

Examrace

Mental Aptitude Test (MAT) Paper – Maharashtra 2016 – 17 Part – 8

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Q: 44 In the following question, there is a specific relationship between the numbers inside the bracket and outside the bracket in each row. Find the relation the select the correction alternative to replace the question mark.

3 (45) 6

7 (70) 4

5 (?) 8

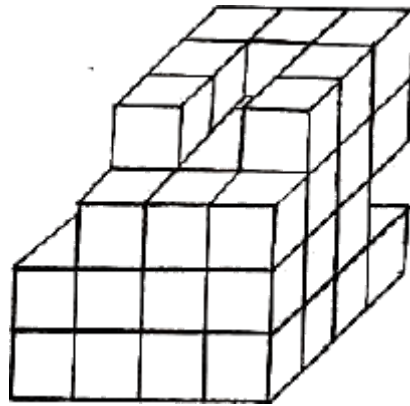
(1) 84

(2) 78

(3) 94

(4) 100

Q: 45 and 46 – Direction:- In the following figure small cubes are arranged in a particular manner as shown. Observe the arrangement and answer the following questions.



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Q: 45 What is the total number of small cubes?

- (1) 52
- (2) 49
- (3) 47
- (4) 45

Q: 46 What is the total number of blocks whose three surfaces are seen?

- (1) 12
- (2) 13
- (3) 14
- (4) 15

Q: 47 and 48 – Direction:- Two tables are given below in which two group of alphabets are written. In table I the rows and columns are numbers 0 - 4 and in table II the rows and columns are numbered 5 - 9. The alphabets in the tables are represented first by their row number and then by their column number.

Table I

	0	1	2	3	4
0	A	R	V	N	D
1	R	N	D	V	A
2	D	V	N	A	R
3	N	D	A	R	V
4	V	A	R	D	N

Table II

	5	6	7	8	9
5	K	I	L	E	T
6	E	T	K	I	L
7	L	K	E	T	I
8	T	L	I	K	E
9	I	E	T	L	K

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Q: 47 . Which group of number represented LEAD?

- (1) 57, 65,00, 12
- (2) 75, 96,31, 43
- (3) 98, 69,23, 14
- (4) 86, 77,41, 40

Q: 48 Which group of numbers represents RINK?

- (1) 42, 79,30, 78
- (2) 10, 68,43, 55
- (3) 24, 87,11, 89
- (4) 01, 95,22, 67

Q: 49 and 50 – Direction:- Observe the pyramid of alphabets. Answer the following.

a
 b c
 d e f
 g h i j
 k l m n o
 p q r s t u
 v w x y z a b
 c d e f g h i j
 k l m n o p q r s
 t u v w x y z a b c

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49. dhed, kqlg, cluk

(1) gihd

(2) kqwp

(3) pwdv

(4) vdic

Q: 50 bhr: cis :: rxem: ?

(1) jnsy

(2) szhq

(3) dhms

(4) giry