



## (Papers) SSC Junior Engineer Exam Paper - 2018 "held on 22 Jan 2018" Morning Shift

### (General Intelligence & Reasoning)

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

Rain : Clouds : : ? : ?

**Options:**

- 1) Rice : Food
- 2) Grey : Colour
- 3) Heat : Sun
- 4) Snow : Mountains

**Correct Answer:** Heat : Sun

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

Cactus : Plant : : Rice : ?

**Options:**

- 1) Basmati
- 2) Crop
- 3) White
- 4) Rabi

**Correct Answer:** Crop

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

Pink : Colour : : Eagle : ?

**Options:**

- 1) Black
- 2) Symbol
- 3) Bird
- 4) Sky

**Correct Answer:** Bird

**QID : 4** - In the following question, select the related letter pair from the given alternatives.

TOM : NIG :: ? : ?

**Options:**

- 1) EAT : YUN
- 2) EAT : XXM
- 3) FAT : LMV
- 4) EAT : ZXC

**Correct Answer:** EAT : YUN

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

LERI : PJVN :: MONT : ?

**Options:**

- 1) WRTY
- 2) QTRY
- 3) RITY
- 4) RQYB

**Correct Answer:** QTRY

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

SAT : WEX :: MET : ?

**Options:**

- 1) AQI
- 2) IYX
- 3) FHY
- 4) QIX

**Correct Answer:** QIX

**QID : 7** - In the following question, select the related number from the given alternatives.

43 : 7 :: 23 : ?

**Options:**

- 1) 6
- 2) 4
- 3) 7
- 4) 5

**Correct Answer:** 5

**QID : 8** - In the following question, select the related number from the given alternatives.

38 : 53 :: 53 : ?

**Options:**

- 1) 72
- 2) 68
- 3) 79
- 4) 87

**Correct Answer:** 68

**QID : 9** - In the following question, select the related number from the given alternatives.

9 : 81 :: 11 : ?

**Options:**

- 1) 78
- 2) 93
- 3) 121
- 4) 146

**Correct Answer:** 121

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

**Options:**

- 1) Goggle
- 2) Purse
- 3) Accessories

4) Belt

**Correct Answer:** Accessories

**QID : 11** - In the following question, select the odd word from the given alternatives.

**Options:**

- 1) Grapes
- 2) Guava
- 3) Cauliflower
- 4) Orange

**Correct Answer:** Cauliflower

**QID : 12** - In the following question, select the odd word from the given alternatives.

**Options:**

- 1) Sparrow
- 2) Rat
- 3) Ostrich
- 4) Parrot

**Correct Answer:** Rat

**QID : 13** - In the following question, select the odd letters from the given alternatives.

**Options:**

- 1) GCXTO
- 2) KGBXS
- 3) RNIEX
- 4) QMHDY

**Correct Answer:** RNIEX

**QID : 14** - In the following question, select the odd letters from the given alternatives.

**Options:**

- 1) SOKG
- 2) AWSO
- 3) RNJF
- 4) CYTP

**Correct Answer:** CYTP

**QID : 15** - In the following question, select the odd letters from the given alternatives.

**Options:**

- 1) KNQ
- 2) DGJ

3) WZB

4) TWZ

**Correct Answer:** WZB

**QID : 16** - In the following question, select the odd number from the given alternatives.

**Options:**

1) 7 – 11

2) 12 – 16

3) 14 – 18

4) 9 – 15

**Correct Answer:** 9 – 15

**QID : 17** - In the following question, select the odd number from the given alternatives.

**Options:**

1) 2 – 4

2) 3 – 9

3) 4 – 18

4) 5 – 25

**Correct Answer:** 4 – 18

**QID : 18** - In the following question, select the odd number pair from the given alternatives.

**Options:**

1) 76 – 42

2) 92 – 20

3) 73 – 21

4) 93 – 27

**Correct Answer:** 92 – 20

**QID : 19** - Arrange the given words in the sequence in which they occur in the dictionary.

1. Flagrant

2. Flavour

3. Flatter

4. Flick

5. Flawed

**Options:**

1) 13254

2) 31254

3) 23541

4) 32541

**Correct Answer:** 13254

**QID : 20** - According to dictionary, which of the following word will come at THIRD position?

1. Heritage
2. Helpful
3. Hectic
4. Heroic
5. Heroism

**Options:**

- 1) Hectic
- 2) Heritage
- 3) Heroic
- 4) Helpful

**Correct Answer:** Heritage

**QID : 21** - From the given alternatives, according to dictionary, which word will come at LAST position?

**Options:**

- 1) Juvenile
- 2) Justify
- 3) Judge
- 4) Justice

**Correct Answer:** Juvenile

**QID : 22** - A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

F, M, T, ?, H, O

**Options:**

- 1) B
- 2) C
- 3) A
- 4) D

**Correct Answer:** A

**QID : 23** - A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

ROK, LIE, FCY, ZWS, ?

