(Paper) SSC Junior Engineers (JE) Exam - 2016 "held on 3rd March 2017" Morning Shift (General Intelligence & Reasoning)

QID : 501 -

Select the related word/letters/number from the given alternatives.

Copper : ductile : : chalk : ?

Options:
1) white
2) brittle
3) soft
4) writing

Correct Answer: brittle

QID : 502 -

Select the related word/letters/number from the given alternatives.

Bears : Growl : : Cocks : ?

Options:
1) Caw
2) Coo
3) Croak
4) Crow

Correct Answer: Crow

QID : 503 -

Select the related word/letters/number from the given alternatives.

Insane : Intelligent : : ?

Options:
1) Loud: Sonorous
2) Important: Chief

3) Soar: Descend

4) Race: Jog

Correct Answer: Soar: Descend

QID : 504 -

Select the related word/letters/number from the given alternatives.

HK : LO : : TW : ?

Options:

1) DG

2) XA

3) YB

4) NK

Correct Answer: XA

QID : 505 - Select the related word/letters/number from the given alternatives.
Night : Thin : : Shape : ?

Options:

1) Peas

2) Cube

3) Hole

4) Coil

Correct Answer: Peas

QID : 506 -

Select the related word/letters/number from the given alternatives.

moq : lnpr : : ceg : ?

Options:

1) hjln

2) bdfh

3) rtvx

4) qomk

Correct Answer: bdfh

QID : 507 -

Select the related word/letters/number from the given alternatives.

3 : 10 : : 4 : ?

Options:

1) 17

2) 20

3) 15

4) 9

Correct Answer: 17

QID : 508 -

Select the related word/letters/number from the given alternatives.

4183 : 6927 : : 5267 : ?

Options:

1) 4156

2) 5843

3) 6724

4) 9325

Correct Answer: 5843

QID : 509 -

Select the related word/letters/number from the given alternatives.

2510, 3412, 3618

Options:

1) 3578

2) 6432

3) 4520

4) 2360

Correct Answer: 4520

QID : 510 - Select the odd word/letters/number/word pair/number pair from the given alternatives.**Options:**
1) Centigrade

2) Calorie

3) Fahrenheit

4) Kelvin

Correct Answer: Calorie

QID : 511 - Select the odd word/letters/number/word pair/number pair from the given alternatives.

Options:

1) Bride and Groom

2) Jack and Jill

3) Adam and Eve

4) Husband and Wife

Correct Answer: Bride and Groom

QID : 512 - Select the odd word/letters/number/word pair/number pair from the given alternatives.

Options:

1) Kiwi and Lychee

2) Potato and Radish

3) Apricot and Coconut

4) Lychee and Apricot

Correct Answer: Potato and Radish

QID : 513 - Select the odd word/letters/number/word pair/number pair from the given alternatives.

Options:

1) TS

2) ML

3) UT

4) VW

Correct Answer: VW

QID : 514 - Select the odd word/letters/number/word pair/number pair from the given alternatives.

Options:

1) Olive

2) Livewire

3) Living

4) Outlived

Correct Answer: Living

QID : 515 - Select the odd word/letters/number/word pair/number pair from the given alternatives.

Options:

1) qfj

2) vrk

3) lts

4) uio

Correct Answer: uio

QID : 516 - Select the odd word/letters/number/word pair/number pair from the given alternatives.

Options:

1) 27

2) 17

3) 37

4) 47

Correct Answer: 27

QID : 517 - Select the odd word/letters/number/word pair/number pair from the given alternatives.

Options:

1) 26

2) 44

3) 63

4) 71

Correct Answer: 63

QID : 518 - Select the odd word/letters/number/word pair/number pair from the given alternatives.

Options:

1) 169, 81

2) 144, 64

3) 121, 36

4) 89, 24

Correct Answer: 89, 24

QID : 519 -

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.

Rustle, Artisan, Saline, Terrain, ?

Options:

1) Ornate

2) Assault

3) Starlet

4) National

Correct Answer: Ornate

QID : 520 -

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.

Cinnabar, barcode, decibel, elastic, _____

Options:

1) denote

2) hunter

3) transmit

4) iceberg

Correct Answer: iceberg

QID : 521 -

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.

Run, Time, Fever, Finale, Samurai, _____.

Options:

1) Shout

2) Root

3) Poverty

4) Transmit

Correct Answer: Transmit

QID : 522 -

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.

I, J, L, O, ?

Options:

1) S

2) R

3) Q

4) P

Correct Answer: S

QID : 523 -

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.

YXW, SRQ, MLK, GFE, _____.

Options:

1) AZY

2) DCB

3) HIJ

4) TUV

Correct Answer: AZY

QID : 524 -

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.

XOXXX, XXOXX, XXXOX, XXXXO, _____.

