

Contest: Intense Gradient Instrument of Reasoning (IGNITER)

Start: January 1, 2020

End: [December 31, 2020 11:59pm ET](#)

Norm: Preliminary Norm I (10 testees)

[Fee](#): 1st Attempt (\$10)|2nd Attempt (\$20)

Prizes for Top 5 performers based on Total score!

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Test Information

Cheating: Do not discuss answers/hints. *No time limit.* *Two attempts* and *reference aids* are allowed. *No penalty* for guesses/wrong answers.

Intense Gradient Instrument of Reasoning (IGNITER)

Attempt all 5 sections. The Psi section will be scored separately from the IQ section. IQ section: raw score out of 32. Psi section: raw score out of 8.

I. Logical

1. Complete the series:

#*## ? #### #*##

2. Complete the series:

 ***** *### *****
 ***** ***** ?
 ***** ***** **### *****
 ***** ***** ****## *****
 ***** ***** ***** *****

3. Find the missing element in this matrix:

&# (\$) #& ?

4. Find the missing element in this matrix:

@]- -@]]-@ *&> ? &>* ~./ /~ ./~

5. Complete the analogy:

: ##### :: ##### : ?

6. Complete the analogy:

#* ##### : ##### :: *# : ? #### ####

7. Select the letter (A, B, C, D, or E) of the item that is different from the others:

: ### ** : ** ## : ## *## : *## **# : ##*
 A B C D E

8. Problem Solving:

One at a time, move a symbol on top of another by jumping over exactly 2 symbols each time to finish with 5 stacks of 2 (5 pairs):

~ @ # \$ % ^ & * + "

For example: A B C D, if A jumps over B and C to be on top of D or D jumps over C and B to be on top of A, A and D form a pair (AD or DA).

List the 5 pairs (there are a few strategies to do this, but the pairs/stacks will be the same: for example, AB, CD, EF or DC, FE, BA).

Hint: first move \$ on top of a symbol, then move ^ on top of a symbol to get started. The 5 stacks cannot touch each other.

II. Verbal

9. Complete the series:

Aconcagua Denali Elbrus Everest Kilimanjaro Puncak Jaya ? _____

10. Complete the series:

Second Minute Hour Day Week Month Year ? Century

11. Find the missing element in this matrix:

Dark Light Moon ? ___

12. Find the missing element in this matrix:

Elbow Wrist Knee ? _____

13. Complete the analogy:

Beverage originating from the nineteenth century : Pepsi Cola :: Land partially surrounded by water : ? _____

14. Complete the analogy:

Uncontrollable anger, children : Tantrum :: Silver-gray metal, 73 : ? _____

15. Select the word that is different from the others:

hand, ball, foot

16. Problem Solving:

Find the word/name that is seen early each year (that has 1 vowel) that the following words have in common: third, walk: ___ r ___

III. Numerical

17. Complete the series:

? U R O 12 9 6 3

18. Complete the series:

9 36 117 360 ?

19. Find the missing element in this matrix; only one mathematical operation is needed, not all 4 (add, subtract, multiply, divide):

242	16
544	?

20. Find the missing element in this matrix; only one mathematical operation is needed, not all 4 (add, subtract, multiply, divide):

2	2	3	4	11
3	2	4	9	18
9	5	0	1	?
6	1	1	8	16

21. Complete the analogy:

123 567 : 444 :: 3546 7854 : ?

22. Complete the analogy:

5688 : 94 :: 1234 : ? __ (Use only 2 mathematical operations to find the answer, not all 4: add, subtract, multiply, divide)

23. Select the number that is different from the others:

48, 22, 10, 88, 12, 18, 40

24. Problem Solving:

State how the following rounded numbers relate with 1 short word - do not write an explanation: 1.7725 and 9.8696

IV. Spatial

25. Complete the series. This item can be solved with your keyboard – drawing software is not required:

v|[^] |[^] |[^]
 v| |[^] |[^]
 ?

26. Complete the series. This item can be solved with your keyboard – drawing software is not required:

o-o o-o
 ?
 oo-oo

27. Find the missing element in this matrix. This item can be solved with your keyboard – drawing software is not required:

V SS
s ?


