

Aptithon Sample Questions

Topic	: Quantitative Aptitude
No.of Questions	: 100
Mark	: 1-Mark for each correct answer
Negative mark	: -0.25 for each wrong answer

Quants__1 If 24AB4 is divisible by 99, then $A + B$ is:

Quants__2 What is the HCF and LCM of $\frac{4}{5}$, $\frac{7}{6}$ and $\frac{11}{25}$

Quants__3 Let a, b, c and d be four positive integers such that $a + b + c + d = 200$. If $S = (-1)^a + (-1)^b + (-1)^c + (-1)^d$, then what is the number of possible values of S ?

Quants__4 15 men and 21 women, working together, can do a job in 56 days, while 12 men and 24 women, working together, can do the same job in 64 days. In how many days can the same job be done by 18 men and 24 women, working together?

Quants__5 Anoop travels first $\frac{1}{3}$ rd of the total distance at the speed of 10 km/hr and the next $\frac{1}{3}$ rd at 20 kmph and the last $\frac{1}{3}$ rd at 60 km/hr. The average speed of Anoop is :

Quants__6 Given that $\triangle DEF \sim \triangle ABC$. If the area of $\triangle ABC$ is 9 cm^2 and that of $\triangle DEF$ is 12 cm^2 and $BC = 2.1 \text{ cm}$, then the length of EF is:

Quants__7 The graphs of the linear equations $3x - 2y = 8$ and $4x + 3y = 5$ intersect at the point $P(a, b)$. What is the value of $2a + 5b$?

Quants__8 Anil bought two articles A and B at a total cost of Rs.10,000. He sold the article A at 15% profit and the article B at 10% loss. In the whole deal, he made no profit or no loss. Find the selling price of the article A.

Quants__9 Two persons A and B throw a die alternatively till one of them gets a three and wins the game. Find their respective probabilities of winning.

Quants__10 In the following two equations questions numbered (I) and (II) are given. You have to solve both equations and Give answer. $x^2 - 5x + 6 = 0$ and $3y^2 - 13y - 4 = 0$

Aptithon Sample Questions

Topic	: Reasoning
No.of Questions	: 100
Mark	: 1-Mark for each correct answer
Negative mark	: -0.25 for each wrong answer

Rea__1 In a certain code language, 'GOP' is coded as '38', and 'HVN' is coded as '44'. How will 'PNG' be coded in that language?

Rea__2 Select the number from among the given options that can replace the question mark (?) in the following series. 12, 37, 110, 331, 992, ?

Rea__3 Read the given statements and conclusions carefully.

Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

- No yellow is green
- Some pink are yellow

Conclusions:

- I. No green is yellow
- II. Some yellow are pink
- III. All green are pink.

Rea__4 Looking at a picture of Suraj, Mr. Gaurav said, 'He is the son of my paternal grandfather's only son.' How is Gaurav related to Suraj in the picture?

Rea__5 Read the passage given below and answer the questions that follow:

Eight friends - Rita, Priya, Sita, Ami, Sahil, Sameer, Biswas, and Anil - are sitting around a circular table facing each other. Rita's husband is sitting directly across the table from her. Priya's husband, and her best friend, Rita are sitting on her either side. Sameer is to the immediate left of Anil and third to the right of Rita. Ami is sitting to the immediate right of Rita and also to the left of Sameer's wife. Aarti and Sahil are the only two unmarried people in the group. Which of the following is TRUE?

- a) Sahil is directly across the table from Aarti
- b) Sameer is the only one sitting between Aarti and Anil
- c) Sahil is second to the left of Aarti
- d) Sita is sitting third to the left of Biswas

Aptithon Sample Questions

Rea_6 How many such numerals are there in the number '645903287' which will remain at the same position when arranged in ascending order from left to right?

Rea_7 In this question, two statements I and II have been given. These statements may be independent causes or effects of independent causes or a common cause. One of the statements maybe the

I. This year College X reduced the cut-off marks to 50 from 60 for the entrance exam.

II. In the last two years, the Students Union in College X has been actively negotiating with the college administration regarding the Quality of food and Health and Hygiene standards at the College Canteen.

