

SSC CGL 2017 EXAM PAPER : Held on 12-AUG-2017
Shift-1
(Reasoning)

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

Mathematics : Formulas :: Chemistry : ?

Options:

- 1) Reactions
- 2) Organisms
- 3) Theorems
- 4) Gravity

Correct Answer: Reactions

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

YONEX : DUUMG :: JASPO : ?

Options:

- 1) OGZXX
- 2) OXXZF
- 3) OZTY Y
- 4) OZXXG

Correct Answer: OGZXX

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

49 : 169 :: 66 : ?

Options:

- 1) 126
- 2) 132
- 3) 144
- 4) 162

Correct Answer: 144

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

Options:

- 1) Mobile
- 2) Computer
- 3) Fountain Pen
- 4) Television

Correct Answer: Fountain Pen

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

Options:

- 1) BN – P
- 2) GI – R
- 3) LM – Y
- 4) TA – U

Correct Answer: GI – R

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

Options:

- 1) (143, 64)
- 2) (232, 49)
- 3) (719, 289)
- 4) (462, 169)

Correct Answer: (462, 169)

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

1. Exacts
2. Exotic
3. Exactly

- 4. Exacerbate
- 5. Exhaust

Options:

- 1) 43152
- 2) 43251
- 3) 53421
- 4) 54312

Correct Answer: 43152

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

FK27, LQ64, RW125, ?

Options:

- 1) CX216
- 2) XB216
- 3) XC216
- 4) YB343

Correct Answer: XC216

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

19, 11, 13, 16, 15, 17, 13, 19, 21, ?

Options:

- 1) 10
- 2) 11
- 3) 12
- 4) 15

Correct Answer: 10

QID : 10 - Punit starting from point R walked straight 10 km west, then turned right and walked 12 km and again turned right and walked straight 7 km. In which direction is he from point R?

Options:

- 1) North-East
- 2) North-West

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- 3) South-East
- 4) South-West

Correct Answer: North-West

QID : 11 - Ratio of present ages of P and Q is 9 : 4. The difference between their ages is 20 years. What will be the sum (in years) of their ages after 10 years?

Options:

- 1) 62
- 2) 66
- 3) 72
- 4) 76

Correct Answer: 72

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.

REASONABLE

Options:

- 1) EASE
- 2) NOBLE
- 3) SEASON
- 4) SOLAR

Correct Answer: SEASON

QID : 13 - In a certain code language, "PUNISHED" is written as "288" and "TAILOR" is written as "225". How is "RELEASED" written in that code language?

Options:

- 1) 207
- 2) 237
- 3) 225
- 4) 243

Correct Answer: 207

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

15 _ 3 _ 4 _ 20

Options:

- 1) \times , \div and $>$
- 2) \div , \times and $<$
- 3) \div , \times and $=$
- 4) $+$, \times and $=$

Correct Answer: \div , \times and $=$

QID : 15 - If $19 \$ 7 = 312$ and $23 \$ 9 = 448$, then

$31 \$ 11 = ?$

Options:

- 1) 231
- 2) 441
- 3) 641
- 4) 840

Correct Answer: 840

QID : 16 -

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

निम्नलिखित प्रश्न में दिए गए विकल्पों में से प्रश्न चिह्न (?) के स्थान पर आने वाली संख्या को चुनिए।

3	2	625
5	3	4096
4	2	?

Options:

- 1) 216
- 2) 1024
- 3) 1296

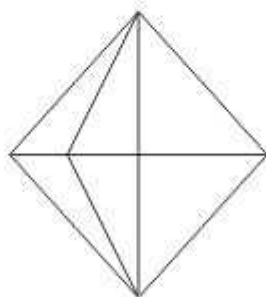
4) 2024

Correct Answer: 1296

QID : 17 -

How many triangles are there in the given figure?

दी गई आकृति में कितने त्रिभुज हैं?



Options:

1) 12

2) 13

3) 15

4) 18

Correct Answer: 15

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. All stars twinkle.
- II. All satellites twinkle.

Conclusions:

- I. Some stars are satellites.
- II. Some stars twinkle.

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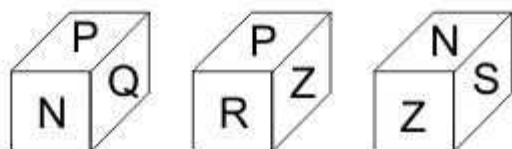
- 1) Only conclusion (I) follows.
- 2) Only conclusion (II) follows.
- 3) Neither conclusion (I) nor conclusion (II) follows.
- 4) Both conclusions follow.

Correct Answer: Only conclusion (II) follows.

QID : 19 -

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

नीचे एक घन की तीन अवस्थाएँ दर्शायी गयी हैं। अक्षर 'N' के विपरीत फलक पर कौन सा अक्षर आयेगा?