28. Find the missing element in this matrix. This item can be solved with your keyboard – drawing software is not required:

\$ ~ ~ !!!
!! \$\$\$ ~
~ ~ ~ ? \$\$

29. Complete the analogy. This item can be solved with your keyboard – drawing software is not required:

O : o :: C : ?

30. Complete the analogy. This item can be solved with your keyboard – drawing software is not required.

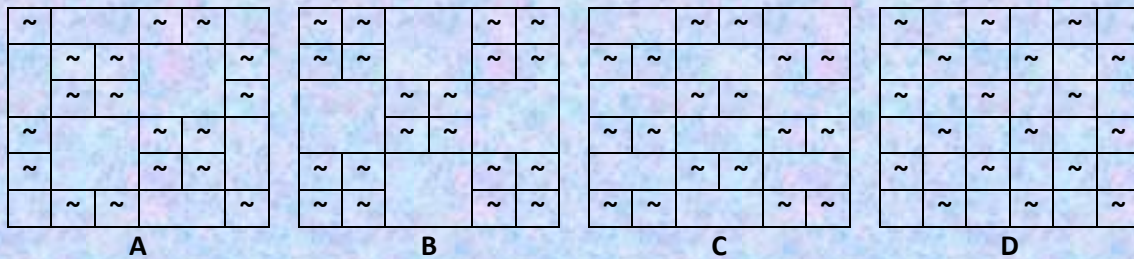
A :  :: L : ? It must fit within a 5x5 space (rows by columns) and contain 9 of the following symbol: #.

31. Select the letter (A, B, C, D, E, F, or G) of the item that is different from the others:

r y u n ; c \
A B C D E F G

32. Problem Solving:

Each of the following big 4 squares have small empty squares that are clear. Three of the 4 big squares are placed on top of each other so that there are no empty squares; looking at this final big square, it will be observed that all 36 small squares are filled with the following: ~. What are the 3 big squares? List the letters of the 3 big squares.



V. Psi – Through psychic means, select one term from each of the following:

- 33. A I
- 34. B V
- 35. E X
- 36. F L
- 37. G C
- 38. H D
- 39. J M

40. In this psi section, not including this item, how many items did you answer correctly?

Submission Information:

E-mail OpalQuestGroup@gmail.com the following information: **Full Name, Country, Age, Sex**, a clear scan of your **Photo ID** (State/Country ID, Driver's License, Passport, etc.) showing only your full name, age/birthdate, and country

Prior scores on IQ tests (if any):

Test Name|IQ(raw score if IQ is unknown)|SD (15/16/24)|Attempt(1st,2nd,...)|Year Taken|Test's website (if known). For example,
 LogiNum |160 |SD 15 |3rd |2000 |http://www.loginum.com
 NumVerb |164 |SD 16 |1st |1992
 The NLogi |9 (raw score) |SD unknown |2nd |1987

Attempt (1st or 2nd time taking this test)

Your Solutions (For example):

1. 4
2. Circle
3. xox

Make sure you keep a copy of your solutions in case some of the best items appear in a future test; I will forward your email with them for \$1.

Contests	1 st Attempt	2 nd Attempt	Norming Stage (# of Testees)
Mixed/Mystery Contests	\$10	\$20	N/A (<5) Estimate (5)
IQ Contests	\$5	\$10	Preliminary Norms I/II (10/20)
Progressive One Contests	\$1	\$2	First Norm (30)
Quick Day/Psychic Contests	Free	\$1	Second Norm (60)
Bolded and underlined: norming stage and current fees			Third Norm (90)
http://www.paypal.me/OpalQuestGroup to pay scoring fee (if any)			Final Norm (120)

Score Report Example:

Score Report: IGNITER
Type: Mixed (Logical, Verbal, Numerical, Spatial, Psi)
Items: 40
Candidate: Jane Doe
Total Raw Score (Psi & IQ sections): 9
Psi Raw Score (out of 8): 8
IQ Raw Score (out of 32): 1
IQ: 160 (s.d = 15)
IQ Percentile: 99.997%
Attempt: First
Date: January 1, 2020
Norm: First (based on 30 testees)
Scorer: <i>James Dorsey</i>
Verification code: JD-1.1.2020-0001A
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