



(Paper) SSC Junior Engineers (JE) Exam - 2016 "held on 02 March 2017" Afternoon Shift (General Intelligence & Reasoning)

QID : 301 - Select the related word/letters/number from the given alternatives.

Red : Colour :: French : ?

Options:

- 1) foreign
- 2) language
- 3) European
- 4) Country

Correct Answer: language

QID : 302 - Select the related word/letters/number from the given alternatives.

Chips : Potatoes :: Soda : ?

Options:

- 1) Fizz
- 2) Bottle
- 3) Lemon
- 4) Water

Correct Answer: Water

QID : 303 - Select the related word/letters/number from the given alternatives.

Quadrilateral : Four :: ?

Options:

- 1) Cylinder : Circle
- 2) Cube : Square
- 3) Triangle : 180
- 4) Hexagon : Six

Correct Answer: Hexagon : Six

QID : 304 - Select the related word/letters/number from the given alternatives.

FGI : HIK :: STV : ?

Options:

- 1) UVW
- 2) VWY
- 3) XYZ
- 4) UVX

Correct Answer: UVX

QID : 305 - Select the related word/letters/number from the given alternatives.

Dream : Area :: Frame : ?

Options:

- 1) Farmer
- 2) Ear
- 3) Fare
- 4) Freer

Correct Answer: Fare

QID : 306 - Select the related word/letters/number from the given alternatives.

Brine : Inert :: Beware : ?

Options:

- 1) Arenas
- 2) Declare
- 3) Spare
- 4) Area

Correct Answer: Arenas

QID : 307 - Select the related word/letters/number from the given alternatives.

169 : 13 :: 225 : ?

Options:

- 1) 22
- 2) 25
- 3) 20
- 4) 15

Correct Answer: 15

QID : 308 - Select the related word/letters/number from the given alternatives.

159 : 840 :: 345 : ?

Options:

- 1) 654
- 2) 765
- 3) 876
- 4) 987

Correct Answer: 654

QID : 309 - Select the related word/letters/number from the given alternatives.

761 : 928 :: 651 : ?

Options:

- 1) 765
- 2) 753
- 3) 807
- 4) 951

Correct Answer: 807

QID : 310 - Select the odd word/letters/number/word pair/number pair from the given alternatives.

Options:

- 1) kilometres
- 2) feet
- 3) grams
- 4) micrometers

Correct Answer: grams

QID : 311 - Select the odd word/letters/number/word pair/number pair from the given alternatives.

Options:

- 1) pros and cons
- 2) dead or alive
- 3) null and void
- 4) sooner or later

Correct Answer: null and void

QID : 312 - Select the odd word/letters/number/word pair/number pair from the given alternatives.

Options:

- 1) Crayon and Marker
- 2) Pen and Eraser
- 3) Book and Diary
- 4) Pen and Marker

Correct Answer: Book and Diary

QID : 313 - Select the odd word/letters/number/word pair/number pair from the given alternatives.

Options:

- 1) OU
- 2) YC
- 3) IA
- 4) EO

Correct Answer: YC

QID : 314 - Select the odd word/letters/number/word pair/number pair from the given alternatives.

Options:

- 1) Cuisine
- 2) Business
- 3) Disinterested
- 4) Noisiness

Correct Answer: Business

QID : 315 - Select the odd word/letters/number/word pair/number pair from the given alternatives.

Options:

- 1) DRGK
- 2) WMUI
- 3) OHAU
- 4) XHTV

Correct Answer: DRGK

QID : 316 - Select the odd word/letters/number/word pair/number pair from the given alternatives.

Options:

- 1) 7531
- 2) 2468
- 3) 9753
- 4) 8642

Correct Answer: 2468

QID : 317 - Select the odd word/letters/number/word pair/number pair from the given alternatives.

Options:

- 1) 15
- 2) 25
- 3) 53
- 4) 45

Correct Answer: 53

QID : 318 - Select the odd word/letters/number/word pair/number pair from the given alternatives.

