

SSC CHSL (Tier - 1) Online Exam Paper - 2017 "held on 14 March 2018"

After Noon Shift (General Intelligence)

QID : 126 - In the following question, select the related word pair from the given alternatives.

Hospital : Treatment :: ? : ?

Options:

- 1) Product : Production
- 2) Government : Country
- 3) Justice : Court
- 4) School : Education

Correct Answer: School : Education

QID : 127 - In the following question, select the related number from the given alternatives.

13 : 171 :: 17 : ?

Options:

- 1) 286
- 2) 289
- 3) 291

4) 294

Correct Answer: 291

QID : 128 - In the following question, select the related letter/letters from the given alternatives.

PTR : NRP :: WTV : ?

Options:

- 1) YVX
- 2) YVZ
- 3) URT
- 4) UQT

Correct Answer: URT

QID : 129 - In the following question, select the odd word from the given alternatives.

Options:

- 1) West
- 2) Direction
- 3) South
- 4) South – West

Correct Answer: Direction

QID : 130 - In the following question, four number pairs are given. The number on left side of (–) is related to the number on the right side of (–) with some Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives.

Options:

- 1) 23 – 24
- 2) 25 – 26
- 3) 27 – 28
- 4) 29 – 27

Correct Answer: 29 – 27

QID : 131 - In the following question, select the odd letter/letters from the given alternatives.

Options:

- 1) SRQP
- 2) JIHG
- 3) VUTS
- 4) ZYXV

Correct Answer: ZYXV

QID : 132 - Arrange the given words in the sequence in which they occur in the dictionary.

1. Dispel
2. Dispute
3. Distinct
4. Dissent
5. Disrupt

Options:

- 1) 35412
- 2) 15342
- 3) 23415
- 4) 12543

Correct Answer: 12543

QID : 133 - In the following question, select the missing number from the given series.

15, 21, 28, 34, ?, 47

Options:

- 1) 41
- 2) 40
- 3) 44
- 4) 43

Correct Answer: 41

QID : 134 - A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

D, G, K, N, R, ?, ?, B, F

Options:

- 1) U, Z
- 2) U, Y
- 3) X, Z
- 4) T, Z

Correct Answer: U, Y

QID : 135 - Rajnish walks 35 km towards north. He turns left and walks 20 km. He turns left and walks 35 km. How far (in km) is he now from his starting point?

Options:

- 1) 25
- 2) 90
- 3) 20
- 4) $10\sqrt{2}$

Correct Answer: 20

QID : 136 - From the given alternatives, select the word which CANNOT be formed using the letters of the given word.

Nightingales

Options:

- 1) Nine
- 2) Gales
- 3) Eight
- 4) Novel

Correct Answer: Novel

QID : 137 - In a certain code language, "TALCS" is written as "UENCV". How is "SPARK" written in that code language?

Options:

- 1) HRVTN
- 2) MTCRU
- 3) MTCSV
- 4) MAMTR

Correct Answer: MTCRU

QID : 138 - In a certain code language, '-' represents '+', '+' represents 'x', 'x' represents '÷' and '÷' represents '-'. Find out the answer to the following question.

$$2 \div 12 - 6 + 20 \times 4 = ?$$

Options:

- 1) 40
- 2) 1
- 3) 20
- 4) 43

Correct Answer: 20

QID : 139 - The following equation is incorrect. Which two signs should be interchanged to correct the equation?

$$18 \times 12 - 6 \div 5 + 4 = 35$$

Options:

- 1) + and \times
- 2) + and \div
- 3) - and +
- 4) \div and -

Correct Answer: \div and -

QID : 140 - If $8*9 = 36$, $12*4 = 24$ and $14*6 = 42$, then find the value of $18*6 = ?$

Options:

- 1) 14
- 2) 54
- 3) 44
- 4) 2

Correct Answer: 54

QID : 141 - Which of the following terms follows the trend of the given list?

AABAAAA, BAAAAAA, AAAAABA, AAABAAA, ABAAAAA, _____.

Options:

- 1) AAAABAA
- 2) AABAAAA
- 3) BAAAAAA
- 4) AAAAAAB

Correct Answer: AAAAAAB

QID : 142 - A goods carrier travels 23 km East, then it turns North and travels 15 km, then it turns West and Travels 38 km, then it turns to its left and travels 15 km. Where is it now with reference to its starting position?

एक माल वाहक पूर्व की ओर 23 कि.मी. यात्रा करता है, फिर यह उत्तर की तरफ मुड़ जाता है और आगे 15 कि.मी. की यात्रा करता है, फिर यह पश्चिम की तरफ मुड़ जाता है और आगे 38 कि.मी. की यात्रा करता है, फिर यह अपनी बाईं ओर मुड़ जाता है और आगे 15 कि.मी. की यात्रा करता है। यह अब अपनी प्रारंभिक स्थिति के संदर्भ में कहां है?