**Options:**

- 1) LAQ
- 2) SRV
- 3) TQM
- 4) FMQ

**Correct Answer:** TQM

**QID : 24** - A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

FAQ, LGW, RMC, ?, DYO

**Options:**

- 1) VIR
- 2) XSI
- 3) LSI
- 4) MIS

**Correct Answer:** XSI

**QID : 25** - In the following question, select the missing number from the given alternatives.

14, 22, 49, 113, 238, ?

**Options:**

- 1) 386
- 2) 532
- 3) 454
- 4) 576

**Correct Answer:** 454

**QID : 26** - In the following question, select the missing number from the given alternatives.

42, 21, 21, 31.5, 63, ?

**Options:**

- 1) 169.75
- 2) 157.5

- 3) 152.5
- 4) 126.75

**Correct Answer:** 157.5

**QID : 27** - In the following question, select the missing number from the given alternatives.

14, 44, 135, 409, 1232, ?

**Options:**

- 1) 2962
- 2) 3340
- 3) 3702
- 4) 3406

**Correct Answer:** 3702

**QID : 28** - E is sitting between D and A, B is to the right of A, C is at one of the ends and C and D are sitting next to each other. Who is sitting third?

**Options:**

- 1) D
- 2) A
- 3) B
- 4) E

**Correct Answer:** E

**QID : 29** - Showing a photograph of a married couple B said that the gentleman in it was his father's father and A said that the lady in it was her mother. How is A related to B?

**Options:**

- 1) A is B's mother's sister
- 2) A is B's sister
- 3) A is B's Father's sister
- 4) A is B's mother

**Correct Answer:** A is B's Father's sister

**QID : 30** - From the given alternative words select the word which cannot be formed using the letters of the given word.

MERCANTILE

**Options:**

- 1) truce



2) learn

3) trace

4) claim

**Correct Answer:** truce

**QID : 31** - If OLYMPUS is coded as MJWKNSQ, then how will TEN be coded as?

**Options:**

1) RCL

2) GVM

3) SDM

4) UFO

**Correct Answer:** RCL

**QID : 32** - In a certain code language, 1875 means 'wound the round watch', 6143 means 'a cake is round' and 7321 means 'watch a round wheel'. Find the code for 'watch'.

**Options:**

1) 1

2) 8

3) 5

4) 7

**Correct Answer:** 7

**QID : 33** - In a certain code language, '+' represents '-', '-' represents 'x', 'x' represents '÷' and '÷' represents '+'. Find out the answer to the following question.

$$96 \times 4 \div 125 + 25 - 5 = ?$$

**Options:**

1) 23

2) 24

3) 50

4) 8

**Correct Answer:** 24

**QID : 34** - If  $17 \$ 22 = 4$  and  $56 \$ 13 = 7$ , then find the value of  $71 \$ 25 = ?$

**Options:**

1) 56

- 2) 96  
3) 1  
4) 8

**Correct Answer:** 1

**QID : 35** - If A \$ B means A is son of B, A # B means A is brother of B and If A \* B means A is father of B, then what does X # Y \* Z \$ W mean?

**Options:**

- 1) W is X's brother's wife  
2) W is X's wife  
3) W is X's mother  
4) W is X's sister

**Correct Answer:** W is X's brother's wife

**QID : 36** -

Select the missing number from the given responses

दिए गए विकल्पों में से लुप्त संख्या चुनिए।

1	4	2
2	7	10
3	?	12

**Options:**

- 1) 3  
2) 9  
3) -3  
4) 11

**Correct Answer:** 11

**QID : 37** - Which of the following terms follows the trend of the given list?

OOXXXXX, OXOXXXX, OXXOXXX, OXXXOXX, OXXXXOX, \_\_\_\_\_.

