

**SSC CPO Exam Paper - 2017 "held on 03 July 2017"
Shift-1
(Reasoning)**

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

Smoke : Pollution :: Fire : ?

Options:

- 1) Death
- 2) Sound
- 3) Ash
- 4) Cold

Correct Answer: Ash

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

Players : Team :: ? : ?

Options:

- 1) Car : Group
- 2) Ship : Fleet
- 3) Airplane : Flight

4) Pen : Heap

Correct Answer: Ship : Fleet

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

GLOR : FJLN :: TWQK : ?

Options:

1) SUNG

2) SUMG

3) SUGN

4) SUGM

Correct Answer: SUNG

QID : 4 - In the following question, select the related letters from the given alternatives

GHI : DFH :: LMN : ?

Options:

1) IMK

2) JLM

3) ILM

4) IKM

Correct Answer: IKM

QID : 5 - In the following question, select the related number from the given alternatives.

8 : 512 :: 6 :

Options:

1) 216

2) 312

3) 408

4) 512

Correct Answer: 216

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

122 : 145 :: 226 : ?

Options:

1) 255

2) 256

3) 257

4) 259

Correct Answer: 257

QID : 7 - In the following question, select the odd word from the given alternatives.

Options:

1) Skin

2) Lungs

3) Heart

4) Kidneys

Correct Answer: Skin

QID : 8 - In the following question, select the odd word pair from the given alternatives.

Options:

1) Ink : Inkpot

2) Bottle : Wine

3) Tea : Cup

4) Water : Jug

Correct Answer: Bottle : Wine

QID : 9 - In the following question, select the odd letters from the given alternatives.

Options:

1) GJM

2) PSV

3) MPR

4) KNQ

Correct Answer: MPR

QID : 10 - In the following question, select the odd letters from the given alternatives.

Options:

1) MT

2) CJ

3) SZ

4) FN

Correct Answer: FN

QID : 11 - In the following question, select the odd number pair from the given alternatives.

Options:

1) 11 – 44

2) 12 – 72

3) 13 – 52

4) 14 – 48

Correct Answer: 14 – 48

QID : 12 - In the following question, select the odd number pair from the given alternatives.

Options:

1) 5 – 30

2) 12 – 84

3) 11 – 66

4) 8 – 48

Correct Answer: 12 – 84

QID : 13 - Arrange the given words in the sequence in which they occur in the dictionary.

1. Rangle

2. Regal

3. Royal

4. Room

5. Rested

Options:

1) 15432

2) 45312

3) 12543

4) 13542

Correct Answer: 12543

QID : 14 - Arrange the given words in the sequence in which they occur in the dictionary.

1. Soul
2. Strain
3. Syrup
4. Sand
5. Strained

Options:

1) 41253

2) 42153

3) 54312

4) 45312

Correct Answer: 41253

QID : 15 - A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

GD, DI, AP, XY, ?

Options:

1) UH

2) IU

3) ST

4) UJ

Correct Answer: UJ

QID : 16 - A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

WVU, TSR, QPO, ?

Options:

1) NML

2) LMN

3) LMK

4) KLM

Correct Answer: NML

QID : 17 - In the following question, select the missing number from the given series.

1, 1, 3, 4, 5, 9, 7, 16, 9, 25, 11, ?

Options:

1) 17

2) 36

3) 49

4) 37

Correct Answer: 36

QID : 18 - In the following question, select the missing number from the given series.

?, 5, 15, 45, 113

Options:

1) 1

2) 2

3) 3

4) 4

Correct Answer: 3

QID : 19 - 6 people are sitting in a row. A is sitting towards immediate left of B and immediate right of C. C is sitting to immediate right of F. D is immediate right of E who is to the left of F, then which two people are sitting in the center?

Options:

1) D and B

2) A and B

3) F and C

4) E and D

Correct Answer: F and C

QID : 20 - Sunil's position from the left in a row of boys is 20th and Deepak's position from the right is 36th. After interchanging their position, Sunil becomes 28th from the left. How many boys are there in the row?

Options:

1) 52

2) 63

3) 59

4) 48

Correct Answer: 63

QID : 21 - Vikram started from point R and walked straight 7 km west, then turned left and walked 2 km and again turned left and walked straight 4 km. In which direction is he from R?

Options:

1) North-East

2) South-West

3) South-East

4) North-West

Correct Answer: South-West

QID : 22 - In the following question, select the word which cannot be formed using the letters of the given word.

Liberation

Options:

1) Ratio

2) Aion

3) Bear

4) Liberal

Correct Answer: Liberal

QID : 23 - In the following question, select the word which cannot be formed using the letters of the given word.

Deliberate

Options:

1) Dilate

2) Tail

3) Betray

4) Elated

Correct Answer: Betray

QID : 24 - In a certain code language, "SATURN" is written as "JVQXWW" and "URANUS" is written as "OYJENY". How is "JUITER" written in that code language?