Options:

- 1) 61 km West
- 2) 15 km East
- 3) 61 km East
- 4) 15 km West

Correct Answer: 15 km West

QID : 143 - In the question two statements are given, followed by two conclusions, I and II. You have to consider the statements to be true even if it seems 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: All brushes are brooms

Statement II: All mops are brushes

Conclusion I: All brooms are mops

Conclusion II: All mops are brooms

Options:

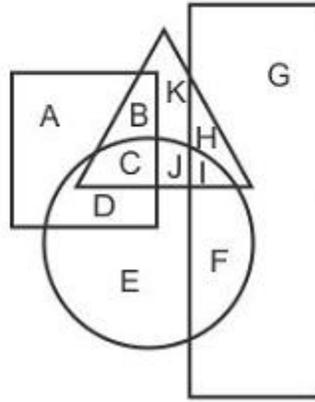
- 1) Only conclusion I follows
- 2) Only conclusion II follows
- 3) Both conclusions I and II follow
- 4) Neither conclusion I nor conclusion II follows

Correct Answer: Only conclusion II follows

QID : 144 -

In the following figure, rectangle represents Dieticians, circle represents Floral designers, triangle represents Gardeners and square represents Asians. Which set of letters represents Floral designers who are not Gardeners?

निम्नलिखित आकृति में, आयत आहार विशेषज्ञों को प्रदर्शित करता है, वृत्त पुष्प डिजाइनरों को प्रदर्शित करता है, त्रिभुज बागवानों को प्रदर्शित करता है और वर्ग एशियाई लोगों को प्रदर्शित करता है। अक्षरों का कौन सा समूह उन पुष्प डिजाइनर्स को प्रदर्शित करता है जो बागवान नहीं हैं?



Options:

- 1) BKH
- 2) ABC
- 3) DEF
- 4) GHI

Correct Answer: DEF

QID : 145 - A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

PMA, RPE, TSI, VVM, ?

Options:

- 1) YZR
- 2) VWO
- 3) XYQ
- 4) ACS

Correct Answer: XYQ

QID : 146 - In the following question, select the missing number from the given series.

67, 80, 93, ?, 119, 132

Options:

- 1) 108
- 2) 106
- 3) 114
- 4) 112

Correct Answer: 106

QID : 147 - In the following question, four groups of three numbers are given. In each group the second and third number are related to the first number by a Logic/Rule/Relation. Three are similar on basis of same Logic/Rule/Relation. Select the odd one out from the given alternatives.

Options:

- 1) (4, 16, 64)
- 2) (5, 25, 125)
- 3) (6, 36, 216)
- 4) (7, 49, 243)

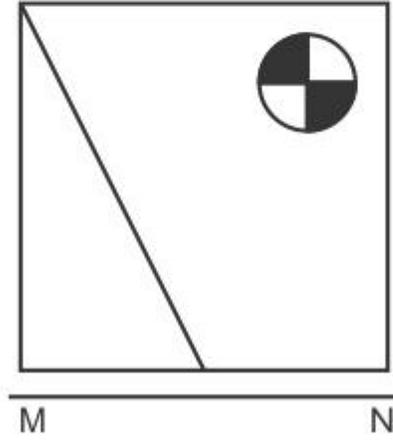
Correct Answer: (7, 49, 243)

Candidate Answer: (4, 16, 64)

QID : 148 -

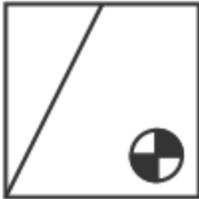
If a mirror is placed on the line MN, then which of the answer figures is the right image of the given figure?

यदि एक दर्पण को MN रेखा पर रखा जाए तो दी गयी उत्तर आकृतियों में से कौन-सी आकृति प्रश्न आकृति का सही प्रतिबिम्ब होगी?



Options:

1)



2)



3)



4)

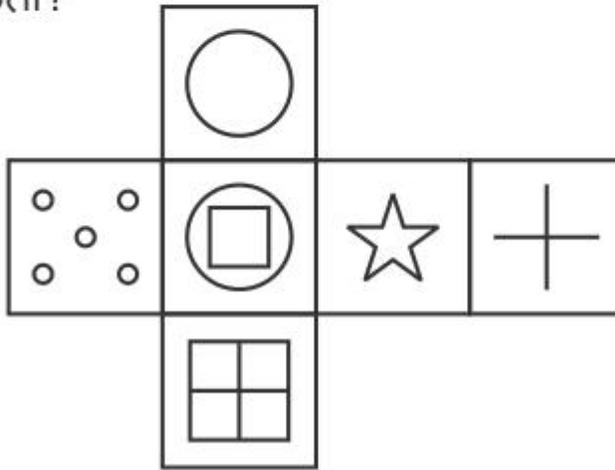


Correct Answer:

QID : 149 -

Which of the following cube in the answer figure cannot be made based on the unfolded cube in the question figure?

निम्नलिखित उत्तर आकृति में से कौन सा घन दिए गए प्रश्न आकृति में से खुले घन से बनाया नहीं जा सकता?



Options:

1)



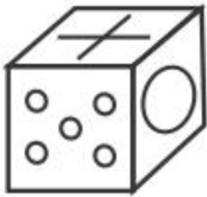
2)



3)



4)



Correct Answer:

QID : 150 -

A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as shown in the given two matrices. The columns and rows of Matrix-I are numbered from 0 to 4 and that of Matrix-II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, for example 'A' can be represented by 30, 41 etc and 'W' can be represented by 65, 97 etc. Similarly, you have to identify the set for the word 'QUIZ'.

