और फिर घटता है
- 2) is constant
स्थिर होता है
- 3) first decreases before increasing
बढ़ने से पहले घटता है
- 4) always keeps on increasing
हमेशा बढ़ता रहता है

Correct Answer: is constant
स्थिर होता है

Candidate Answer: [NOT ANSWERED]

QID : 647 - Fundamental duties are included in the Indian Constitution by the _____ Amendment.

मौलिक कर्तव्यों को _____ संशोधन द्वारा भारतीय संविधान में शामिल किया गया है।

Options:

- 1) 44th
44 वें
- 2) 42nd
42 वें
- 3) 26th
26 वें
- 4) 25th
25 वें

Correct Answer: 42nd

42 वें

Candidate Answer: 42nd

42 वें

QID : 648 - In which year was the First Five Year Plan launched in India?

भारत में प्रथम पंचवर्षीय योजना का प्रारंभ किस वर्ष हुआ था?

Options:

- 1) 1921
- 2) 1931
- 3) 1941
- 4) 1951

Correct Answer: 1951

Candidate Answer: 1951

QID : 649 - Who is the former body builder, who became a film star and a governor?

वह पूर्व बॉडी बिल्डर कौन है, जो बाद में एक फिल्म स्टार और एक गवर्नर बने?

Options:

- 1) Sylvester Stallone
सिल्वेस्टर स्टेल्न
- 2) Dwayne Johnson
ड्वेन जॉनसन
- 3) Arnold Schwarzenegger
अर्नाल्ड श्वार्जनेगर
- 4) Steve Austin
स्टीव ऑस्टीन

Correct Answer: Arnold Schwarzenegger

अर्नाल्ड श्वार्जनेगर

Candidate Answer: [NOT ANSWERED]

QID : 650 - Who is the author of "Half Girlfriend"?

"हाफ गर्लफ्रेंड" पुस्तक के लेखक कौन है?

Options:

- 1) Chetan Bhagat
चेतन भगत
- 2) Amish Tripathi
अमिश त्रिपाठी
- 3) Ravinder Singh
रविंदर सिंह
- 4) Salman Rushdie
सलमान रश्दी

Correct Answer: Chetan Bhagat

चेतन भगत

Candidate Answer: Chetan Bhagat

चेतन भगत

QID : 651 - If $\sec^2 A \operatorname{cosec}^2 A = x$, then x is

यदि $\sec^2 A \operatorname{cosec}^2 A = x$, तो x का मान क्या है?

Options:

- 1) $\sec^2 A + \operatorname{cosec}^2 A + 2$
- 2) $\tan^2 A + \cot^2 A - 2$
- 3) $\tan^2 A + \cot^2 A + 2$
- 4) $\sec^2 A + \operatorname{cosec}^2 A - 2$

Correct Answer: $\tan^2 A + \cot^2 A + 2$

Candidate Answer: $\tan^2 A + \cot^2 A + 2$

QID : 652 - At what rate of compound interest per annum will a sum of Rs 20000 become Rs 25088 in 2 years?

20000 रु की राशि प्रति वर्ष चक्रवृद्धि ब्याज की किस दर से 2 वर्षों में 25088 रु हो जाएगी?

Options:

- 1) 24 percent
24 प्रतिशत
- 2) 8 percent
8 प्रतिशत
- 3) 12 percent
12 प्रतिशत
- 4) 16 percent
16 प्रतिशत

Correct Answer: 12 percent

12 प्रतिशत

Candidate Answer: 12 percent

12 प्रतिशत

QID : 653 - $\triangle GHI$ is similar to $\triangle KLM$. If the ratio of Perimeter of $\triangle GHI$: Perimeter of $\triangle KLM = 1:4$, and length of GH is 2 cm, what is the length of the corresponding side KL ?

$\triangle GHI$, $\triangle KLM$ के समान है। यदि $\triangle GHI$ की परिधि: $\triangle KLM$ की परिधि का अनुपात 1:4 है, और GH की लंबाई 2 से.मी. है, तो संगत भुजा KL की लंबाई क्या है?

Options:

- 1) 4 cm
4 से.मी.
- 2) 8 cm
8 से.मी.
- 3) 32 cm
32 से.मी.
- 4) 16 cm
16 से.मी.

Correct Answer: 8 cm

8 से.मी.

Candidate Answer: 4 cm

4 से.मी.

