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## SSC MTS 2016 Re-Exam Paper : Held on 09-OCT-2017 Shift-1

### (General Intelligence & Reasoning)

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QID : 1 -

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।

|   |   |   |    |
|---|---|---|----|
| 1 | 6 | 7 | 28 |
| 4 | 2 | 9 | 30 |
| 8 | 5 | 3 | ?  |

Options:

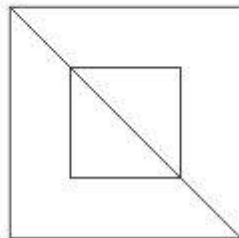
- 1) 30
- 2) 32
- 3) 64
- 4) 44

Correct Answer: 32

QID : 2 -

How many triangles are there in the given figure?

दी गई आकृति में कितने त्रिभुज हैं?



Options:

- 1) 2
- 2) 3
- 3) 4
- 4) 6

Correct Answer: 4

QID : 3 -

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 04, 77, etc., and 'U' can be represented by 33, 65, etc. Similarly, you have to identify the set for the word "LOVE".

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 04, 77, आदि द्वारा दर्शाया जा सकता है तथा 'U' को 33, 65, आदि द्वारा दर्शाया जा सकता है। इसी तरह से आपको प्रश्न में दिए शब्द "LOVE" के लिए समूह को पहचानना है।

**Matrix-I**  
**आव्यूह-I**

|   | 0 | 1 | 2 | 3 | 4 |
|---|---|---|---|---|---|
| 0 | U | V | F | C | D |
| 1 | L | Y | K | E | J |
| 2 | X | P | V | M | K |
| 3 | B | R | E | U | H |
| 4 | A | L | D | X | N |

**Matrix-II**  
**आव्यूह-II**

|   | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|
| 5 | S | N | L | A | H |
| 6 | U | O | Z | Y | E |
| 7 | B | X | D | C | P |
| 8 | X | H | S | M | T |
| 9 | V | F | A | X | O |

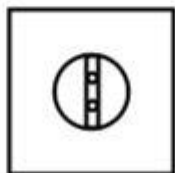
- 1) 10, 65, 95, 69
- 2) 57, 66, 96, 13
- 3) 57, 99, 01, 69
- 4) 41, 99, 23, 69

**Correct Answer:** 57, 99, 01, 69

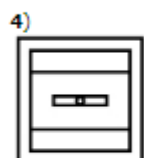
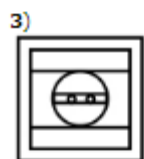
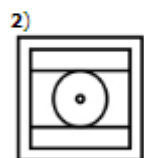
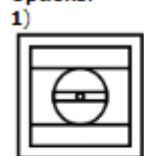
**QID : 4 -**

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

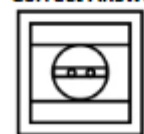
दी गई उत्तर आकृतियों में से उस उत्तर आकृति को चुनिए जिस में प्रश्न आकृति निहित है।



**Options:**



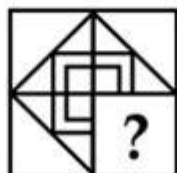
**Correct Answer:**



**QID : 5 -**

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 : 6 -

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 : 7 -



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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:

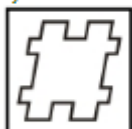
1)



2)



3)



4)



Correct Answer:



QID : 8 - If 'Q' means '+', 'L' means 'x', 'T' means '÷', 'Z' means '-', then  
17 Q 4 T 9 L 18 = ?

Options:

1) 36

2) 25

3) 42

4) 54

**Correct Answer: 25**

**QID : 9** - If  $17 \times 13 = 4$  and  $16 \times 14 = 2$ , then  $29 \times 23 = ?$

**Options:**

1) 5

2) 7

3) 6

4) 8

**Correct Answer: 6**

**QID : 10** - Arrange the given words in the sequence in which they occur in the dictionary.

1. Heart

2. Henry

3. Heavy

4. Hence

5. Hedge

**Options:**

1) 15342

2) 31452

3) 13425

4) 13542

**Correct Answer: 13542**

**QID : 11** - In the following question, select the missing number from the given series.

**4, 1, 16, 9, 36, 25, 64, 49, ?**

**Options:**

1) 64

2) 81

3) 100

4) 121

**Correct Answer: 100**

**QID : 12** - A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

**T, P, L, H, ?**

**Options:**

1) B

2) C

3) D

4) E



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

**Options:**

- 1) Deserts
- 2) Mountains
- 3) Plains
- 4) Plants

**Correct Answer: Plants**

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

**Options:**

- 1) 14 – 12
- 2) 22 – 20
- 3) 35 – 33
- 4) 43 – 40

**Correct Answer: 43 – 40**

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

**Options:**

- 1) DEC
- 2) MNL
- 3) RSQ
- 4) WXU

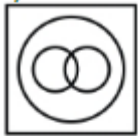
**Correct Answer: WXU**

**QID : 16 - Identify the diagram that best represents the relationship among the given classes.**

**Crockery, Cup, Plate**

Options:

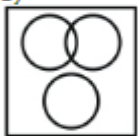
1)



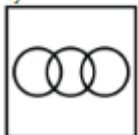
2)



3)



4)



Correct Answer:



QID : 17 - In the following question, select the related word from the given alternatives.

Pen : Paper :: Hammer : ?

Options:

- 1) Nail
- 2) Strike
- 3) Crushing
- 4) Hole

Correct Answer: Nail

QID : 18 - In the following question, select the related number from the given alternatives.

49 : 146 :: 63 : ?

Options:

- 1) 176
- 2) 188
- 3) 192
- 4) 204

Correct Answer: 188

QID : 19 - In the following question, select the related letters from the given alternatives.

PO : MQ :: IN : ?

Options:

- 1) EQ
- 2) FP
- 3) FQ
- 4) EP

**Correct Answer: FP**

**QID : 20** - In the following question, select the word which cannot be formed using the letters of the given word.

**MACHINEARY**

**Options:**

- 1) NEAR
- 2) MICE
- 3) MIND
- 4) HAIRY

**Correct Answer: MIND**

**QID : 21** - Shiva walks 18 km towards east. He turns left and walks 37 km. He turns left and walks 24 km. In which direction is he from his starting point?

**Options:**

- 1) South-East
- 2) North-East
- 3) North-West
- 4) South-West

**Correct Answer: North-West**

**QID : 22** - Salil is 7th from top and 10th from bottom. How many people are there in the row?

**Options:**

- 1) 18
- 2) 17
- 3) 16
- 4) 19

**Correct Answer: 16**

**QID : 23** - 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 books are brown.
- II. All brown are wood.

**Conclusions:**

- I. Some books are wood.
- II. Some books are not wood.

**Options:**

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

**Correct Answer: Only conclusion (I) follows.**

**QID : 24 - In a certain code language, "ACID" is written as "BDJE". How is "BAKE" written in that code language?**

**Options:**

- 1) CBLD
- 2) CBLF
- 3) CBMF
- 4) CCLF

**Correct Answer: CBLF**

**QID : 25 - In a certain code language, "INK" is written as "33" and "PIN" is written as "38". How is "TIP" written in that code language?**

**Options:**

- 1) 43
- 2) 44
- 3) 45
- 4) 46

**Correct Answer: 44**



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