एक शब्द केवल एक संख्या-समूह द्वारा दर्शाया गया है, जैसा कि विकल्पों में से किसी एक में दिया गया है। विकल्पों में दिए गए संख्या-समूह अक्षरों के दो वर्गों द्वारा दर्शाए गए हैं, जैसा कि दिए गए दो आव्यूहों में है। आव्यूह-I के स्तम्भ और पंक्ति की संख्या 0 से 4 और आव्यूह-II की 5 से 9 है। इन आव्यूहों से एक अक्षर को पहले उसकी पंक्ति और बाद में स्तम्भ संख्या द्वारा दर्शाया जा सकता है। उदाहरण के लिए 'A' को 30, 41 आदि द्वारा दर्शाया जा सकता है तथा 'W' को 65, 97 आदि द्वारा दर्शाया जा सकता है। इसी तरह से आपको प्रश्न में दिए शब्द 'QUIZ' के लिए समूह को पहचानना है।

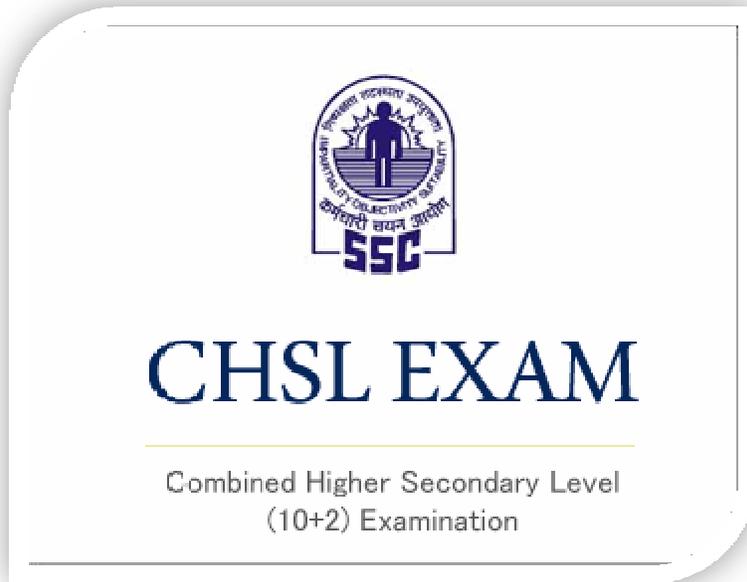
| Matrix I आव्यूह - I | | | | | |
|------------------------|---|---|---|---|---|
| | 0 | 1 | 2 | 3 | 4 |
| 0 | C | F | I | K | E |
| 1 | C | J | G | E | J |
| 2 | E | D | L | K | F |
| 3 | A | H | B | C | M |
| 4 | I | A | B | G | L |

| Matrix II आव्यूह - II | | | | | |
|--------------------------|---|---|---|---|---|
| | 5 | 6 | 7 | 8 | 9 |
| 5 | Y | Q | V | N | O |
| 6 | W | V | U | R | X |
| 7 | T | Q | W | V | T |
| 8 | V | O | R | Z | O |
| 9 | P | U | W | Y | O |

Options:

- 1) 42,79,23,57
- 2) 24,86,20,85
- 3) 76,96,40,88
- 4) 31,78,34,88

Correct Answer: 76,96,40,88



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After Noon Shift (General Awareness)

QID : 176 - Buyer's market denotes the place where _____.

Options:

- 1) the demand exceed the supply
- 2) the supply exceed the demand
- 3) commodities are available at competitive rates
- 4) the demand and supply are well balanced

Correct Answer: the supply exceed the demand

QID : 177 - State with maximum production of coffee in India is _____.

Options:

- 1) Karnataka
- 2) Kerala
- 3) Maharashtra
- 4) Tamil Nadu

Correct Answer: Karnataka

QID : 178 - Which of the following is NOT an example of intermontane plateau?

Options:

- 1) Plateau of Tibet
- 2) Columbia Plateau
- 3) Patagonia Plateau
- 4) Bolivian Plateau

Correct Answer: Patagonia Plateau

QID : 179 - Whose tributary is Tawa River?

Options:

- 1) Narmada
- 2) Tapi
- 3) Chambal
- 4) Yamuna

Correct Answer: Narmada

QID : 180 - The Sanskrit poet Rajshekhar lived in the court of _____.

Options:

- 1) Mahipala I
- 2) Dharmapala
- 3) Bhoja
- 4) Devpala II

Correct Answer: Mahipala I

QID : 181 - Which of the following Mughal rulers started 'Jharokha Darshan'?

Options:

- 1) Babar
- 2) Humayun
- 3) Akbar
- 4) Jahangir

Correct Answer: Akbar

QID : 182 - Who of the following is a world famous flute player?

Options:

- 1) Pandit Ravi Shankar
- 2) Shivkumar Sharma

- 3) Zakir Hussain
 - 4) Hariprasad Chaurasia
- Correct Answer:** Hariprasad Chaurasia

QID : 183 - With which country India has signed an agreement in September 2017 for co-operation in health sector?

Options:

- 1) Indonesia
- 2) Norway
- 3) France
- 4) Denmark

Correct Answer: Norway

QID : 184 - Who among the following was honored with the "Hridaynath Mangeshkar Award-2017" in October 2017?

Options:

- 1) Salim Khan
- 2) Javed Akhtar
- 3) Nana Patekar
- 4) Mahesh Bhatt

Correct Answer: Javed Akhtar

QID : 185 - Pakistan is located in which direction of India?