**Options:**

- 1) XOXXXXO
- 2) XXXXXXO
- 3) OXXXXXX
- 4) OXXXXXO

**Correct Answer:** OXXXXXO

**QID : 38** - A scientist is studying the behaviour of an ant. The ant picks food and walks 5 cm North, then it turns to its right and walks for another 11 cm. then it turns right and walks 3 cm, then it turns West and walks 15 cm, then finally it turns to its left and walks 2 cm. Where is the ant now with respect to its starting point?

**Options:**

- 1) 4 cm East
- 2) 26 cm West
- 3) 4 cm West
- 4) 26 cm East

**Correct Answer:** 4 cm West

**QID : 39** - Two football players start running from the same point on the ground. Player A runs 10 km East, then turns to his left and runs 13 km. In the meanwhile Player B runs 6 km South, then he runs 3 km East, the he turns to his left and runs 19 km. Where is Player A with respect to Player B?

**Options:**

- 1) 7 km West
- 2) 7 km East
- 3) 13 km East
- 4) 13 km West

**Correct Answer:** 7 km East

**QID : 40** - 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: Some chapters are physics

Statement II: All science is physics

Conclusion I: All science is chapters

Conclusion II: Some physics is science

**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 : 41** - In the question three statements are given, followed by three conclusions, I, II and III. 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 success is victory

Statement II: All luck is success

Statement III: Some hard work is luck

Conclusion I: Some success is hard work

Conclusion II: Some hard work is victory

Conclusion III: No victory is luck

**Options:**

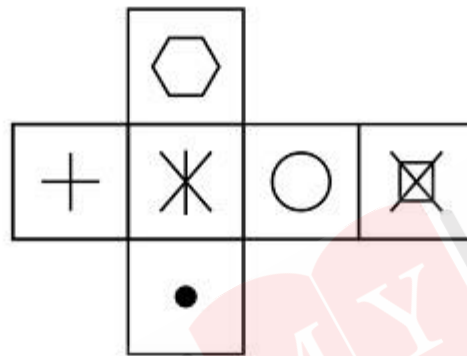
- 1) Only conclusions I and II follow
- 2) Only conclusions II and III follow
- 3) Only conclusions I and III follow
- 4) All conclusions I, II and III follow

**Correct Answer:** Only conclusions I and II follow

**QID : 42** -

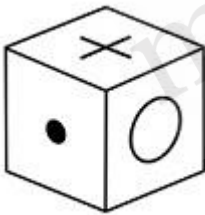
Which of the following cube in the answer figure cannot be made based on the unfolded cube in the question figure?

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

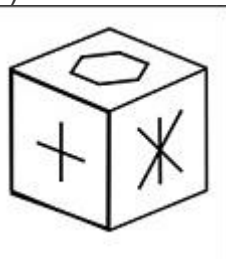


Options:

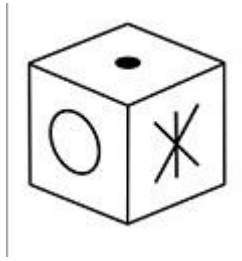
1)



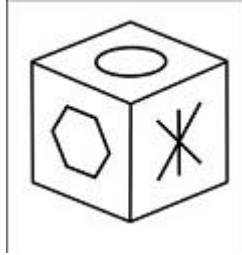
2)



3)



4)

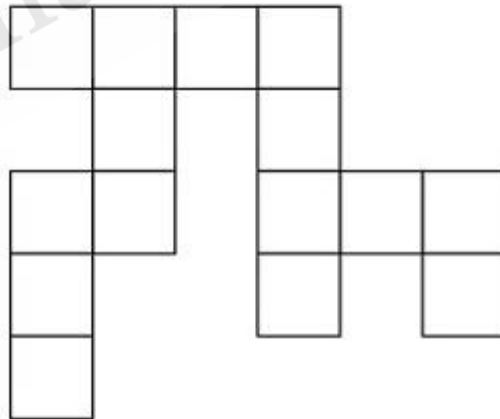


**Correct Answer:**

**QID : 43 -**

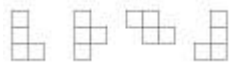
Which of the following answer figure patterns can be combined to make the question figure?