Options:

1) XXXXX

2) OXXXX

3) OXXXO

4) OXOXX

Correct Answer: OXXXX

Candidate Answer: XXXXX

QID : 525 -

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.

7, 3, _____, -2, -3

Options:

1) 1
2) -1
3) 2
4) 0

Correct Answer: 0

QID : 526 -

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.

2.5, 13/6, 11/6, _____, 7/6

Options:

1) 2
2) 5/3
3) 1.5
4) 4/3

Correct Answer: 1.5

QID : 527 -

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.

101, 103, 107, 109, 113, _____.

Options:

1) 121
2) 123
3) 127
4) 119

Correct Answer: 127

QID : 528 -

If o < l, x < o, a < l and p < o, which of the following must be true?

I. a > p
II. l > p
III. x < l

Options:

1) I and III
2) II only
3) III only
4) II and III

Correct Answer: II and III

QID : 529 - The weights of five boxes are 10, 20, 50, 70, and 90 kilograms. Which of the following cannot be the total weight (in kilograms) of any combination of these boxes?

Options:

1) 180
2) 220
3) 240
4) 200

Correct Answer: 200

QID : 530 - If the letters N, S, C, E, O, U & F 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) 5372416
2) 6000000
3) 4000000
4) 3517624

Correct Answer: 3517624

QID : 531 - If MATERIAL is coded as JXQBOFXI, how is JOY coded in that code?

Options:

1) MBT
2) GLV
3) LDU
4) BTK

Correct Answer: GLV

QID : 532 - In a code language 539 means 'sky is blue', 927 means 'rose is red', 175 means 'blue and red'. Select the code for 'and'.

Options:

1) 5
2) 1

3) 7

4) 9

Correct Answer: 1

QID : 533 -

If '+' is 'x', '-‘ is '+', 'x' is '÷' and '÷' is '-‘, then answer the following question based on this information.

13.5 x 1.5 - 0.008 + 125 = ?

Options:

1) 145

2) 1

3) 10

4) 25

Correct Answer: 10

QID : 534 - If A @ B means A is father of B, A # B means A is brother of B and A ! B means A is grandson of B, then what does **P @ Q # R ! S** mean?

Options:

1) P is son of S

2) P is father of S

3) P is grandson of S

4) P is uncle of S

Correct Answer: P is son of S

QID : 535 - If 96*53 = 7, 57*26 = 4 then 91*35 = ?

Options:

1) 3

2) 5

3) 1

4) 2

Correct Answer: 2

QID : 536 -

Which of the following words follow the trend of the given word list?

Oasis, Noise, Drone, Allot, _____.

Options:

1) Audio

2) Omen

3) Roots

4) Oxford

Correct Answer: Audio

QID : 537 -

Which of the following group of numbers follows the trend?

111O, O1111, 11111O, _____.

Options:

1) O111111

2) O11111

3) O111111O

4) 11111O

Correct Answer: O111111

QID : 538 - If a jogger runs 4 km North, then 3 km East, then 9 km South, then 10 km West, then 5 km North, where is he now with reference to the starting position?

Options:

1) He is 7 km to the West of the starting position.

2) He is 7 km to the East of the starting position.

3) He is 4 km to the South of the starting position.

4) He is 4 km to the North of the starting position.

Correct Answer: He is 7 km to the West of the starting position.

QID : 539 - Two football players A and B start from the same point. A runs 10m North, then 15 m East, turns right and runs 25 m. Meanwhile B runs 7 m West, then 15 m South, turns left and runs 2 m. What is the position of B?

Options:

1) B is 20 m to the East of A

2) B is 24 m to the West of A

3) B is 20 m to the West of A

4) B is 24 m to the East of A

Correct Answer: B is 20 m to the West of A

QID : 540 - In the question a statement is given, followed by two conclusions, 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 conclusions, if any, follows from the given statement.

Statement: A bullet train connecting Shanghai with Paris will cut the time of transporting a goods container between the two cities by 50%.

Conclusion I: Saving time is a value add in logistics industry
Conclusion II: Trade between Shanghai and Paris will increase

Options:
1) Only II follows.
2) Neither I nor II follows.
3) Both I and II follow.
4) Only I follows.

Correct Answer: Only I follows.

QID : 541 -

In the question one 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 the village authorities build a water tank in their village?

Argument I : Yes, a tank is essential as it will provide water for dry summer months.
Argument II : No, the sharing of tank water will lead to disharmony amongst the villagers.

Options:
1) if only argument II is b.
2) if only argument I is b.
3) if neither I nor II is b.
4) If both I and II are b.

Correct Answer: if only argument I is b.

QID : 542 -

Which of the cubes in the given options cannot be made from the below unfolded cube?

नीचे दिए गए खुले हुए घन से विकल्पों में से कौन सा घन नहीं बनाया जा सकता?