Options:

- 1) 108, 132
- 2) 114, 156
- 3) 136, 152
- 4) 120, 138

Correct Answer: 136, 152

QID : 319 - In the given series one word/one term/one number is missing. Select the correct alternative from the given ones that will complete the series.

Cremation, Accolade, Maestro, Chrome, ?

Options:

- 1) Very
- 2) Zebra
- 3) Virtual
- 4) Time

Correct Answer: Zebra

QID : 320 - In the given series one word/one term/one number is missing. Select the correct alternative from the given ones that will complete the series.

Toxic, Icon, Onto, Tomorrow, ?

Options:

- 1) Owl
- 2) Wet
- 3) Rat
- 4) Borrow

Correct Answer: Owl

QID : 321 - In the given series one word/one term/one number is missing. Select the correct alternative from the given ones that will complete the series.

age, dire, genre, stumpy, ?

Options:

- 1) splayed
- 2) secretes
- 3) preacher
- 4) shooed

Correct Answer: splayed

QID : 322 - In the given series one word/one term/one number is missing. Select the correct alternative from the given ones that will complete the series.

L, J, H, F, ?

Options:

- 1) E
- 2) G
- 3) D
- 4) I

Correct Answer: D

QID : 323 - In the given series one word/one term/one number is missing. Select the correct alternative from the given ones that will complete the series.

eca, fdb, gec, hfd, ?

Options:

- 1) ige
- 2) ieg
- 3) gei
- 4) egi

Correct Answer: ige

QID : 324 - In the given series one word/one term/one number is missing. Select the correct alternative from the given ones that will complete the series.

XXXXOXO, XXXXOOX, XXXXOOX, XXXOXOX, ?

Options:

- 1) XXXOXX
- 2) XXXXOXO
- 3) XXXXOOX
- 4) XXOXXOX

Correct Answer: XXOXXOX

QID : 325 - In the given series one word/one term/one number is missing. Select the correct alternative from the given ones that will complete the series.

-2, 1, 5, ?, 16

Options:

- 1) 9

- 2) 10
- 3) 11
- 4) 13

Correct Answer: 10

QID : 326 - In the given series one word/one term/one number is missing. Select the correct alternative from the given ones that will complete the series.

-10/3, ?, -2/3, 2/3, 2

Options:

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

Correct Answer: -2

QID : 327 - In the given series one word/one term/one number is missing. Select the correct alternative from the given ones that will complete the series.

23, 29, ?, 37, 41

Options:

- 1) 30
- 2) 33
- 3) 31
- 4) 35

Correct Answer: 31

QID : 328 - If $a < b$, $d > c$ and $a < d$, which of the following is true?

- I. $b < c$
- II. $c > a$

Options:

- 1) Only I
- 2) Neither I nor II
- 3) Only II
- 4) Both I and II

Correct Answer: Neither I nor II

QID : 329 - The weights of five boxes are 10, 30, 40, 70 & 70 kilograms. Which of the following cannot be the total weight (in kilograms) of any combination of these boxes?

Options:

- 1) 190
- 2) 180
- 3) 210
- 4) 200

Correct Answer: 200

QID : 330 - If the letters Q, B, T, A, U, E & N are numbered 1, 2, 3, 4, 5, 6 & 7 respectively. Select that combination of numbers so that letters arranged accordingly, form a meaningful word.

Options:

- 1) 5617312
- 2) 5447134
- 3) 2471563
- 4) 3242637

Correct Answer: 2471563

QID : 331 - If PROXIMAL is coded as KILCRNZO, then how will WHY be coded as?

Options:

- 1) DSB
- 2) EDC
- 3) CDE
- 4) BNM

Correct Answer: DSB

QID : 332 - In a certain code language, 531 means 'boy is shy', 346 means 'girl is bold', 256 means 'shy or bold'. Find the code for 'or'.