QID : 654 - If $\sin \pi/6 + \sec \pi/6 = x$, then x is

यदि $\sin \pi/6 + \sec \pi/6 = x$, तो x का क्या मान है?

Options:

- 1) $(2\sqrt{2}-1)/2$
- 2) $5/\sqrt{3}$
- 3) $(\sqrt{6}-1)/\sqrt{2}$
- 4) $(\sqrt{3}+4)/2\sqrt{3}$

Correct Answer: $(\sqrt{3}+4)/2\sqrt{3}$

Candidate Answer: $(\sqrt{3}+4)/2\sqrt{3}$

QID : 655 - Square of $(3x - 5xy)$ is

$(3x - 5xy)$ का वर्ग क्या है?

Options:

- 1) $9x^2 - 30x^2y + 25x^2y^2$
- 2) $9x^2 - 15x^2y + 25x^2y^2$
- 3) $25x^2 - 15x^2y + 9x^2y^2$
- 4) $25x^2 - 30x^2y + 9x^2y^2$

Correct Answer: $9x^2 - 30x^2y + 25x^2y^2$

Candidate Answer: $9x^2 - 30x^2y + 25x^2y^2$

QID : 656 - If $5 - 2x \geq 4 - x$ and $3(2 - x) > 2 - 4x$; then x can take which of the following values?

यदि $5 - 2x \geq 4 - x$ और $3(2 - x) > 2 - 4x$; तो x का क्या मान होगा?

Options:

- 1) 3
- 2) 2
- 3) -3
- 4) -5

Correct Answer: -3

Candidate Answer: -3

QID : 657 - If $x^3 = 62 - 32$, then the value of x is

यदि $x^3 = 62 - 32$, तो x का मान क्या है?

Options:

- 1) 9
- 2) 6
- 3) 3
- 4) 1

Correct Answer: 3

Candidate Answer: [NOT ANSWERED]

QID : 658 - Which of the following is not a quadratic equation?

इनमें से कौन सा एक द्विघात समीकरण नहीं है?

Options:

1) $2x(x + 4) - 11 = x(x - 3) + 6$

2) $4x(x + 4) - 11 = 5x(x - 3) + 5$

3) $x(x + 2) - 15 = x(x - 5) + 11$

4) $2x^2 + 8x - 11 = 0$

Correct Answer: $x(x + 2) - 15 = x(x - 5) + 11$

Candidate Answer: $x(x + 2) - 15 = x(x - 5) + 11$

QID : 659 - Of the 5 numbers whose average is 78, the first is $\frac{2}{11}$ times the sum of other 4. The first number is

5 संख्याओं का औसत 78 है, उनमें से पहली संख्या अन्य 4 संख्याओं के योग का $\frac{2}{11}$ गुना है। वह पहली संख्या क्या है?

Options:

1) 90

2) 40

3) 60

4) 120

Correct Answer: 60

Candidate Answer: 60

QID : 660 - If $\sin A = x$, then x is equal to

यदि $\sin A = x$, तो x किसके बराबर है?

Options:

1) $\sqrt{1 - \cos^2 A}$

2) $\sqrt{1 - \sin^2 A}$

3) $\sqrt{1 + \cos^2 A}$

4) $\sqrt{1 + \sin^2 A}$

Correct Answer: $\sqrt{1 - \cos^2 A}$

Candidate Answer: $\sqrt{1 - \cos^2 A}$

QID : 661 - A shopkeeper, sold cocoa seeds at the rate Rs 1330 a kg and bears a loss of 15%. Now if he decides to sell it at Rs 1463 per kg, what will be the result?

एक दुकानदार 1330 रु प्रति किलोग्राम की दर से कोको बीज बेचता है और 15% हानि वहन करता है। अब उसने 1463 रु प्रति किलोग्राम से कोको बीज बेचने का फैसला किया है, तो इसका क्या परिणाम होगा?

Options:

1) 13 percent loss

13 प्रतिशत हानि

2) 6.5 percent gain

6.5 प्रतिशत लाभ

3) 6.5 percent loss

6.5 प्रतिशत हानि

4) 13 percent gain

13 प्रतिशत लाभ

Correct Answer: 6.5 percent loss

6.5 प्रतिशत हानि

Candidate Answer: 6.5 percent loss

6.5 प्रतिशत हानि

QID : 662 - A can do a work in 16 days and B in 20 days. If they work on it together for 8 days, then what fraction of work is left?