Options:

1) NIPMQN

2) NIPMYF

3) NQMPIN

4) FYLMPI

Correct Answer: NIPMQN

QID : 25 - In a certain code language, "CAGES" is written as "NADYB" and "SILVER" is written as "LZRIGR". How is "WATER" written in that code language?

Options:

1) MAQYV

2) SGWEB

3) QCPVR

4) VYQAM

Correct Answer: MAQYV

QID : 26 - If "B" denotes "multiplied by", "C" denotes "subtracted from", "A" denotes "added to" and "D" denotes "divided by", then which of the following equation is true?

Options:

1) $24 \text{ D } 12 \text{ B } 3 \text{ A } 12 = 18$

2) $36 \text{ D } 6 \text{ B } 3 \text{ A } 2 = 74$

3) $42 \text{ A } 7 \text{ B } 2 \text{ D } 2 = 35$

4) $56 \text{ D } 14 \text{ B } 2 \text{ C } 4 = 12$

Correct Answer: $24 \text{ D } 12 \text{ B } 3 \text{ A } 12 = 18$

QID : 27 - If "-" denotes "divided by", "+" denotes "subtracted from", "×" denotes "added to" and "÷" denotes "multiplied by", then

$4 \div 16 \times 5 + 4 - 2 = ?$

Options:

- 1) 2
- 2) 43
- 3) 22
- 4) 67

Correct Answer: 67

QID : 28 - If $38 \# 49 = 24$ and $96 \# 51 = 21$, then $87 \# 78 = ?$

Options:

- 1) 26
- 2) 21
- 3) 28
- 4) 30

Correct Answer: 30

QID : 29 - If $27 * 4 = 77$ and $31 * 9 = 239$, then $21 * 6 = ?$

Options:

- 1) 94
- 2) 107
- 3) 99
- 4) 106

Correct Answer: 99

QID : 30 -

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

12	3
4	2

8	4
1	9

8	6
3	?

Options:

1) 1

2) 2

3) 4

4) 12

Correct Answer: 2

QID : 31 -

Options:

1) 12

2) 24

3) 26

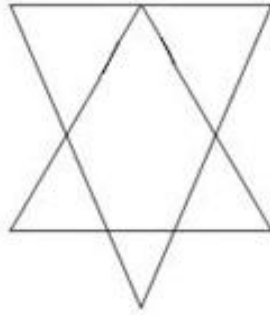
4) 29

Correct Answer: 29

QID : 32 -

How many triangles are there in the given figure?

दी गई आकृति में कितने त्रिभुज हैं?



Options:

1) 6

2) 7

3) 8

4) 10

Correct Answer: 7

QID : 33 -

Options:

1) 10

2) 11

3) 12

4) 14

Correct Answer: 11

QID : 34 - In each of 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. No cups are plate.
- II. All plates are spoons.

Conclusions:

- I. Some cups are spoons.
- II. Some spoons are plates.
- III. Some plates are spoons.

Options:

- 1) Only conclusion (II) follows
- 2) Only conclusion (III) follows
- 3) Only conclusion (I) and (III) follow
- 4) Only conclusion (II) and (III) follow

Correct Answer: Only conclusion (II) and (III) follow

QID : 35 - In each of 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 men are hardworking.
- II. No advocate is hardworking.
- III. Some beautiful are men.

Conclusions:

- I. Some beautiful are hardworking.
- II. Some advocates are not beautiful.
- III. Some beautiful are not advocate.

Options:

- 1) Only conclusion (III) follow
- 2) Only conclusion (I) and (III) follow
- 3) Only conclusion (II) and (III) follow

4) Only conclusion (I) and (II) follow

Correct Answer: Only conclusion (I) and (III) follow

QID : 36 -

Options:

1) 4 or 5

2) 5

3) 4

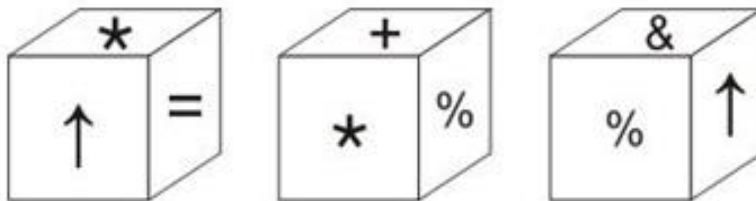
4) 3

Correct Answer: 5

QID : 37 -

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

नीचे एक घन की तीन अवस्थाएँ दर्शायी गयी हैं। '*' युक्त फलक के विपरीत क्या आयेगा?



