



## Competitive Exams Reasoning Sample Paper 6

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Q-1 In a certain code language MADRAS is coded as 'ARSARS', THEN HOW WILL 'MUMBAI' be coded in that language?

- (a) U B M U B M
- (b) U B I U B I
- (c) M U M M U M
- (d) M B A M B A

Q-2 Find the last number of the following number series 10, 8, 16, 13, 39, 35,?

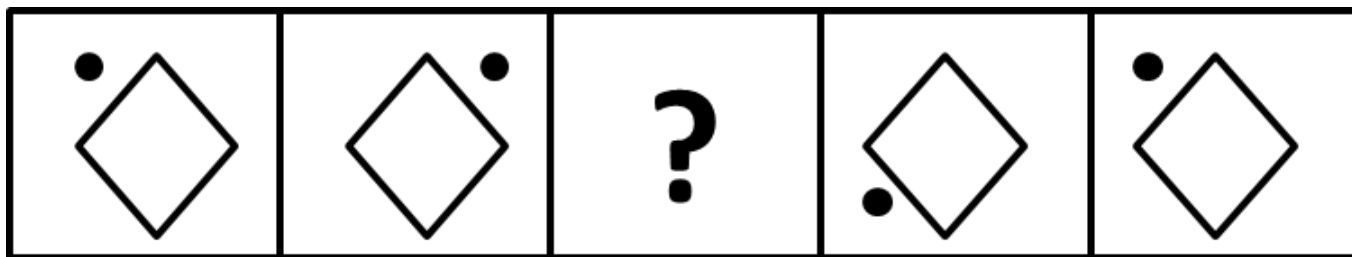
- (a) 75
- (b) 100
- (c) 130
- (d) 140

Q-3 If 'x' means subtract, '÷' means multiply, '+' means divide and '-' means add, then which of the following would result in a value of 10.

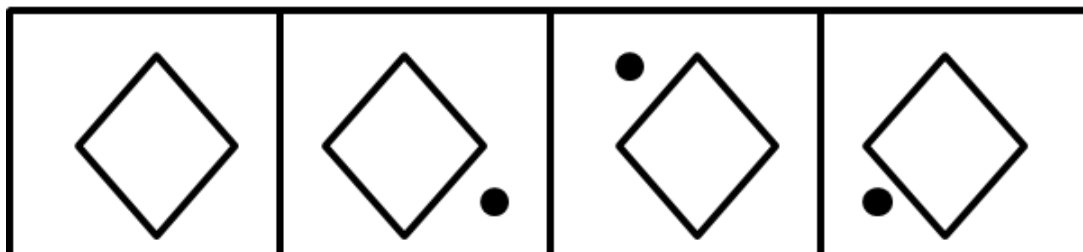
- (a)  $15 + 12 \times 3 \div 2 - 3$
- (b)  $15 \times 12 \div 3 + 2 - 3$
- (c)  $15 + 12 \times 3 - 2 \div 3$
- (d)  $15 \times 12 + 3 \div 2 - 3$

Direction (Q.4-5 ): In these questions, there are two sets of figures. The Problem Figures and the Answer Figures. The four Problem Figures make a series. That means they change from left to right in a specific order. The questions is, if the figures continue to change in the same order, what should be the third figure, so that the series is completed?

Study the following problem based on series.



### Answer Figures



(a)

(b)

(c)

(d)