A एक काम 16 दिन में और B 20 दिन में करता है। यदि वे दोनों 8 दिन साथ मिलकर काम करें, तो काम का कितना भाग बाकी रह जायेगा?

Options:

1) $\frac{1}{3}$

2) $\frac{1}{6}$

3) $\frac{2}{9}$

4) $\frac{1}{10}$

Correct Answer: $\frac{1}{10}$

Candidate Answer: $\frac{1}{10}$

QID : 663 - In $\triangle ABC$, D and E are points on side AB and AC respectively. DE is parallel to BC. If lengths of AD, DB and AE are 8 cm, 4 cm and 12 cm respectively, what is the length of AC?

$\triangle ABC$ में, D और E क्रमशः AB और AC पर बिंदु हैं। DE, BC के समानांतर है। यदि AD, DB और AE की लंबाई क्रमशः 8 से.मी., 4 से.मी. और 12 से.मी. हैं, तो AC की लंबाई क्या होगी?

Options:

- 1) 6 cm
6 से.मी.
- 2) 18 cm
18 से.मी.
- 3) 9 cm
9 से.मी.
- 4) 15 cm
15 से.मी.

Correct Answer: 18 cm

18 से.मी.

Candidate Answer: 6 cm

6 से.मी.

QID : 664 - A cone of radius 3.5 cm and height 27 cm is completely filled with water. This water is emptied into an empty cylindrical vessel of radius 2.1 cm. What will be the height of water in this vessel? (Take $\pi = 22/7$)

3.5 से.मी. की त्रिज्या और 27 से.मी. की ऊंचाई वाले एक शंकु को पूरी तरह से पानी से भरा जाता है। इस पानी को 2.1 से.मी. त्रिज्या वाले एक खाली बेलनाकार बर्तन में खाली कर दिया है। इस बर्तन में पानी की ऊंचाई क्या होगी? (प्रयोग करें $\pi = 22/7$)

Options:

- 1) 50 cm
50 से.मी.
- 2) 25 cm
25 से.मी.
- 3) 12.5 cm
12.5 से.मी.
- 4) 37.5 cm
37.5 से.मी.

Correct Answer: 25 cm

25 से.मी.

Candidate Answer: 25 cm

25 से.मी.

QID : 665 - A missile travels at 1278 km/h. How many metres does it travel in one second?

एक मिसाइल 1278 कि.मी./घंटा की गति से चलती है। एक सेकंड में वह कितनी दूरी तय करती है?

Options:

- 1) 355 metres
355 मीटर
- 2) 358 metres
358 मीटर
- 3) 345 metres
345 मीटर
- 4) 313 metres
313 मीटर

Correct Answer: 355 metres

355 मीटर

Candidate Answer: 355 metres

355 मीटर

QID : 666 - If $8/5$ of $4/3$ of a number is 192, then $5/6$ of that number is

यदि किसी संख्या के $4/3$ का $8/5$, 192 है, तो उस संख्या का $5/6$ क्या होगा?

Options:

- 1) 75
- 2) 192
- 3) 180
- 4) 65

Correct Answer: 75

Candidate Answer: 75

QID : 667 - Daily local train ticket costs Rs 110 and Monthly Pass costs Rs 2524.5. If Ram buys the monthly pass and travel for 27 days in a month than he will save_____.

लोकल ट्रेन के दैनिक टिकट का मूल्य 110 रु है और मासिक पास का मूल्य 2524.5 रु हैं। यदि राम मासिक पास खरीदता है और एक महीने में 27 दिन यात्रा करता है, तो उसकी बचत _____ होगी।

Options:

- 1) 14 percent
14 प्रतिशत
- 2) 15 percent
15 प्रतिशत
- 3) 12 percent
12 प्रतिशत
- 4) 25 percent
25 प्रतिशत

Correct Answer: 15 percent

15 प्रतिशत

Candidate Answer: 15 percent

15 प्रतिशत

QID : 668 - The areas of a circle and square are equal. What is the square of the ratio of length of diameter to the length of diagonal?

एक वृत्त और वर्ग का क्षेत्रफल एक बराबर हैं। व्यास की लंबाई का विकर्ण की लंबाई से अनुपात का वर्ग क्या होगा?

Options:

1) 11/7

2) 7/9

3) 7/11

4) 9/7

Correct Answer: 7/11

Candidate Answer: 7/11

QID : 669 - What is the slope of the line, perpendicular to the line $3x - 6y = 4$?