Options:

- 1) East
- 2) West
- 3) East-North
- 4) West-North

Correct Answer: West-North

QID : 186 - If an atom has atomic number 10 and mass number 23, then what will be the number of protons and neutrons in an atom respectively?

Options:

- 1) 10, 10
- 2) 10, 23
- 3) 13, 10
- 4) 10, 13

Correct Answer: 10, 13

QID : 187 - While cooking, if the bottom of the vessel is getting blackened on the outside, it means that _____.

Options:

- 1) the food is not cooked completely
- 2) the fuel is not burning completely
- 3) the fuel is wet
- 4) the fuel is burning completely

Correct Answer: the fuel is not burning completely

QID : 188 - Temporary Provisions with respect to the state of Jammu and Kashmir is given in which Article of Indian Constitution?

Options:

- 1) Article 350
- 2) Article 360
- 3) Article 370
- 4) Article 380

Correct Answer: Article 370

QID : 189 - Which among the following writs can be issued against any private individual?

- I. Certiorari
- II. Prohibition
- III. Habeas Corpus

Options:

- 1) Only III
- 2) Both I and III
- 3) Both II and III
- 4) No option is correct.

Correct Answer: Only III

QID : 190 - Which type of epithelial tissue forms the lining of kidney tubules and ducts of salivary glands, where it provides mechanical support?

Options:

- 1) Simple squamous epithelial

- 2) स्तरित शल्की एपिथीलियन
- 3) वक्ष्माभी स्तंभाकार एपिथीलियन
- 4) घनाकार एपिथीलियन

Correct Answer: Cuboidal epithelial

QID : 191 - The cell walls of many organisms of Fungi kingdom are made of a tough complex sugar called _____.

Options:

- 1) Pectin
- 2) Suberin
- 3) Cellulose
- 4) Chitin

Correct Answer: Chitin

QID : 192 - In November 2017, who launched 'Grahak Sadak Koyla Vitaran App' that aims to benefit customers of Coal India Limited (CIL)?

Options:

- 1) R. K. Singh
- 2) Suresh Prabhu
- 3) Naredra Singh Tomar
- 4) Piyush Goyal

Correct Answer: Piyush Goyal

QID : 193 - What is the name of the asteroid that causes Geminid meteor shower display around 15 December of every year?

Options:

- 1) 3 Juno
- 2) 3200 Phaethon
- 3) 511 Davida
- 4) 5200 Europa

Correct Answer: 3200 Phaethon

QID : 194 - In October 2017, RBI planned to make _____ compulsory for companies having aggregate exposure over Rs 5 crore.

Options:

- 1) Index Identifier

- 2) Economic Fund Identifier
 - 3) Legal Entity Identifier
 - 4) No option is correct.
- Correct Answer:** Legal Entity Identifier

QID : 195 - On January 16, 2018 the Supreme Court ruled the attacks and interference on adults opting for inter-caste marriage as 'absolutely illegal' in the petition filed by which NGO in 2010?

Options:

- 1) PRATHAM
- 2) Shakti Vahini
- 3) Goonj
- 4) Sammaan

Correct Answer: Shakti Vahini

QID : 196 - Find the acceleration (in m/s^2) produced in a body of mass 2 kg when a force of 8 N is applied on it.

Options:

- 1) 4
- 2) 16
- 3) 8
- 4) 32

Correct Answer: 4

QID : 197 - An object having a capability to do work is said to possess _____.

Options:

- 1) force
- 2) moment
- 3) momentum
- 4) energy

Correct Answer: energy

QID : 198 - The ozone layer protects us from harmful _____ rays of the sun.

Options:

- 1) infrared
- 2) cosmic
- 3) gamma

4) ultraviolet

Correct Answer: ultraviolet

QID : 199 - Which of the statements given below are correct?

A) In 2017, Michael Carrick captained the Premier League team Manchester United.

B) Sergio García won the Golf 2017 ANA Inspiration.

C) In 2018 IPL auctions, Kolkata Knight Riders retained Axar Patel.

Options:

1) Only A

2) Both B and C

3) Both A and B

4) None of these

Correct Answer: Only A

QID : 200 - In MS-Excel, _____ are an excellent tool to present data in a worksheet in a visually appealing format which aids in analyzing and comparing data.

Options:

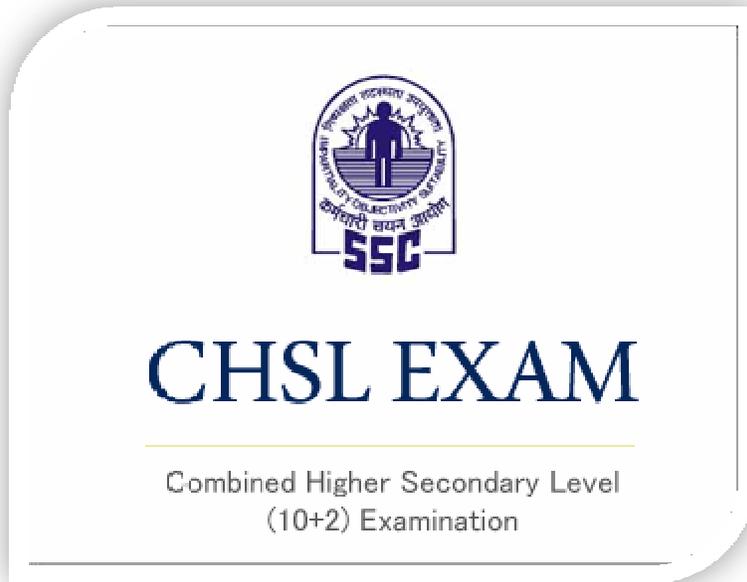
1) Charts

2) Mail merge

3) Outline

4) Tables

Correct Answer: Charts



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After Noon Shift (Quantitative Aptitude)

QID : 151 - The sum of a proper fraction and its reciprocal is $61/30$. Find the fraction.