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



**Options:**

1)



2)



3)

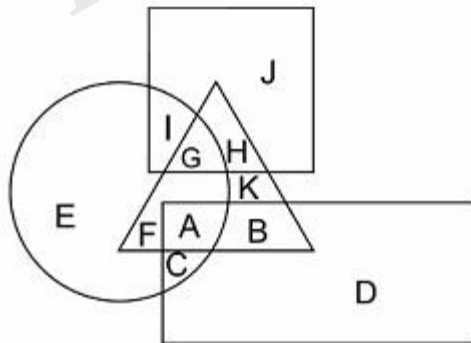


4)

**Correct Answer:****QID : 44 -**

In the following figure, square represents Professors, triangle represents Social Workers, circle represents Dieticians and rectangle represents Men. Which set of letters represents Dieticians who are not men?

निम्नलिखित चित्र में वर्ग, प्रोफेसर्स को प्रदर्शित करता है, त्रिभुज सोशल वर्कर्स को प्रदर्शित करता है, वृत्त डायटीशियंस को और आयत पुरुषों को प्रदर्शित करता है। अक्षरों का कौन सा समूह उन डायटीशियंस को प्रदर्शित करता है जो पुरुष नहीं हैं?

**Options:**

1) EFGI

2) BDKHJ

3) IGAC

4) DEJI

**Correct Answer:** EFGI

**QID :** 45 -

Which of the following Venn diagrams represents the relationship between Butterflies, Animals and Insects ?

निम्नलिखित में से कौन सा वेन चित्र तितलियों, जानवरों और कीड़ों के बीच संबंध दर्शाता है?

**Options:**

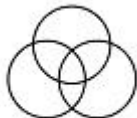
1)



2)



3)



4)



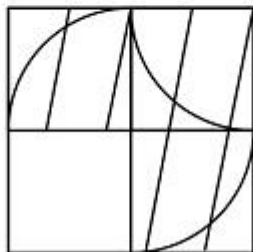
**Correct Answer:**



**QID : 46 -**

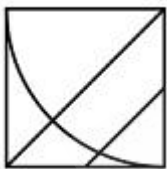
Which answer figure will complete the pattern in the question figure?

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

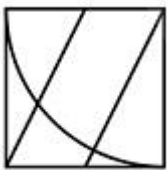


**Options:**

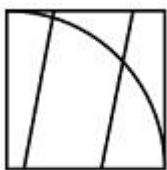
1)



2)



3)



4)



**Correct Answer:**

**QID : 47 -**

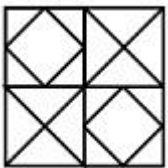
From the given answer figures, select the one in which the question figure is hidden/embedded.

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

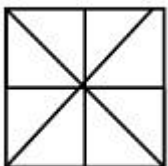


**Options:**

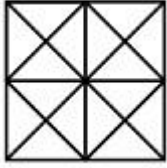
1)



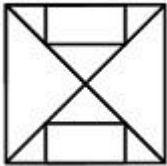
2)



3)

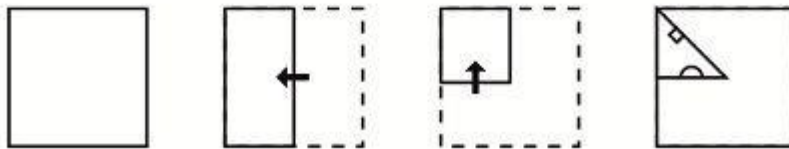


4)

**Correct Answer:****QID : 48 -**

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?

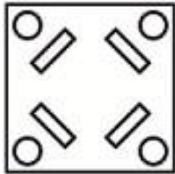


Options:

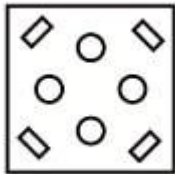
1)



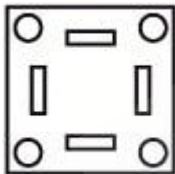
2)



3)



4)



**Correct Answer:**

**QID : 49 -**

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 : 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 'C' can be represented by 43, 41 etc and 'O' can be represented by 97, 78 etc. Similarly, you have to identify the set for the word 'SPAN'.

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 'C' को 43, 41 आदि द्वारा दर्शाया जा सकता है तथा 'O' को 97, 78 आदि द्वारा दर्शाया जा सकता है। इसी तरह से आपको प्रश्न में दिए शब्द 'SPAN' के लिए समूह को पहचानना है।

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

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

**Options:**

1) 66,87,33,56

2) 59,78,42,31

3) 86,89,32,55

4) 78,43,22,98

**Correct Answer:** 86,89,32,55

make  exam