रेखा $3x - 6y = 4$ की लंबवत रहने वाली रेखा की ढलान क्या है?

Options:

1) -2

2) 2

3) 2/3

4) -2/3

Correct Answer: -2

Candidate Answer: -2

QID : 670 - Two students appeared for an examination. One of them secured 26 marks more than the other and his marks were 75% of the sum of their marks. The marks obtained by them are

दो छात्र एक परीक्षा में बैठे। उनमें से एक ने दूसरे की तुलना में 26 अंक अधिक हासिल किये, उसके अंक उन दोनों के अंक के योग का 75% थे। उन दोनों ने कितने अंक प्राप्त किये?

Options:

1) 53 and 27

53 और 27

2) 60 and 34

60 और 34

3) 39 and 13

39 और 13

4) 78 and 52

78 और 52

Correct Answer: 39 and 13

39 और 13

Candidate Answer: 39 and 13

39 और 13

QID : 671 - Profit of Rs 728000 has to be divided among three partners Amir, Balaraj and Charan in the ratio 7:5:4. How much share (in Rs) does Charan get?

728000 रु के लाभ को 7:5:4 के अनुपात में तीन हिस्सेदारों आमिर, बलराज और चरण में बांटा जाना है। चरण को प्राप्त हिस्सा (रु में) कितना होगा?

Options:

1) 227500

2) 318500

3) 91000

4) 182000

Correct Answer: 182000

Candidate Answer: 182000

QID : 672 - Product of $9b^2$, $3a^2$ and $4ab$ is

$9b^2$, $3a^2$ and $4ab$ का गुणनफल क्या है?

Options:

1) $108a^2b^2$

2) $108a^3b^3$

3) $108a^3b^2$

4) $108a^4b^4$

Correct Answer: $108a^3b^3$

Candidate Answer: $108a^3b^3$

QID : 673 - If $\tan^2 A - \tan^2 B = x$, then the value of x is

यदि $\tan^2 A - \tan^2 B = x$ हो तो x का मान क्या है?

Options:

1) $(\sin^2 A - \sin^2 B)/(\cos^2 A \cos^2 B)$

2) $(\sin^2 A \sin^2 B)/(\cos^2 A - \cos^2 B)$

3) $(\sin^2 A + \sin^2 B)/(\cos^2 A \cos^2 B)$

4) $(\sin^2 A \sin^2 B)/(\cos^2 A + \cos^2 B)$

Correct Answer: $(\sin^2 A - \sin^2 B)/(\cos^2 A \cos^2 B)$

Candidate Answer: [NOT ANSWERED]

QID : 674 - The length, breadth and height of a cuboid are 12 cm, 8 cm and 6 cm respectively. The volume of the cuboid is (Use $\pi = 22/7$)

एक घनाभ की लंबाई, चौड़ाई और ऊंचाई क्रमशः 12 से.मी., 8 से.मी. और 6 से.मी. हैं। घनाभ का आयतन क्या होगा? (प्रयोग करें $\pi = 22/7$)

Options:

1) 1152 cubic cms

1152 घन से.मी.

2) 288 cubic cms

288 घन से.मी.

3) 576 cubic cms

576 घन से.मी.

4) 864 cubic cms

864 घन से.मी.

Correct Answer: 576 cubic cms

576 घन से.मी.

Candidate Answer: 576 cubic cms

576 घन से.मी.

QID : 675 - What is the altitude of an equilateral triangle whose side is 12 cm?

एक समभुज त्रिभुज की ऊंचाई क्या होगी, जिसकी भुजा 12 से.मी. है?

Options:

1) $6\sqrt{3}$ cm

$6\sqrt{3}$ से.मी.

2) $3\sqrt{3}$ cm

$3\sqrt{3}$ से.मी.

3) $6\sqrt{2}$ cm

$6\sqrt{2}$ से.मी.

4) $4\sqrt{2}$ cm

$4\sqrt{2}$ से.मी.

Correct Answer: $6\sqrt{3}$ cm

$6\sqrt{3}$ से.मी.

Candidate Answer: $6\sqrt{3}$ cm

$6\sqrt{3}$ से.मी.

QID : 676 - Select the word with the correct spelling.

Options:

1) adoption

2) crocusses

3) dollorous

4) pallatine

Correct Answer: adoption

Candidate Answer: adoption

QID : 677 - 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'.

During the class(A)/the teacher request to(B)/the students to have patience.(C)/No error(D)

Options:

1) A

2) B

3) C

4) D

Correct Answer: B

Candidate Answer: A

QID : 678 - Rearrange the parts of the sentence in correct order.