Options:

- 1) $1/3$
- 2) $5/6$
- 3) $3/10$
- 4) $3/5$

Correct Answer: $5/6$

QID : 152 - Sum of four consecutive odd numbers is 208. Find the largest number.

Options:

- 1) 55
- 2) 57
- 3) 59
- 4) 61

Correct Answer: 55

QID : 153 -

If $\frac{-5x}{3} + 2 = x - 6$ then find the value of 'x'.

यदि $\frac{-5x}{3} + 2 = x - 6$ है, तो का 'x' मान ज्ञात करें।

Options:

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

Correct Answer: 3

QID : 154 - Divya and Kriti have total 46 candies. If Divya has 10 candies more than kriti, then find the total number of candies Divya have?

Options:

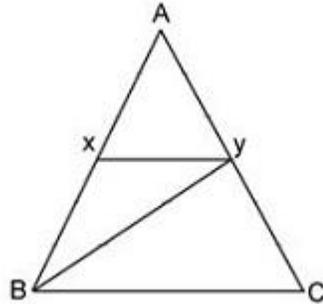
- 1) 20
- 2) 24
- 3) 28
- 4) 32

Correct Answer: 28

QID : 155 -

Triangle ABC as shown in the figure has line XY parallel to the BC and the line BY is the bisector of angle XYZ. Which of the following option is correct?

त्रिभुज ABC, जैसा की चित्र में दिखाया गया है, BC के लिए रेखा XY सामानांतर है और रेखा BY कोण XYZ के द्विभाजक है। निम्न में से कौन सा विकल्प सही है?



Options:

- 1) $BC=XY$
- 2) $BC=YC$
- 3) $BC=BY$
- 4) $XY=BX$

Correct Answer: $BC=YC$

QID : 156 - Analyze the figure shown below in which $DE \parallel BC$ and the other dimensions are as follows: $AD=3$ cm, $BD=4$ cm, $AE=4.4$ cm and $DE=6$ cm. Calculate the length (in cm) of BC.

Options:

- 1) 6
- 2) 8
- 3) 12
- 4) 14

Correct Answer: No Correct Answer (Benefit to all)

QID : 157 - Two numbers are more than the third number by 16.25% and 55% respectively. First number is what percentage of the second number?

Options:

- 1) 85
- 2) 81.5
- 3) 75
- 4) 61.25

Correct Answer: 75

QID : 158 - If $u : v = v : w$, then what is the value of $u^4 : v^4$?

Options:

- 1) $u^2 : wv$
- 2) $u^2 : w^2$
- 3) $u^2 v : w^3$
- 4) $u : w$

Correct Answer: $u^2 : w^2$

QID : 159 - R and S started a business by investing Rs 165000 and Rs 195000 respectively for the same period of time. If R's share in the profit earned by them is Rs 11000, then what is the total profit (in Rs) earned by both of them together?

Options:

- 1) 22000
- 2) 40000
- 3) 26000
- 4) 24000

Correct Answer: 24000

QID : 160 - The average of 12 numbers is 35. If four numbers 20, 27, 15 and 29 are removed then what will be the average of remaining numbers?

Options:

- 1) 41.125
- 2) 49.5
- 3) 52.5
- 4) 38.375

Correct Answer: 41.125

QID : 161 - What is the difference (in Rs) between compound interest (compounded annually) and simple interest for 3 years on a principal of Rs 3000 at the annual rate of 20%?

Options:

- 1) 464
- 2) 384
- 3) 356
- 4) 424

Correct Answer: 384

QID : 162 - A dishonest shopkeeper uses a weight of 850 gm instead of 1 kg and sells rice on its cost price. What will be his profit percentage on selling 5 kg rice?

Options:

- 1) 18.24
- 2) 17.65
- 3) 15
- 4) 13.04

Correct Answer: 17.65

QID : 163 - A fan is sold at a discount of 37.5%. If the marked price of the fan is Rs 7200, then what is the selling price (in Rs) of the fan?

Options:

- 1) 4500
- 2) 4350
- 3) 5240
- 4) 5120

Correct Answer: 4500

QID : 164 -

What is the simplified value of

$$2\sqrt[3]{243} + 3\sqrt[3]{9} - \sqrt[3]{1125} ?$$

$2\sqrt[3]{243} + 3\sqrt[3]{9} - \sqrt[3]{1125}$ का सरलीकृत

मान क्या है?

Options:

- 1)

$$5\sqrt[3]{9}$$

- 2)

$$4\sqrt[3]{9}$$

- 3)

$$7\sqrt[3]{9}$$

4)

$$11\sqrt[3]{9}$$

Correct Answer:

QID : 165 - 24 men can repair a road in 50 days. If they are joined by 16 more men, then in how much time (in days) the road can be repaired?