- a) II is the cause and I is its possible effect
- b) I is the cause and II is its possible effect
- c) Both I & II are effects of independent causes
- d) Both I & II are independent causes

Aptithon Sample Questions

Topic : Verbal Ability
No.of Questions : 75
Mark : 1-Mark for each correct answer
Negative mark : -0.25 for each wrong answer

Verbal_1 Select the **INCORRECTLY** spelt word.

- a) Reasonable b) Blessed c) Laughable d) Prophanе

Verbal_2 Select the grammatically correct sentence.

- A. It is a old uniform but a memorable thing for me.
B. It is old uniform but a memorable thing for me.
C. It is the old uniform but memorable thing for me.
D. It is an old uniform but a memorable thing for me.

Verbal_3 Select the most appropriate option to fill in the blank.

The _____ purpose of the coaching was to identify the talented players.

- a) mean b) mine c) mane d) main

Verbal_4 Select the option that expresses the given sentence in indirect speech.

My brother said to me, "Don't play in the rain."

- a) My brother said to me don't play in the rain.
b) My brother forbade me to play in the rain.
c) My brother assured me not to play in the rain.
d) My brother refused me to not play in the rain.

Verbal_5 A word has been given in each question and has been used in the sentences given below. Identify the statements where the word has been used in a contextually and grammatically correct manner. If the word has been used correctly in all the statements, mark (e), "All of these", as your answer.

ESCALATE

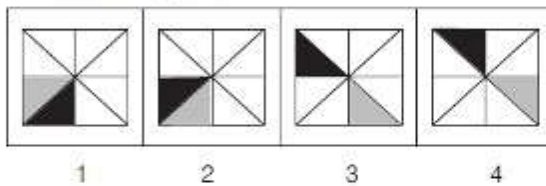
1. The pedestrian was jaywalking when he **escalate** the busy street, walking straight into the path of an oncoming vehicle.
2. We've tried to **escalate** the most likely problems, but it's impossible to be prepared for every eventuality.
3. The decision to **escalate** UN involvement has been made in the hopes of a swift end to the hostilities.

Aptithon Sample Questions

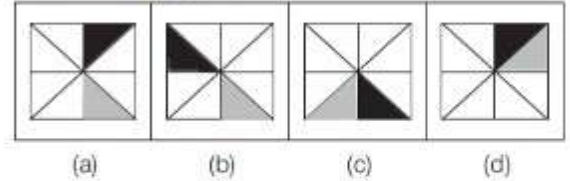
Topic : Non Verbal Reasoning
 No. of Questions : 50
 Mark : 1-Mark for each correct answer
 Negative mark : -0.25 for each wrong answer

Verbal_1 Select a figure from the answer figures which will continue the series established by the four/five problem figures.

Problem Figures

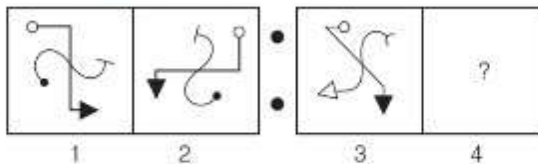


Answers Figures

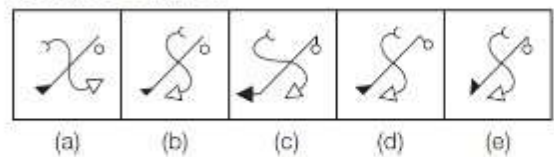


Verbal_2 The second figure in the first pair of the problem figures bears a certain relationship with the first figure. Similarly, one of the answer figures bears the same relationship with the first figure in the second pair of the problem figures. You have to select that figure from the set of answer figures which will replace the question mark (?)