We need not

P-order to nurture true cosmopolitanism

Q-burden of loving each other in

R-place on ourselves the unbearable

Options:

1) QRP

2) RQP

3) PRQ

4) PQR

Correct Answer: RQP

Candidate Answer: RQP

QID : 679 - In the following question, sentence given with blank is to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

Corporates need to do much more to increase consumer _____ about duplicate products.

Options:

- 1) information
- 2) habits
- 3) awareness
- 4) satisfaction

Correct Answer: awareness

Candidate Answer: awareness

QID : 680 - In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.

Bed of roses

Options:

- 1) What may look comfortable may have hidden thorns
- 2) A situation or activity that is comfortable or easy
- 3) A warm welcome to a loved one
- 4) One needs to be extremely rich to live a luxurious life

Correct Answer: A situation or activity that is comfortable or easy

Candidate Answer: One needs to be extremely rich to live a luxurious life

QID : 681 - In the following question, out of the four alternatives, select the alternative which is the best substitute of the phrase.

To officially register as a member of an institution

Options:

- 1) to muster
- 2) to enrol
- 3) to institutionalize
- 4) to officiate

Correct Answer: to enrol

Candidate Answer: [NOT ANSWERED]

QID : 682 - Select the synonym of

conspiracy

Options:

- 1) fidelity
- 2) plot
- 3) ardour
- 4) zeal

Correct Answer: plot

Candidate Answer: plot

QID : 683 - In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.

Back to the drawing board

Options:

- 1) An idea has been unsuccessful and that a new one must be devised
- 2) A person decides his own fate
- 3) All efforts can be wasted because of one mistake
- 4) One always returns to his roots in times of crisis

Correct Answer: An idea has been unsuccessful and that a new one must be devised

Candidate Answer: An idea has been unsuccessful and that a new one must be devised

QID : 684 - Rearrange the parts of the sentence in correct order.

They are even poorer

P-failure will deprive

Q-them of jobs altogether

R-than farmers; and crop

Options:

- 1) RPQ
- 2) RQP
- 3) PQR
- 4) QPR

Correct Answer: RPQ

Candidate Answer: QPR

QID : 685 - In the following question, out of the four alternatives, select the alternative which is the best substitute of the phrase.

To reveal the true, objectionable nature of someone

Options:

- 1) to betray
- 2) to forsake
- 3) to expose
- 4) to delude

Correct Answer: to expose

Candidate Answer: to delude

QID : 686 - Select the word with the correct spelling.

Options:

- 1) decanyter
- 2) ghoullysh
- 3) accollade
- 4) abruptly

Correct Answer: abruptly

Candidate Answer: [NOT ANSWERED]

QID : 687 - Improve the bracketed part of the sentence.

The management would prefer **(you finishing)** the project on time.

Options:

- 1) that you finish
- 2) you had finished
- 3) that you could finish
- 4) no improvement

Correct Answer: that you finish

Candidate Answer: [NOT ANSWERED]

QID : 688 - In the following question, a sentence has been given in Direct/Indirect speech. Out of the four alternatives suggested, select the one, which best express the same sentence in Indirect/Direct speech.

Kabir said to me, "I was waiting for you for a long time."

Options:

- 1) Kabir told me that he had been waiting for me for a long time.
- 2) Kabir had told that me had been waiting for me for a long time.
- 3) Kabir told me he had been waiting for me for a long time.
- 4) Kabir told that me he was waiting for me for a long time.

Correct Answer: Kabir told me that he had been waiting for me for a long time.

Candidate Answer: Kabir told me that he had been waiting for me for a long time.

QID : 689 - 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'.

So soon as I shall (A)/reach office, I shall(B)/mail you the documents.(C)/No error(D)

Options:

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

Correct Answer: A

Candidate Answer: A

QID : 690 - In the following question, sentence given with blank is to be filled in with an appropriate word. Select the correct alternative out of the four and indicate it by selecting the appropriate option.

The investment bankers worked with the management of both the merging companies to _____ a consensus on the merger terms.

Options:

- 1) express
- 2) emerge
- 3) elucidate
- 4) reach

Correct Answer: reach

Candidate Answer: [NOT ANSWERED]

QID : 691 - Select the antonym of

whirl

Options:

- 1) swirl
- 2) peace
- 3) flurry
- 4) surge

Correct Answer: peace

Candidate Answer: [NOT ANSWERED]

QID : 692 - 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.