Options:

1) ↑

2) %

3) +

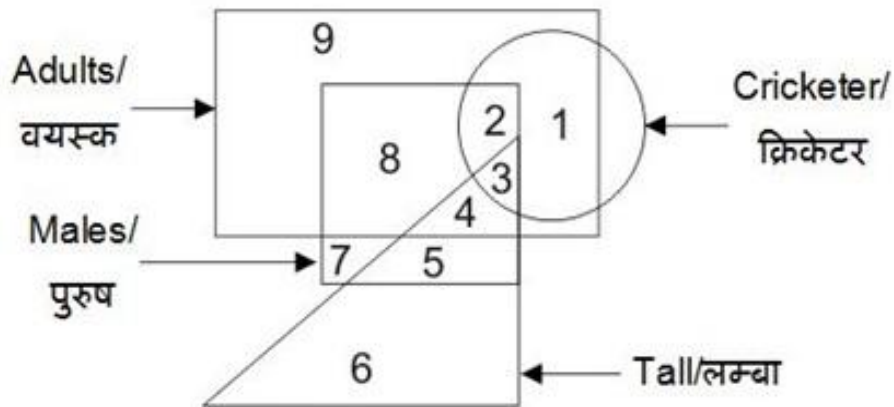
4) &

Correct Answer: &

QID : 38 -

In the given figure, which number represents male cricketers who are adults but are not tall?

दी गई आकृति में, कौन सा अंक ऐसे पुरुष क्रिकेटर जो वयस्क हैं लेकिन लम्बे नहीं हैं, को दर्शाता है?



Options:

1) 3

2) 2

3) 8

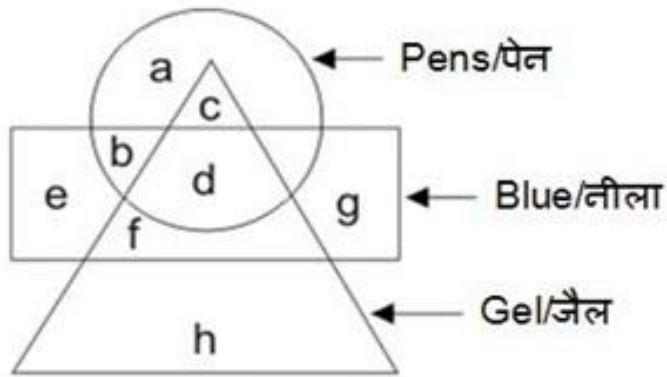
4) 4

Correct Answer: 2

QID : 39 -

In the given figure, which alphabet represents gel pens which are not blue?

दी गई आकृति में, कौन सा अक्षर ऐसे जैल पेन जो नीले नहीं हैं, को दर्शाता है?



Options:

1) c

2) d

3) h

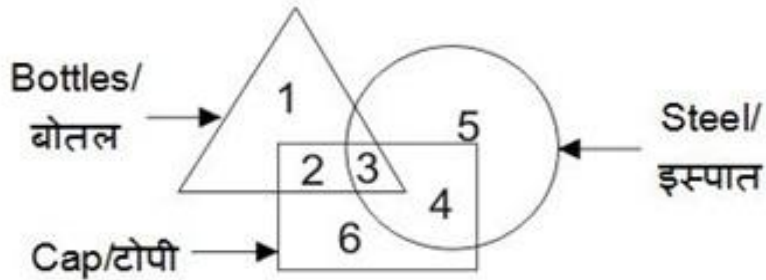
4) b

Correct Answer: c

QID : 40 -

In the given figure, which number represents steel bottles which are caps?

दी गई आकृति में, कौन सा अंक ऐसी इस्पात बोटलें जो टोपियाँ हैं, को दर्शाता है?



Options:

1) 2

2) 4

3) 3

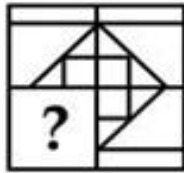
4) 6

Correct Answer: 3

QID : 41 -

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

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



Options:

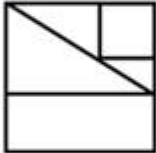
1)



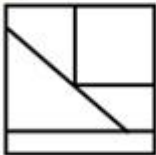
2)



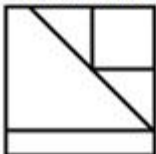
3)



4)



Correct Answer:



QID : 42 -

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)



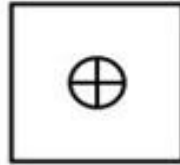
Correct Answer:



QID : 43 -

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।

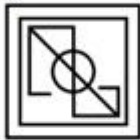


Options:

1)



2)



3)



4)



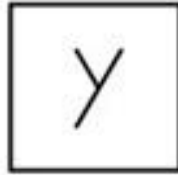
Correct Answer:



QID : 44 -

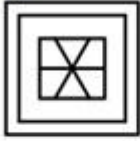
From the given answer figures, select the one in which the question figure is hidden/embedded.