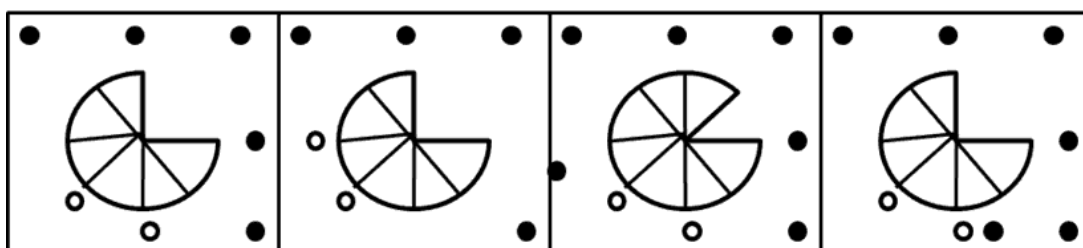
Study the position of the dot in all the Problem Figures. Note that it keeps moving around the square in the clockwise direction, where would it be in the third position? If you observe in the second figure, the dot is at the upper right corner and in the fourth figure the dot is at the bottom left corner. Hence, in the third figure, it should be at the bottom right corner. Therefore, the answer is b.

Now, solve the following questions.

#### Q-4 Problem Figures



#### Answer Figure



(a)

(b)

(c)

(d)

#### Q-5 Problem Figures

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? * LI	# @ !	<b>?</b>	* LI #	@ ! b
~ A #	LI W b		? C @	# G ~
b ! @	* ? ~		~ b !	LI * ?

? * LI
~ A #
b ! @

(a)

! b ~
@ Z ?
# LI *

(b)

? * LI
~ B #
b ! @

(c)

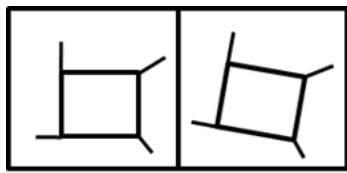
b ~ ?
~ A *
b ! @

(d)

Direction (Q. 6 - 7): In each of the following problems a related pair of figures is following by five numbered pairs of figures. Selected the pair that has a similar relationship to that of original

pair. The best answer is to be selected from the given choices.

Q-6

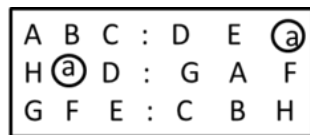


I II

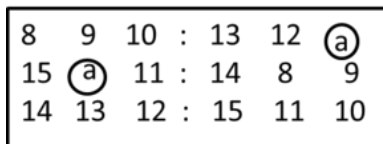


I (a) II I (b) II I (c) II I (d) II

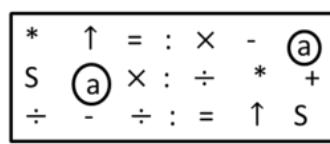
Q-7



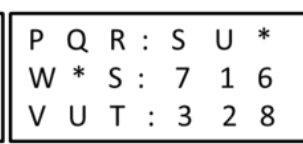
I II



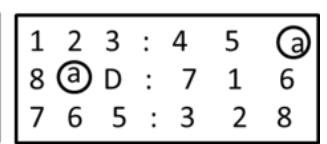
(a)



(b)



(c)



(d)

Q-8 In a family of 6 members A, B, C, D, E and F there are three males and three females. There are two fathers. C is aunt of F who is the grandson of A. D is the daughter in law of E who is mother of C. What is the relation between D and F?