Our Institute has launched a new scholarship scheme for the weaker sections of the society.

Options:

- 1) A new scholarship scheme has been launched by our Institute for the weaker sections of the society.
- 2) A new scholarship scheme was launched for our Institute for sections of the society which are weak.
- 3) For the weaker sections of the society a new scholarship scheme had been launched by our Institute.
- 4) For the weaker sections of the society our Institute had launched a new scholarship scheme.

Correct Answer: A new scholarship scheme was launched for our Institute for sections of the society which are weak.

Candidate Answer: A new scholarship scheme has been launched by our Institute for the weaker sections of the society.

QID : 693 - Select the antonym of

jaunt

Options:

- 1) halt
- 2) excursion
- 3) stroll
- 4) ramble

Correct Answer: halt

Candidate Answer: halt

QID : 694 - Improve the bracketed part of the sentence.

It has been a long (ago) I last saw you.

Options:

- 1) time
- 2) since
- 3) before
- 4) no improvement

Correct Answer: since

Candidate Answer: since

QID : 695 - Select the synonym of

dire

Options:

- 1) calm
- 2) mild
- 3) critical
- 4) trivial

Correct Answer: critical

Candidate Answer: critical

QID : 696 - 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.

What does "victim-centric" mean in the criminal justice system? It means restoring the confidence of victims in the system and achieving the _____ of justice in whichever sense the idea is conceived. _____ this end, the system must confer certain rights on victims to enable them to _____ in the proceedings, including the right to be impleaded and to engage an advocate in serious offences, the right to track the progress of _____, the right to be heard on critical issues and to assist the court in the _____ of truth.

achieving the _____ of justice in whichever sense the idea is conceived.

Options:

- 1) purpose
- 2) agenda
- 3) plan
- 4) goal

Correct Answer: goal

Candidate Answer: goal

QID : 697 - 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.

What does "victim-centric" mean in the criminal justice system? It means restoring the confidence of victims in the system and achieving the _____ of justice in whichever sense the idea is conceived. _____ this end, the system must confer certain rights on victims to enable them to _____ in the proceedings, including the right to be impleaded and to engage an advocate in serious offences, the right to track the progress of _____, the right to be heard on critical issues and to assist the court in the _____ of truth.

_____ this end,

Options:

- 1) Toward
- 2) For
- 3) Near
- 4) Forward

Correct Answer: Toward

Candidate Answer: [NOT ANSWERED]

QID : 698 - 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.

What does "victim-centric" mean in the criminal justice system? It means restoring the confidence of victims in the system and achieving the _____ of justice in whichever sense the idea is conceived. _____ this end, the system must confer certain rights on victims to enable them to _____ in the proceedings, including the right to be impleaded and to engage an advocate in serious offences, the right to track the progress of _____, the right to be heard on critical issues and to assist the court in the _____ of truth.

the system must confer certain rights on victims to enable them to _____ in the proceedings

Options:

- 1) share
- 2) participate
- 3) judge
- 4) speak

Correct Answer: participate

Candidate Answer: [NOT ANSWERED]

QID : 699 - 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.

What does "victim-centric" mean in the criminal justice system? It means restoring the confidence of victims in the system and achieving the _____ of justice in whichever sense the idea is conceived. _____ this end, the system must confer certain rights on victims to enable them to _____ in the proceedings, including the right to be impleaded and to engage an advocate in serious offences, the right to track the progress of _____, the right to be heard on critical issues and to assist the court in the _____ of truth.

the right to track the progress of _____

Options:

- 1) a case
- 2) the ruling
- 3) the proceedings
- 4) the process

Correct Answer: the proceedings

Candidate Answer: [NOT ANSWERED]

QID : 700 - 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.

What does "victim-centric" mean in the criminal justice system? It means restoring the confidence of victims in the system and achieving the _____ of justice in whichever sense the idea is conceived. _____ this end, the system must confer certain rights on victims to enable them to _____ in the proceedings, including the right to be impleaded and to engage an advocate in serious offences, the right to track the progress of _____, the right to be heard on critical issues and to assist the court in the _____ of truth.

the right to be heard on critical issues and to assist the court in the _____ of truth.

Options:

- 1) pursuance
- 2) perusal
- 3) pursuing
- 4) pursuit

Correct Answer: pursuit

Candidate Answer: [NOT ANSWERED]