Options:

- 1) 1
- 2) 2

- 3) 3
4) 5

Correct Answer: 2

QID : 333 - In a certain code language, '+' represents 'x', '-' represents '+', 'x' represents '÷' and '÷' represents '-'. Find out the answer to the following question.

$$0.1 + 500 - 240 \times 6 = ?$$

Options:

- 1) 90
2) 10
3) 1.25
4) 108

Correct Answer: 90

QID : 334 - If A @ B means A is father of B, A # B means A is sister of B and A ! B means A is son of B, then what does E @ F ! G # H mean, if H is a male?

Options:

- 1) H is brother of E
2) H is father of E
3) H is son of E
4) H is E's wife's brother

Correct Answer: H is E's wife's brother

QID : 335 - If $45@23 = 14$, $76@22 = 17$, then find the value of $55@10 = ?$

Options:

- 1) 8
2) 11
3) 15
4) 5

Correct Answer: 11

QID : 336 - Which of the following words follow the trend of the given list?

Zonal, Tzars, Wizen, Seize, Waltz, ?

Options:

- 1) Unitize
2) Ablaze
3) Azure
4) Sanza

Correct Answer: Unitize

QID : 337 - Which of the following terms follows the trend of the given list?

ABC, BCAB, CABCA, _____.

Options:

- 1) BCABCA
2) CAB CAB
3) ABCCBA
4) ABCABC

Correct Answer: ABCABC

QID : 338 - A girl walks 3 km East starting from her home. She then turns South and walks 2 km, then she turns West and walks 7 km, then she turns to her right and walks 2 km. Where is she now from her starting position?

Options:

- 1) 10 km to the West from her home.
2) 4 km to the East from her home.
3) 10 km to the East from her home.
4) 4 km to the West from her home.

Correct Answer: 4 km to the West from her home.

QID : 339 - A is standing 6 m to the East of B. A walks 9 m South, then turns to his right and walks 7 m. At the same time, B has walked 3 m West, then he turned South and walked 9 m, then he turned to his left and walked 5 m. Where is B now with respect to the position of A?

Options:

- 1) B is 12 m to the East of A
2) B is 3 m to the West of A

- 3) B is 3 m to the East of A
 4) B is 12 m to the West of A

Correct Answer: B is 3 m to the East of A

QID : 340 - 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 mentioned statements.

Statement 1: All huts are made of mud.

Statement 2: Things made of mud are not b.

Conclusion I: All huts are b.

Conclusion II: Mud huts are not b.

Options:

- 1) Only conclusion I follows
 2) Either I or II follows
 3) Neither I nor II follows
 4) Only conclusion II follows

Correct Answer: Only conclusion II follows

QID : 341 - In the question a statement is given, followed by two arguments, I and II. You have to consider the statement to be true even if it seems to be at variance from commonly known facts. You have to decide which of the given arguments, if any, is a b argument.

Statement : Should teachers be permitted to cane unruly children?

Argument I : No, this will teach them that physical violence is an acceptable means of social behaviour.

Argument II : Yes, children taught in a strict atmosphere are more successful.

Options:

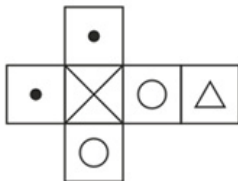
- 1) only argument II is b
 2) neither argument I nor II is b
 3) both argument I and II are b
 4) only argument I is b

Correct Answer: only argument I is b

QID : 342 -

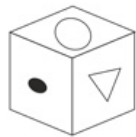
Which of the following cube in the answer figure cannot be made based on the unfolded cube in the question figure?

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)



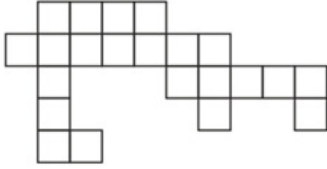
Correct Answer:



QID : 343 -

Which of the following answer figure patterns can be combined to make the question figure?

निम्नलिखित उत्तर आकृति में से कौन से प्रतिरूपों को जोड़कर दिए गए प्रश्न आकृति को बनाया जा सकता है?