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

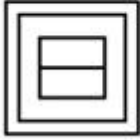


Options:

1)



2)



3)



4)



Correct Answer:



QID : 45 -

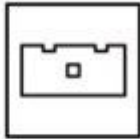
A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?

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

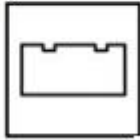


Options:

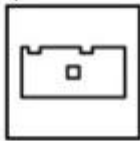
1)



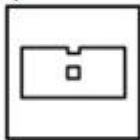
2)



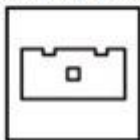
3)



4)



Correct Answer



QID : 46 -

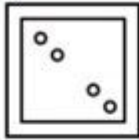
A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?

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

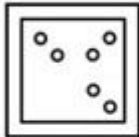


Options:

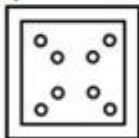
1)



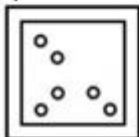
2)



3)



4)

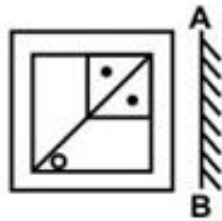


Correct Answer: [No Correct Answer]

QID : 47 -

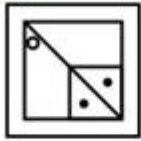
If a mirror is placed on the line AB, then which of the answer figures is the right image of the given figure?

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?

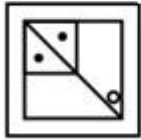


Options:

1)



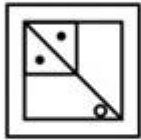
2)



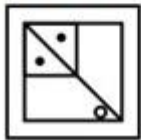
3)



4)



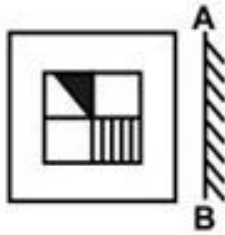
Correct Answer:



QID : 48 -

If a mirror is placed on the line AB, then which of the answer figures 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?

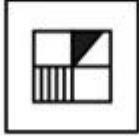


Options:

1)



2)



3)



4)



Correct Answer:



QID : 49 -

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, 'D' can be represented by 11, 42, etc., and 'I' can be represented by 68, 99, etc. Similarly, you have to identify the set for the word "NOSE".

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 है और आव्यूह-II की 5 से 9। इन आव्यूहों से एक अक्षर को पहले उसकी पंक्ति और बाद में स्तम्भ संख्या द्वारा दर्शाया जा सकता है। उदाहरण के लिए 'D' को 11, 42, आदि द्वारा दर्शाया जा सकता है तथा 'I' को 68, 99, आदि द्वारा दर्शाया जा सकता है। इसी तरह से आपको प्रश्न में दिए शब्द "NOSE" के लिए समूह को पहचानना है।

Matrix-I
आव्यूह-I

	0	1	2	3	4
0	L	A	N	O	D
1	O	D	L	A	N
2	A	N	O	D	L
3	D	L	A	N	O
4	N	O	D	L	A

Matrix-II
आव्यूह-II

	5	6	7	8	9
5	E	I	C	P	S
6	P	S	E	I	C
7	I	C	P	S	E
8	S	E	I	C	P
9	C	P	S	E	I

Options:

- 1) 21, 10, 78, 98
- 2) 13, 22, 66, 56
- 3) 02, 34, 59, 68
- 4) 41, 42, 85, 86

Correct Answer: 21, 10, 78, 98

QID : 50 -

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, 'S' can be represented by 10, 34, etc., and 'Y' can be represented by 57, 95, etc. Similarly, you have to identify the set for the word "PARK".

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 है और आव्यूह-II की 5 से 9। इन आव्यूहों से एक अक्षर को पहले उसकी पंक्ति और बाद में स्तम्भ संख्या द्वारा दर्शाया जा सकता है। उदाहरण के लिए 'S' को 10, 34, आदि द्वारा दर्शाया जा सकता है तथा 'Y' को 57, 95, आदि द्वारा दर्शाया जा सकता है। इसी तरह से आपको प्रश्न में दिए शब्द "PARK" के लिए समूह को पहचानना है।

Matrix-I
आव्यूह-I

	0	1	2	3	4
0	P	T	A	S	E
1	S	E	P	T	A
2	T	A	S	E	P
3	E	P	T	A	S
4	A	S	E	P	T

Matrix-II
आव्यूह-II

	5	6	7	8	9
5	K	I	Y	C	R
6	C	R	K	I	Y
7	I	Y	C	R	K
8	R	K	I	Y	C
9	Y	C	R	K	I

Options:

- 1) 13, 14, 85, 55
- 2) 31, 02, 78, 98
- 3) 23, 22, 66, 67
- 4) 00, 40, 59, 78

Correct Answer: 31, 02, 78, 98