Options:

- 1) P
- 2) Q
- 3) S
- 4) Z

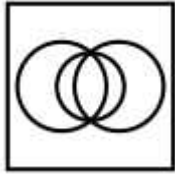
Correct Answer: Z

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

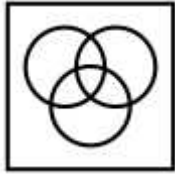
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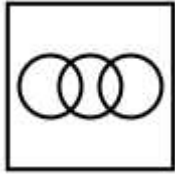
- 1)



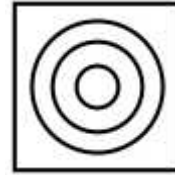
2)



3)



4)

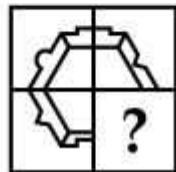


Correct Answer:

QID : 21 -

Which answer figure will complete the pattern in the question figure?

कौन सी उत्तर आकृति प्रश्न आकृति के प्रतिरूप को पूरा करेगी?



Options:

1)



2)



3)



4)

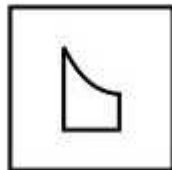


Correct Answer:

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।



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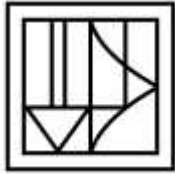
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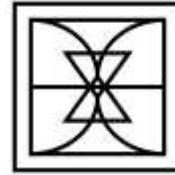
2)



3)



4)

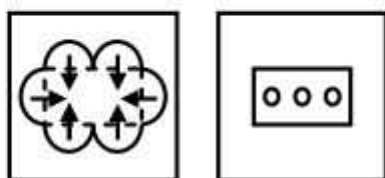


Correct Answer:

QID : 23 -

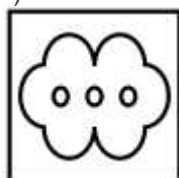
A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?

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

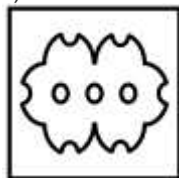


Options:

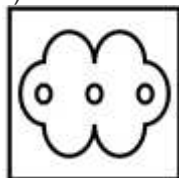
1)



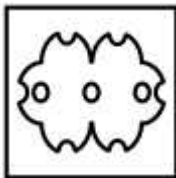
2)



3)



4)

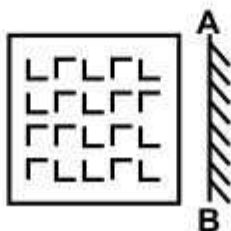


Correct Answer:

QID : 24 -

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

यदि एक दर्पण को AB रेखा पर रखा जाए, तो दी गई उत्तर आकृतियों में से कौन सी आकृति प्रश्न आकृति की सही प्रतिबिम्ब होगी?

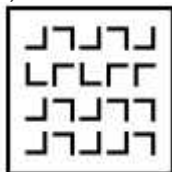


Options:

1)

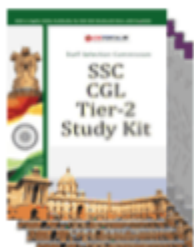


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Correct Answer:

QID : 25 -

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, 'L' can be represented by 22, 43, etc., and 'K' can be represented by 75, 97, etc. Similarly, you have to identify the set for the word "PACK".

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 नीचे दिए गए दो आव्यूहों में है। आव्यूह-I के स्तम्भ और पंक्ति की संख्या 0 से 4 दी गई है, और आव्यूह-II की 5 से 9। इन आव्यूहों से एक अक्षर को पहले उसकी पंक्ति और बाद में स्तम्भ संख्या द्वारा दर्शाया गया है। उदाहरण के लिए 'L' को 22, 43, आदि द्वारा दर्शाया जा सकता है तथा 'K' को 75, 97, आदि द्वारा दर्शाया जा सकता है। इसी तरह से आपको प्रश्न में दिए गए शब्द "PACK" के लिए समूह को पहचानना है।

Matrix-I
आव्यूह-I

	0	1	2	3	4
0	C	L	A	Z	R
1	A	Z	C	R	L
2	Z	R	L	A	C
3	L	A	R	C	Z
4	R	C	Z	L	A

Matrix-II
आव्यूह-II

	5	6	7	8	9
5	S	K	T	P	V
6	T	S	V	K	P
7	K	V	P	S	T
8	P	T	S	V	K
9	V	P	K	T	S

Options:

1) 69, 02, 12, 65

2) 58, 23, 24, 76

3) 77, 31, 34, 68

4) 96, 44, 41, 97

Correct Answer: 96, 44, 41, 97



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