Options:

- 1) 28
- 2) 25
- 3) 32
- 4) 30

Correct Answer: 30

QID : 166 - Two motorcycles are moving towards each other with the speeds of 38 km/hr and 88 km/hr respectively. One second before the collision what will be the distance (in metres) between the two motorcycles?

Options:

- 1) 42
- 2) 40
- 3) 34
- 4) 35

Correct Answer: 35

QID : 167 -

The bar graph shows 1 month's sales figures of different brands of televisions of a certain electronics store in Rs 1000s. Study the diagram and answer the following questions.

यह बार ग्राफ़ एक विशिष्ट इलेक्ट्रॉनिक्स स्टोर के टेलिविज़न के विभिन्न ब्रांडों के 1 महीने की बिक्री के आंकड़े को हजार रुपयों में दर्शाता है। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों के उत्तर दें।



Sales of which television brand were the second lowest?

Options:

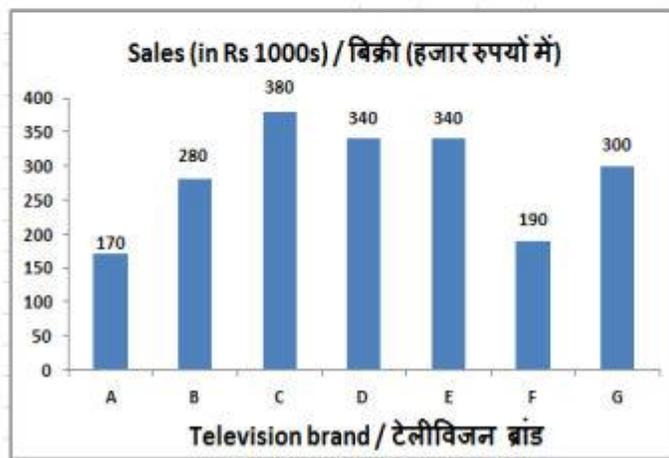
- 1) A
- 2) C
- 3) G
- 4) F

Correct Answer: F

QID : 168 -

The bar graph shows 1 month's sales figures of different brands of televisions of a certain electronics store in Rs 1000s. Study the diagram and answer the following questions.

यह बार ग्राफ़ एक विशिष्ट इलेक्ट्रॉनिक्स स्टोर के टेलिविज़न के विभिन्न ब्रांडों के 1 महीने की बिक्री के आंकड़े को हजार रुपयों में दर्शाता है। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों के उत्तर दें।



What is the ratio of sales of brand E to that of brand A?

Options:

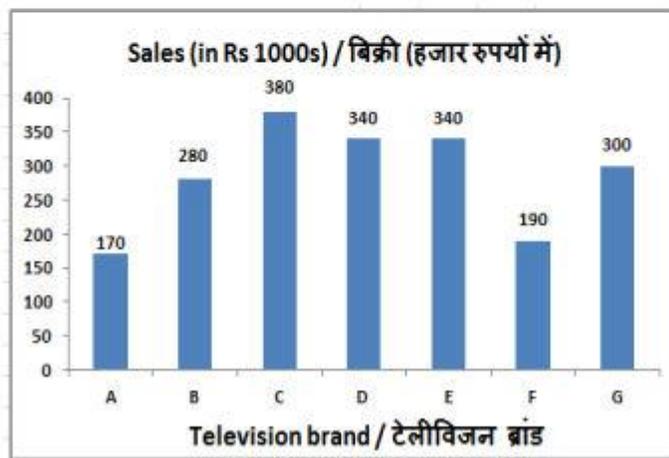
- 1) 1 : 2
- 2) 2 : 1
- 3) 4 : 1
- 4) 1 : 4

Correct Answer: 2 : 1

QID : 169 -

The bar graph shows 1 month's sales figures of different brands of televisions of a certain electronics store in Rs 1000s. Study the diagram and answer the following questions.

यह बार ग्राफ़ एक विशिष्ट इलेक्ट्रॉनिक्स स्टोर के टेलिविज़न के विभिन्न ब्रांडों के 1 महीने की बिक्री के आंकड़े को हजार रुपयों में दर्शाता है। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों के उत्तर दें।



Sales of brand B was lesser than that of brand G by _____.

Options:

- 1) 3.75%
- 2) 6.67%
- 3) 7.14%
- 4) 5.25%

Correct Answer: 6.67%

QID : 170 -

The bar graph shows 1 month's sales figures of different brands of televisions of a certain electronics store in Rs 1000s. Study the diagram and answer the following questions.

यह बार ग्राफ़ एक विशिष्ट इलेक्ट्रॉनिक्स स्टोर के टेलिविज़न के विभिन्न ब्रांडों के 1 महीने की बिक्री के आंकड़े को हजार रुपयों में दर्शाता है। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों के उत्तर दें।



If the sales figures are exclusive of tax then at the rate of 12% tax how much is the tax to be paid (in Rs) on the sales of all the 7 brands of televisions?

Options:

- 1) 240000
- 2) 24000
- 3) 420000
- 4) 42000

Correct Answer: 240000

QID : 171 - The area and the length of one of the diagonals of a rhombus is 60 cm^2 and 8 cm respectively. Find the length of its other diagonal (in cm).

