

TY APTITUDE TEST (CAE1.2)

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The test has 30 questions, from quant and reasoning. Read the questions carefully to answer them.

Problem consists of three statements given below:

1. Joe is younger than Kathy.
2. Mark was born after Joe.
3. Kathy is older than Mark.

If the first two statements are true, the third statement is

- ☒ True
- ☐ False
- ☐ Uncertain

Clear selection

Find the odd man out.

1, 4, 9, 16, 23, 25, 36

- ☐ 16
- ☒ 23
- ☐ 25
- ☐ 36

Clear selection



If a watch is sold for Rs 120, there is a loss of 15%. For a profit of 2%, the watch is to be sold for

- ☒ Rs 144
- ☐ Rs 175
- ☐ Rs 185
- ☐ Rs 165

Clear selection

Here are some words translated from an artificial language.

moolokarn means blue sky.

wilkospadi means bicycle race.

moolowilko means blue bicycle.

Which word could mean "racecar"?

- ☐ wilkozwet
- ☐ spadiwilko
- ☐ moolobreil
- ☒ spadivolo

Clear selection

The marked price of brand A watches is 15% higher than its original price. Due to an increase in demand, the price is further increased by 10%. How much %profit will be obtained in selling the watches?

- ☐ 25%
- ☐ 35%
- ☐ 27%
- ☒ 26.5%

Clear selection



It is required to get 40% marks to qualify an exam. A candidate scored 200 marks and failed by 8 marks. What were the maximum marks of that exam?

- ☐ 508
- ☐ 408
- ☐ 502
- ☒ 520

Clear selection

If A is the brother of B; B is the sister of C; and C is the father of D, how D is related to A?

- ☐ Brother
- ☐ Sister
- ☒ Nephew
- ☐ Can't be determined

Clear selection

The cost price of 35 articles is the same as the selling price of y articles. If the profit is 25%, then the value of y is:

- ☒ 28
- ☐ 16
- ☐ 30
- ☐ 12

Clear selection



Dinesh walks 20 m north. Then he turns right and walks 30 m. Now he turns right and walks 35 metres. Now, turning left, he walks 15 m. Again, he turns left and moves 15 metres. Finally, turning left, he again walks 15 metres. In which direction and how far is he from his original position?

- ☐ 15 m, East
- ☐ 45 m, West
- ☒ 45 m, East
- ☐ 15 m, West
- ☐ None of these

[Clear selection](#)

The average of nine numbers is 50. The average of the first five numbers is 54 and that of the last three numbers is 52. Then, the sixth number is

- ☒ 34
- ☐ 24
- ☐ 44
- ☐ 30

[Clear selection](#)

The sum of ages of 5 children born at the intervals of 3 years each is 50 years. What is the age of the youngest child?

- ☐ 6 years
- ☐ 10 years
- ☒ 4 years
- ☐ 8 years

[Clear selection](#)

Which word does NOT belong with the others?

peninsula

island

bay

cape

☐ peninsula

☐ island

☒ bay

☐ cape

Clear selection

A certain number is divided into two parts such that 5 times the first part added to 11 times the second part makes 7 times the whole. The ratio of the first part to the second part is

☒ 2:1

☐ 5:11

☐ 1:2

☐ 2:3

Clear selection

Pointing to a photograph of a boy Mahesh said, "He is the son of the only son of my mother." How is Mahesh related to that boy?

☐ Brother

☐ Uncle

☐ Cousin

☒ Father

Clear selection



A cat takes 5 leaps for every 4 leaps of a dog but 3 leaps of the dog are equal to 4 leaps of the cat. What is the ratio of the speeds of the cat to that of the dog?

- ☐ 11:15
- ☐ 15:11
- ☐ 16:15
- ☒ 15:16

[Clear selection](#)

In an examination, 20% of total number of students failed in History, 15% of total number of students failed in Hindi and 5% of total number of students failed in both. Find the percentage of students who passed in both the subjects.