Problem Figures

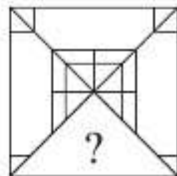


Answer Figures

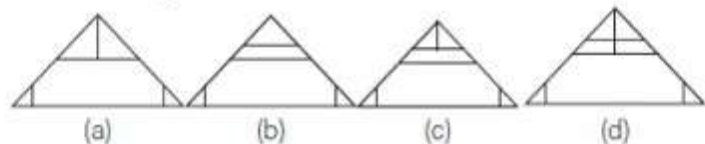


Verbal_3 In the question, a part of the given question figure is missing. Find out from the given answer figures (a), (b), (c) and (d), that can replace the '?' to complete the question figure.

Question Figure

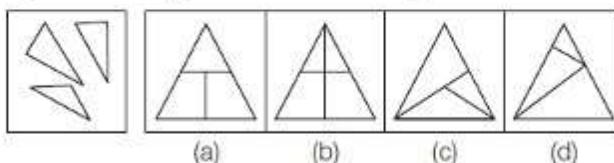


Answer Figures



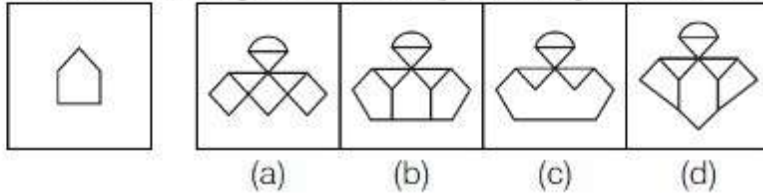
Verbal_4 In this question, find a figure from the answer figures that can be formed by joining the pieces given in the question figure.

Question Figure Answer Figures

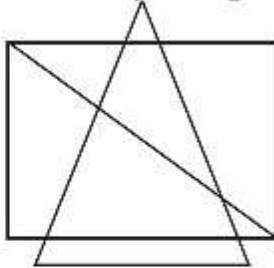


Aptithon Sample Questions

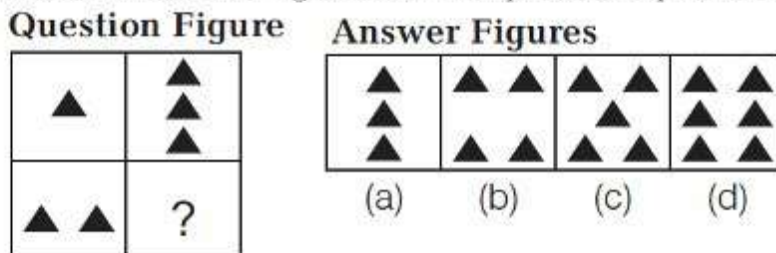
Verbal_5 find the answer figure in which question figure is embedded.



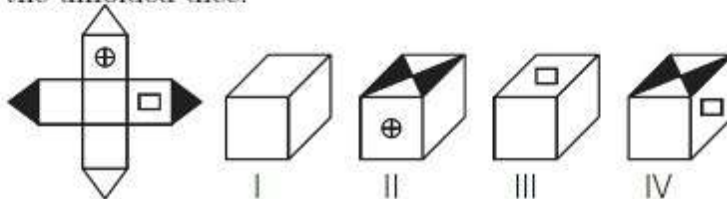
Verbal_6 How many triangles are there in the given figure?



Verbal_7 find out the answer figure which completes the question figure matrix.



Verbal_8 In question given below, an unfolded dice is given in the left side while in the right side, four answer choices are given in the form of complete dice. You are required to select the correct answer choice(s) which is/are formed by folding the unfolded dice.



Aptithon Sample Questions

Topic	: Crypt Arithmetic
No.of Questions	: 25
Mark	: 1-Mark for each correct answer
Negative mark	: -0.25 for each wrong answer

Instructions for Cryptarithmic Problems

- Alphabets can take up only one distinct value.
- Alphabets can only take up values between 0-9.
- Decoded numbers can't begin with 0, for example, 0813.
- Problems are uni-solutional.
- 19 is the max value with a carryover for two one-digit number in the same column addition
- Carryover can only be 1 for addition problems

Crypt_1 HERE = COMES - SHE, (Assume S = 8). Find the value of R + H + O.