Options:

- 1) 7.5
- 2) 30
- 3) 22.5
- 4) 15

Correct Answer: 15

QID : 172 - Find the area (in cm²) of a semi-circle of radius 7 cm.

Options:

- 1) 154
- 2) 21
- 3) 42
- 4) 77

Correct Answer: 77

QID : 173 - Find the total surface area (in cm²) of a cube of side 3.5 cm.

Options:

- 1) 91.7
- 2) 64
- 3) 88
- 4) 73.5

Correct Answer: 73.5

QID : 174 - What is the value of $(\frac{1}{\sqrt{3}} + \cot 60^\circ)$?

Options:

- 1) $3\sqrt{3}/2$
- 2) $7/2\sqrt{3}$
- 3) $(4+\sqrt{3})/2\sqrt{3}$

4) $2/\sqrt{3}$

Correct Answer: $2/\sqrt{3}$

QID : 175 - ΔABC is right angled at B. If $\cot A = 7/24$, then what is the value of $\operatorname{cosec} C$?

Options:

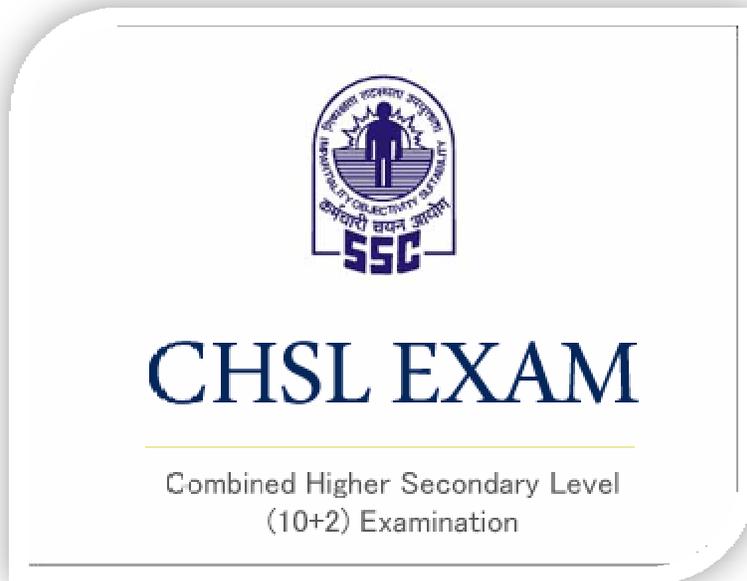
1) $7/25$

2) $25/7$

3) $24/7$

4) $7/24$

Correct Answer: $25/7$



SSC CHSL (Tier - 1) Online Exam Paper - 2017 "held on 14 March 2018"

After Noon Shift (English Language)

QID : 101 - 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'.

The evolutionary history of penguins (1)/ is well-researched and represents a showcase of (2)/ evolution biogeography. (3)/ No error (4)

Options:

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

Correct Answer: 3

QID : 102 - 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'.

It was by real sorrow (1)/ that I heard this morning (2)/ of your great loss. (3)/ No error (4)

Options:

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

Correct Answer: 1

QID : 103 - 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.

Angela was _____ of that big mansion.

Options:

- 1) terrified
- 2) moisturised
- 3) embarrassed
- 4) sweating

Correct Answer: terrified

QID : 104 - 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.

_____ great was achieved by an individual without enthusiasm and interest.

Options:

- 1) Nothing
- 2) Something
- 3) Everything
- 4) Anything

Correct Answer: Nothing

QID : 105 - In the following question, out of the given four alternatives, select the one which best expresses the meaning of the given word.

Jettison

Options:

- 1) Keep
- 2) Eject
- 3) Embrace
- 4) Retain

Correct Answer: Eject

QID : 106 - In the following question, out of the given four alternatives, select the one which best expresses the meaning of the given word.

Prolific

Options:

- 1) Dead
- 2) Productive
- 3) Famous
- 4) Evidence

Correct Answer: Productive

QID : 107 - In the following question, out of the given four alternatives, select the one which is opposite in meaning of the given word.

Purloin

Options:

- 1) Steal
- 2) Filch
- 3) Lift
- 4) Compensate

Correct Answer: Compensate

QID : 108 - In the following question, out of the given four alternatives, select the one which is opposite in meaning of the given word.

Florid

Options:

- 1) Busy
- 2) Plain
- 3) Flowery
- 4) Pretentious

Correct Answer: Plain

QID : 109 - Rearrange the parts of the sentence in correct order.

The economic

P : a country leads to exponential

Q : growth of that country

R : empowerment of women of

Options:

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

Correct Answer: RPQ

QID : 110 - A sentence has been given in Active/Passive Voice. Out of the four given alternatives, select the one which best expresses the same sentence in Passive/Active Voice.

The commotion terrified her.

Options:

- 1) She was terrified.
 - 2) She is terrified of commotion.
 - 3) She terrified by the commotion.
 - 4) She was terrified by the commotion.
- Correct Answer:** She was terrified by the commotion.

QID : 111 - A sentence has been given in Direct/Indirect Speech. Out of the four given alternatives, select the one which best expresses the same sentence in Indirect/Direct Speech.

I said to Ajay, "Will you lend me some money?"

Options:

- 1) I told Ajay to lend me some money.
- 2) I said to Ajay if he would give me some money.