- ☒ 70 %
- ☐ 65 %
- ☐ 60 %
- ☐ 50 %

[Clear selection](#)

Fill the blank in the blank of the series given below:
SCD, TEF, UGH, ____, WKL

- ☐ CMN
- ☐ UJI
- ☒ VIJ
- ☐ IJT

[Clear selection](#)

In a mixture 60 litres, the ratio of milk and water 3 : 2. If this ratio is to be 2 : 3, then the quantity of water to be further added is:

- ☐ 40 litres
- ☐ 20 litres
- ☒ 30 litres
- ☐ 80 litres

[Clear selection](#)

If $A + B$ means A is the brother of B; $A - B$ means A is the sister of B and $A \times B$ means A is the father of B. Which of the following means that C is the son of M?

- ☐ $M - N \times C + F$
- ☐ $F - C + N \times M$
- ☐ $N + M - F \times C$
- ☒ $M \times N - C + F$

[Clear selection](#)

In a certain code 'BACKSPACE' is written as 'ABKCPSCAE'. How would 'INSPIRONE' be written in that code?

- ☒ NIPSRINOE
- ☐ INPSRINEO
- ☐ INRIPSNOE
- ☐ NEORIPNSI

[Clear selection](#)

The ratio between the present ages of A and B is 4: 5. If the ratio between their ages 4 years hence becomes 14:17, then what is B's age at present?

- ☒ 30 years
- ☐ 28 years
- ☐ 34 years
- ☐ Data inedquate

[Clear selection](#)

Mani Ram divides Rs 17200 amongst his 5 sons, 4 daughters and 2 friends. If each daughter receives four times as much as each friend receives and each son receives five times as much as each friend receives, how much does each daughter receive?

- ☐ Rs 800
- ☐ Rs 1500
- ☐ Rs 1000
- ☒ Rs 1600

[Clear selection](#)

Average age of 5 boys is 16 years, of which that of 4 boys is 16 years and 3 months. The age of the 5th boy is

- ☒ 15 years
- ☐ 15 years 6 months
- ☐ 15 year 4 months
- ☐ 15 year 2 months

[Clear selection](#)

If NOKIA is written as SJOED, SPORT may be written as

- ☒ TQPSU
- ☐ XKSNW
- ☐ PSROT
- ☐ KXNSW

Clear selection

The price of 2 trousers, 1 tie and 4 shirts is Rs. 2450. With the same money one can buy 4 trousers, 2 tie and 1 shirt. If one wants to buy 14 shirts, how much shall he have to pay?

- ☐ Rs 3850
- ☒ Rs 2450
- ☐ Rs 4900
- ☐ None of these

Clear selection

Choose the word which is different from the rest.

- ☐ Cap
- ☐ Hat
- ☒ Veil
- ☐ Turban

Clear selection



Which number will replace '?' in the series 4, 18, '?', 100, 180, 294,

- ☐ 36
- ☒ 48
- ☐ 54
- ☐ 78

Clear selection

Present ages of Sameer and Anand are in the ratio of 5: 4 respectively. Three years hence, the ratio of their ages will become 11: 9 respectively. What is Anand's present age in years?

- ☒ 24
- ☐ 27
- ☐ 40
- ☐ cant be determined

Clear selection

Choose the pair that best represents a similar relationship to the one expressed in the original pair of words given below:

MONK: DEVOTION

- ☐ explorer : contentment
- ☐ maniac : pacifism
- ☒ rover : wanderlust
- ☐ visionary : complacency

Clear selection



Dev, Kumar, Nilesch, Ankur and Pintu are standing facing to the North in a playground such as given below:

Kumar is at 40 m to the right of Ankur.

Dev is are 60 m in the south of Kumar.

Nilesch is at a distance of 25 m in the west of Ankur.

Pintu is at a distance of 90 m in the North of Dev.

Which one is in the North-East of the person who is to the left of Kumar?

- ☐ Dev
- ☐ Nilesch
- ☐ Ankur
- ☒ Pintu
- ☐ None of these

Clear selection

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