Options:

1)



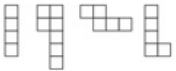
2)



3)



4)



Correct Answer:



QID : 344 - Which of the following diagrams represent the relationship between Engineers, Software Engineers and Chemical Engineers?

Options:

1)



2)



3)



4)



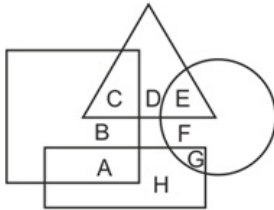
Correct Answer:



QID : 345 -

In the following figure, square represents engineers, triangle represents environmentalists, circle represents lawyers and rectangle represents government officers. Which set of letters represents lawyers who are not environmentalists and government officers who are engineers?

निम्नलिखित आकृत में वर्ग इंजीनियरों को दर्शाता है, त्रिभुज पर्यावरणविदों को दर्शाता है, वृत्त वकीलों को दर्शाता है और आयत सरकारी अधिकारियों को दर्शाता है। वर्णों का कौन सा समूह वकीलों को दर्शाता है जो पर्यावरणविद नहीं हैं और सरकारी अधिकारी जो इंजीनियर हैं?



Options:

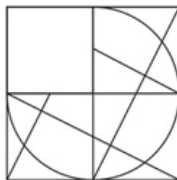
- 1) E, F and B
- 2) A, E and F
- 3) B, A and E
- 4) G, F and A

Correct Answer: G, F and A

QID : 346 -

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

निम्नलिखित में से कौन-सी उत्तर आकृति प्रश्न आकृतिके प्रतिरूप को पूरा करेगी?



Options:

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

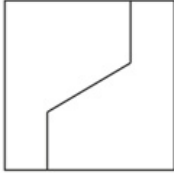
Correct Answer:



QID : 347 -

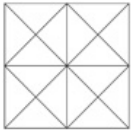
From the given answer figures, select the one in which the question figure is hidden/embedded.

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

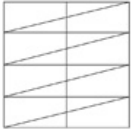


Options:

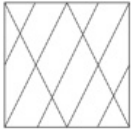
1)



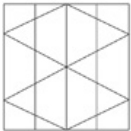
2)



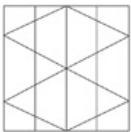
3)



4)



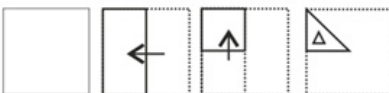
Correct Answer:



QID : 348 -

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.

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

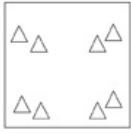


Options:

1)



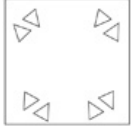
2)



3)



4)



Correct Answer:



QID : 349 -

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 गई उत्तर आकृतियों में से कौन-सी आकृति प्रश्न आकृति का सही प्रतिबिम्ब होगी?



Options:

1)



2)



3)



4)



Correct Answer:



QID : 350 -

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 'N' can be represented by 00, 12 etc and 'C' can be represented by 95, 76 etc. Similarly, you have to identify the set for the word 'TYRES'.

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 'N' को 00, 12 आदि द्वारा दर्शाया जा सकता है तथा 'C' को 95, 76 आदि द्वारा दर्शाया जा सकता है। इसी तरह से आपको प्रश्न में दिए शब्द 'TYRES' के लिए समूह को पहचानना है।

MATRIX - I
आव्यूह - I

	0	1	2	3	4
0	N	V	P	R	W
1	X	T	N	Y	V
2	Z	P	S	X	Q
3	U	Z	X	W	U
4	Y	Y	R	N	R

MATRIX - II
आव्यूह - II

	5	6	7	8	9
5	J	I	C	E	J
6	G	G	A	L	I
7	F	C	J	K	D
8	E	M	K	J	H
9	C	L	E	A	E

Options:

- 1) 21,40,04,69,01
- 2) 12,13,41,55,69
- 3) 11,41,44,85,22
- 4) 31,01,65,58,41

Correct Answer: 11,41,44,85,22