- 3) I asked Ajay if he would lend me some money.
- 4) I asked Ajay if he would give me some money or not.

Correct Answer: I asked Ajay if he would lend me some money.

QID : 112 - In the following question, a word has been written in four different ways out of which only one is correctly spelt. Select the correctly spelt word.

Options:

- 1) Meidieval
- 2) Medieval
- 3) Medeival
- 4) Medievlul

Correct Answer: Medieval

QID : 113 - 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.

It is basic to a democracy that its citizens remain in harmony _____ one another. At the very least, they should _____ treat each other as enemies. Enmity is spread only by vested interests that hope to thrive _____ polarising citizens. The _____ between professed love for the country and infecting the people with hatred remains ignored. There is no instance in history of the policy of 'divide and rule' _____ people's welfare.

remain in harmony _____ one another.

Options:

- 1) to
- 2) at
- 3) each
- 4) with

Correct Answer: with

QID : 114 - 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.

It is basic to a democracy that its citizens remain in harmony _____ one another. At the very least, they should _____ treat each other as enemies. Enmity is spread only by vested interests that hope to thrive _____ polarising citizens. The _____ between professed love for the country and infecting the people with hatred remains ignored. There is no instance in history of the policy of 'divide and rule' _____ people's welfare.

they should _____ treat each other

Options:

- 1) no
- 2) neither

- 3) not
- 4) nor

Correct Answer: not

QID : 115 - 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.

It is basic to a democracy that its citizens remain in harmony _____ one another. At the very least, they should _____ treat each other as enemies. Enmity is spread only by vested interests that hope to thrive _____ polarising citizens. The _____ between professed love for the country and infecting the people with hatred remains ignored. There is no instance in history of the policy of 'divide and rule' _____ people's welfare.

hope to thrive _____ polarising citizens

Options:

- 1) so
- 2) as
- 3) by
- 4) like

Correct Answer: by

QID : 116 - 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.

It is basic to a democracy that its citizens remain in harmony _____ one another. At the very least, they should _____ treat each other as enemies. Enmity is spread only by vested interests that hope to thrive _____ polarising citizens. The _____ between professed love for the country and infecting the people with hatred remains ignored. There is no instance in history of the policy of 'divide and rule' _____ people's welfare.

The _____ between professed love

Options:

- 1) incompatible
- 2) in compatibility
- 3) in compatible
- 4) incompatibility

Correct Answer: incompatibility

QID : 117 - 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.

It is basic to a democracy that its citizens remain in harmony _____ one another. At the very least, they should _____ treat each other as enemies. Enmity is spread only by vested interests that hope to thrive _____ polarising citizens. The _____ between professed love for the country and infecting the people with hatred remains ignored. There is no instance in history of the policy of 'divide and rule' _____ people's welfare.

'divide and rule' _____ people's welfare.

Options:

- 1) promote
- 2) promotion
- 3) promoted
- 4) promoting

Correct Answer: promoting

QID : 118 - In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.

Blessing in disguise

Options:

- 1) Good fortune always follows bad; that is the way of fate.
- 2) An apparent misfortune that eventually has good results.
- 3) If a curse makes one stronger than it is a blessing.
- 4) A life of hardship does wonders for a person's character.

Correct Answer: An apparent misfortune that eventually has good results.

QID : 119 - In the following question, out of the four alternatives, select the alternative which best expresses the meaning of the idiom/phrase.

A picture paints a thousand words

Options:

- 1) An image of a subject conveys its meaning more effectively than a description does.
- 2) No words can do justice to a masterpiece.
- 3) A great poem or script recreates a complete imagery.
- 4) Your mind will create fanciful images based on the information that it gets.

Correct Answer: An image of a subject conveys its meaning more effectively than a description does.

Candidate Answer: An image of a subject conveys its meaning more effectively than a description does.

QID : 120 - In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence.

Working-class people regarded collectively

Options:

- 1) Opulent
- 2) Proletariat
- 3) Gilded
- 4) Affluent

Correct Answer: Proletariat

QID : 121 - In the following question, out of the four alternatives, select the alternative which is the best substitute of the words/sentence.

A long, angry speech of criticism or accusation

Options:

- 1) Obeisance
- 2) Panegyric
- 3) Homage
- 4) Tirade

Correct Answer: Tirade

QID : 122 - In the following question, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select "no improvement".

The Buddha (was consumed) by the human suffering that he saw all around him.

Options:

- 1) was consume
- 2) was consuming
- 3) were consumed
- 4) no improvement

Correct Answer: no improvement

QID : 123 - In the following question, out of the four alternatives, select the alternative which will improve the bracketed part of the sentence. In case no improvement is needed, select "no improvement".

This unresponsive attitude by people must (has hurt) him.

Options:

- 1) have hurt
- 2) have hurting
- 3) have has hurt
- 4) no improvement

Correct Answer: have hurt

QID : 124 - 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.

Rest assured that water

A-stop plunging if there are too

B-many people around

C-in the Nohkhalikai falls will not

Options:

1) BCA

2) CAB

3) BAC

4) ACB

Correct Answer: CAB

QID : 125 - In the following question, four words are given out of which one word is correctly spelt. Select the correctly spelt word.

Options:

1) scrupulus

2) scruppulous

3) scruppulus

4) scrupulous

Correct Answer: scrupulous