

## Cognitive Performance Examination - Logical Reasoning

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**Description - instructions** : This test examines problem solving abilities, especially the ones proximate to pure logical and abstract reasoning. Relevance to IQ has been investigated through former ALT21; after 16 submissions, a correlation of 0.954 (14 score pairs) with supervised tests (WAIS, RAPM etc.) was calculated; preliminary yet extremely high. It seems that probably such items may measure one's fluid intelligence quite well.

In each item, you have to examine the given data and find the logic behind the item. Don't get tricked by numbers or letters; since you are reading and fully understanding these lines, test can be regarded as culture fair. Items are not necessarily ordered by level of difficulty. To sum up, no specific knowledge is required.

Before submitting your answers, please read [instructions](#) page carefully and use the provided answersheet.

Test begins, good luck and have fun!

### Problem n.1

1, 12, 52, ?

### Problem n.2

$$1A + 2C = 4C$$

$$3B + 4D = 6G$$

$$2B + 3C = 5E$$

$$4A + 3F = ?$$

### Problem n.3

1A, 4E, 8F, 11H, 5I, ?

### Problem n.4

H7, H6, P5, S4, ?

### Problem n.5

It is a sequence = 2121212122112

Full of numbers = 1211211211211

Only one and two = 2112212211112

What is the answer = ?

### Problem n.6

Genius + device + sleep = 8

Bike + ability + help = 10

Trial + sleepless + trivial = 11

Find + the + solution = ?

Problem n.7

ZADSNXQERLW

2541189

Answer must be figured out. (?)

Problem n.8

Trend + help + solve = see

Say + create + tear = try

Art + pill + hear = hit

Else + tell + yell = ?

Problem n.9

FATE = 72

FAME = 144

LAKE = 72

FAKE = ?

Problem n.10

Are, bee, queue, see, you.

Find the common connection between these words.

Problem n.11

0 + 1 + 2 = ?

3 + 4 + 5 = 13

6 + 7 + 8 = 13

9 + 10 + 11 = 13

Problem n.12

13 - 12 = 1

17 - 4 = 13

18 - 24 = 18

19 - 36 = ?

Problem n.13

All + one + nothing = 18

Think + much + clever = 17

Plus + minus + times = 19

Find + the + solution = ?

Problem n.14

(ice + water) x eternal = 4

(empty + sentence) x here = 8

(dust + hell) x hall = 0

(extreme + severe) x here = ?

Problem n.15

One + two - three = one

Four + five - six = five

Seven + eight - nine = six

Nine + ten - eleven = ?

Problem n.16

1173151514719192112??23

Problem n.17

J31, F28, ?, A30

Problem n.18

V10000, W00100, ?, Y00010, Z01000

Problem n.19

Find the odd one out.

19-40, 21-40, 23-40, 25-40.

Problem n.20

3, B, ?, D, 4, ?, G, 3, 1, J, 3, ?, 4, 3, O, ?, Q

Problem n.21

Stats are God-level, ?-?, stats.

Problem n.22

7, ?, 5, ?, 3, 4, 4, ?, 9, 7, 8, ?.

Problem n.23

(me), (tree) - e, ?

Choose the correct answer.

- a) (x)
- b) (y) + e
- c) e + (x)
- d) (y)
- e) (x) - e
- f) (e) + x

Problem n.24

Y, ?, W, D, H, ?, S

Problem n.25

TSIAMNED. Choose the correct answer.

- a) Hourglass
- b) Glass
- c) Computer
- d) Television
- e) Chimney

Problem n.26

LEND, LEAD, DEAL, DEAD. Find the odd one out.

Problem n.27

2 : 4 :: ELVES : ?

Problem n.28

C, I, 8, 6. Find the odd one out (**Hint:** Solution is not based on multiples of 3).

Problem n.29

14, 19, 15, 24, 17, ?

Problem n.30

A, 3, B, 1, E, 5, ?, 4, R, ?

Problem n.31

"Tell killer to let the relic". Find the two words that do not fit.

Problem n.32

1691919196, 9616161169, ?, 1966161691, 1691919196

**- End Of Test -**