Options:
1)

2)

3)

4)
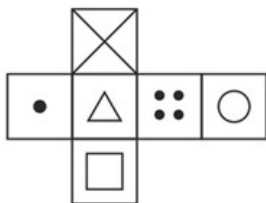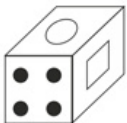
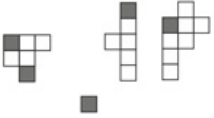**Correct Answer:** 4

QID : 543 -

Select the correct pattern from the options that can be combined to make the given figure.

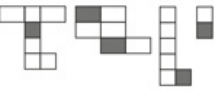विकल्पों में से उस आकार (पैटर्न) को चुनिए, जिन्हें मिलाकर दिया गया चित्र बनेगा।
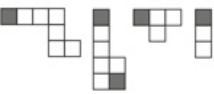

Options:

1)

2)

3)

4)
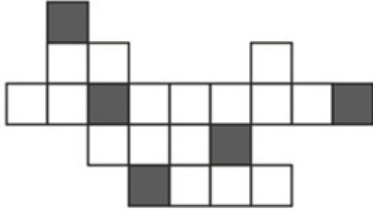
Correct Answer: 1

QID : 544 - Which of the following diagrams indicates the best relation between snake, monkey and mammals?
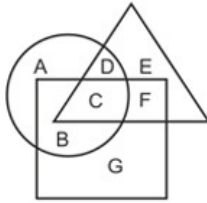
Options:

1)

2)

3)

4)

Correct Answer: 1

QID : 545 -

In the figure given below, square represents people who are singers, triangle represents actors and circle represents directors. Which set of letters represents people who are both singers and directors?

नीचे दिए गए चित्र में वर्ग गायकों को दर्शाता है, त्रिकोण कलाकारों को दर्शाता है और वृत्त निर्देशकों को दर्शाता करता है| अक्षरों का कौन सा समूह उन लोगों को दर्शाता है जो गायक और निर्देशक दोनों हैं?

Options:

1) C and D

2) B, C and D

3) A, B, C, D, G and F

4) B and C

Correct Answer: B and C

QID : 546 -

Identify the figure that completes the pattern.

उस चित्र को पहचानें जो पैटर्न को पूर्ण करता है|

Options:

1)

2)

3)

4)
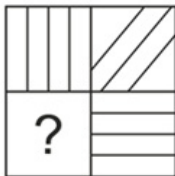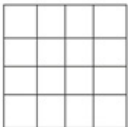
Correct Answer: 1

QID : 547 -

Select the alternative figure which contains below figure as its part.

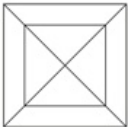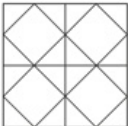वैकल्पिक चित्र चुने जिसका एक हिस्सा नीचे दिया गया चित्र होगा।
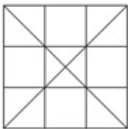

Options:
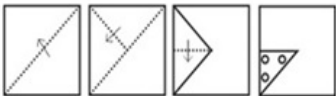
1)

2)

3)

4)
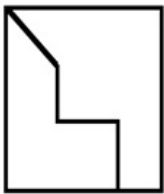
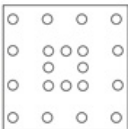**Correct Answer:** 4

QID : 548 -

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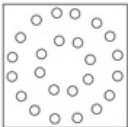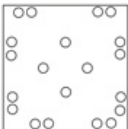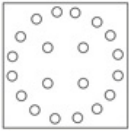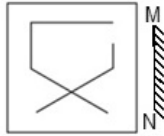

Options:

1)

2)

3)

4)

Correct Answer: 2

QID : 549 -

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: 2

QID : 550 -

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 'Z' can be represented by 20, 24 etc and 'Y' can be represented by 55, 85 etc. Similarly, you have to identify the set for the word 'SHARP'.

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। उदहारण के लिए 'Z' को 20, 24 आदि द्वारा दर्शाया जा सकता है तथा 'Y' को 55, 85 आदि द्वारा दर्शाया जा सकता है। इसी तरह से आपको प्रश्न में दिए शब्द 'SHARP' के लिए समूह को पहचानना है।

MATRIX – I आव्यूह - I					
	0	1	2	3	4
0	W	E	R	T	Q
1	S	A	D	F	G
2	Z	C	V	X	Z
3	E	A	D	V	S
4	E	D	G	Q	R

MATRIX - II आव्यूह - II					
	5	6	7	8	9
5	Y	P	U	I	O
6	H	L	K	J	H
7	B	N	M	M	O
8	Y	U	J	I	L
9	H	K	N	O	I

Options:

1) 10,65,11,44,56

2) 65,21,33,69,34

3) 55,21,98,01,10

4) 34,65,11,44,22

Correct Answer: 10,65,11,44,56