Crypt_2 N O + G U N + N O = H U N T, find the value of HUNT.

Crypt_3 TEE+LET=ALL where E=5 find A+L+L.

Crypt_4 COMET+SATURN=URANUS

Crypt_5 EUROPA+JUPITER=NEPTUNE

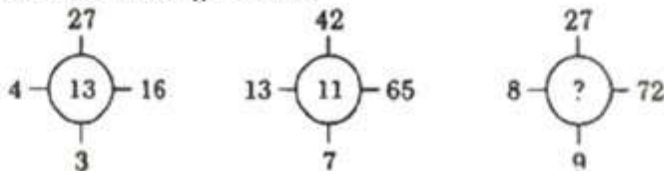
Aptithon Sample Questions

Topic : Number Puzzle
 No.of Questions : 25
 Mark : 1-Mark for each correct answer
 Negative mark : -0.25 for each wrong answer

NP_1 Find the missing number



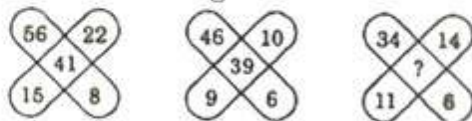
NP_2 Find the missing number



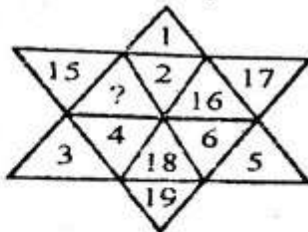
NP_3 Find the missing number

68	75	13
85	56	?
76	47	14

NP_4 Find the missing number



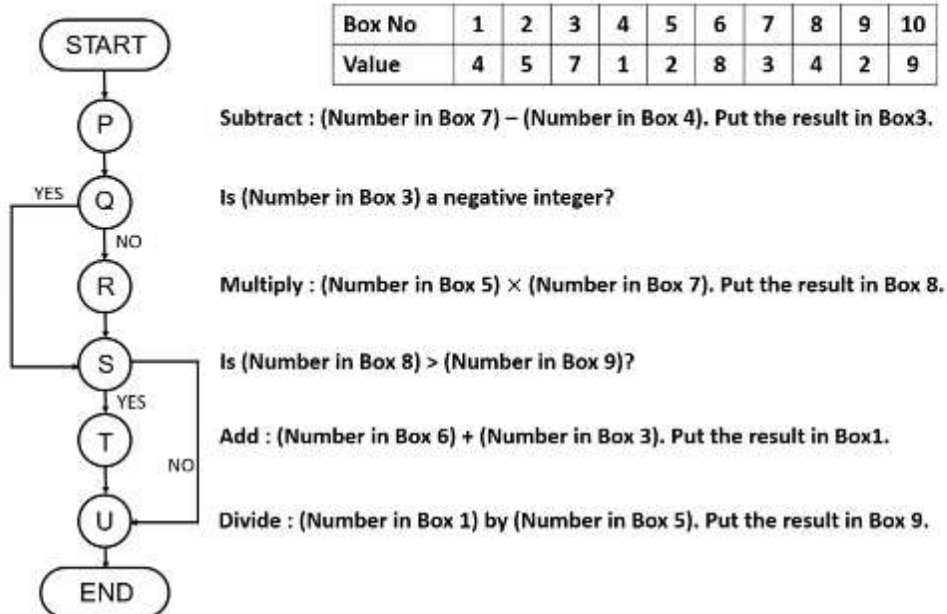
NP_5 Find the missing number



Aptithon Sample Questions

Topic : Flow Chart
 No.of Questions : 25
 Mark : 1-Mark for each correct answer
 Negative mark : -0.25 for each wrong answer

Study the flow chart give below and the questions that follow.



Flow_1 The change the number contained in which of the following boxes will not affect any of the steps of the given flowchart?

- a) Box 4 b) Box 10 c) Box 5 d) Box 7

Flow_2 At the end of the flowchart which of the following boxes will have higher value than Box 10?

- a) Box 9 b) Box 1 c) Box 6 d) Box 5