- (a) Father-son
- (b) Sister-brother
- (c) Sibling
- (d) Mother-son

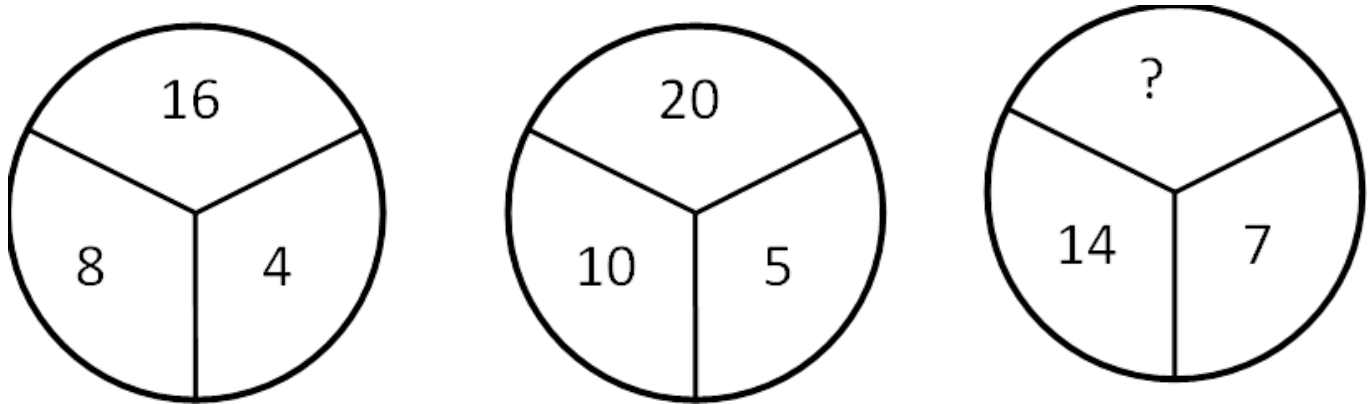
Q-9 Five persons Anurag, Arjun, Ajay, Atul, and Anand live in a storey building at different floors. Anurag lives above Ajay but below Anand. Atul lives above Ajay but above Atul. In which floor does Anuj live?

- (a) 2<sup>nd</sup>
- (b) 3<sup>rd</sup>

(c) 4<sup>th</sup>

(d) Either (b) or (c)

Q-10 What is the missing number?



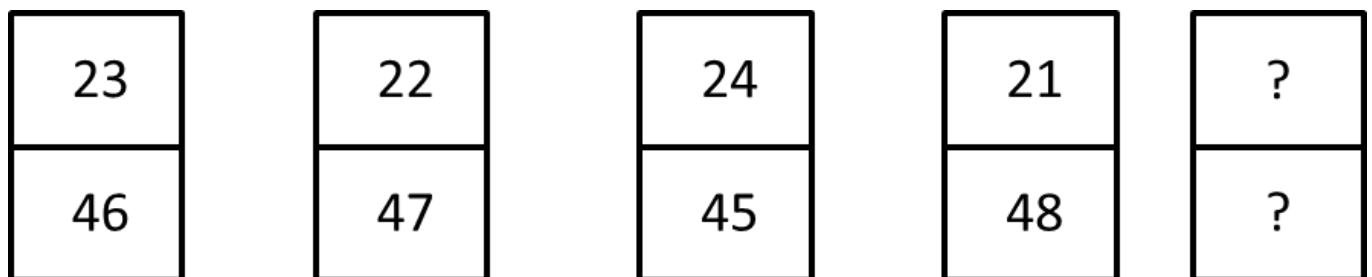
(a) 22

(b) 24

(c) 28

(d) 27

Q-11. Insert the missing number.



(a)  $\frac{24}{45}$

(b)  $\frac{23}{46}$

(c)  $\frac{25}{44}$

(d)  $\frac{25}{48}$

Q-12 There are fifty birds on a tree. A hunter shot at them with a rifle and three birds fell dead. How many birds were left on the tree?

(a) 47

(b) 45

(c) 46

(d) None

Q-13 Ram is older than shyam and Raju. Raju is older than Kumar. Sachin is Younger than Shyam but older than Kumar. Sachin is Younger than Raju. Ram is younger than Saurav. Who is the oldest man?

(a) Ram

(b) Shyam

(c) Raju

(d) Saurav

Q-14. Sheetal beats Hema at Tennis but losses to Monica. Sonali usually wins against Hema, sometimes against Sheetal, but never against Monica. Who is the weakest player?

(a) Sheetal

(b) Hema

(c) Sonali

(d) Monica

**Direction for question 15:** Read the in information and answer the question given below:

'A + B' means 'A is the daughter of B'.

'A x B' means 'A is the son of B'. and

'A- B' means 'A is the wife of B'

Q-15 If  $T - S \times B - M$ , which of the following is not true?

(a) B is mother of S.

(b) M is the husband of B.

(c) T is the daughter of M.

(d) T is the daughter-in-law of B.

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