Intense Gradient Instrument of Reasoning (IGNITER)

Released: January 1, 2020

Norm: First Norm (30 testees)

Fee: 1st Attempt ($5)|2nd Attempt ($10)

Accepted to Opal Quest Group Societies (1st/2nd Attempts)

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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 ? _ _ _ _ _

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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| v^
    ?

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

    o-o
    ?
    oo-oo
    o--o

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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?

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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(1^{st},2^{nd},…)|Year Taken|Test's website (if known). For example,

LogiNum |160 |SD 15 |3^{rd} |2000 |http://www.loginum.com

NumVerb |164 |SD 16 |1^{st} |1992

The NLogi |9 (raw score) |SD unknown |2^{nd} |1987

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

Your Solutions (For example):

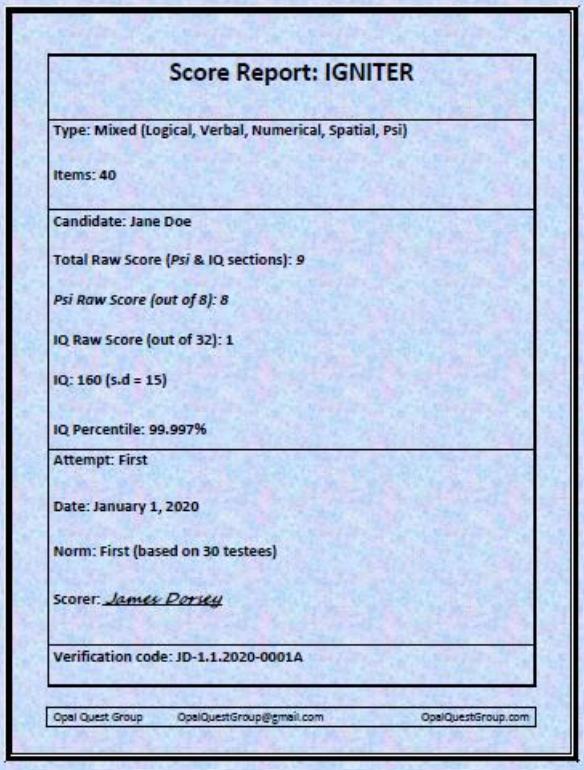
1. 4
2. Circle
3. xox

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.

Norming and Scoring Fee System	Tests composed of new items		Tests composed of over 50% of previously used items/multiple choice items	
Norming Stage (# of Testees)	1^{st} Attempt	2^{nd} Attempt	1^{st} Attempt	2^{nd} Attempt
N/A (<5)|Estimate (5)	Free	$5	$5	$10
Preliminary Norms I|II (10|20)	Free	$5	$5	$10
First Norm (30)	**$5**	**$10**	$10	$15
Second Norm (60)	$10	$15	$15	$20
Third Norm (90)	$15	$20	$20	$25
Final Norm (120)	$20	$25	$25	$30

Bolded and underlined: norming stage and current fees **http://www.paypal.me/OpalQuestGroup** to pay scoring fee (if any)

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: *James Dorsey*

Verification code: JD-1.1.2020-0001A

Opal Quest Group OpalQuestGroup@gmail.com OpalQuestGroup.com

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Norming (May 2021)/Scoreboard

Norm (Rank Equation): First Norm (30 testees) Based on 1st Attempts: IQ Part: **Raw Median**: 29 **Mean**: 28.45 **σ**: 2.59 **Split-Half Reliability**: 0.82

Correlations with other tests:	***Correlation between age and raw score*: -0.32**	***Estimated minimum g loading*: 0.51**	**Pairs** (≥ 3)	**Correlation**
Numerus Classic			3	0.98
Lux25			4	0.94
FREE Fall			3	0.87
Reduction Riddles			18	0.55
COSMIC			28	0.50
MultDiv			18	0.50
LSHR Light			4	0.47
METEOR			28	0.47
ILLUSION			31	0.46
CELESTIAL			26	0.37
PatNum			25	0.33
Alphabet			22	0.28
SPECTRA			24	0.27
Warp			4	0.27
AdSub			22	0.25
ASMuDi			21	0.24
OASIS			25	0.14
Fiqure			10	0.06
Numericore			3	0.00
Mach			3	-0.12
WIT			5	-0.32
GIFT Verbal III			3	-0.36
Asterix			3	-0.50
Lexiq			4	-0.58
Mathema			4	-0.61
Numerus Light			5	-0.64
GENE Verbal III			3	-0.67
GRIT			3	-0.84
AIT			3	-0.87
Logica Stella			3	-0.94
Other tests with 2 pairs: 12345, MRI-30R, Triplex Light, EMC-30R, GENE Verbal, Hieroglyphica, Einplex, GIFT Verbal, Numerus, Test for Genius – Revision 2016, Verbatim, LS36, DOMESTIQ, GIFT Verbal IV, NERVE, GAIA, Cattell Culture Fair, Algebrica, Numerus Light 2, FREE Fall Pt. 2			40	0.12
For privacy, tests with only 1 score are not including on this list.				

Norm: IQ Raw	IQ (SD 15)	Frequency (1st | 2nd Attempts)	**Scoreboard**: Testees: 38 (1st, 2nd Attempts) *(Psi raw score out of 8 in italics by name)*
1-9	<70	0 | 0	X, X
10|11|12|13	72|76|80|84	0 | 0	X, X
14|15|16|17	88|92|97|101	0 | 0	X, X
18	105	0 | 0	X, X
19	109	0 | 0	X, X
20	113	0 | 0	X, X
21	122	1 | 0	Hidden2 (*5*), X
22	124	0 | 0	X, X
23	126	1 | 0	Vincent van der Weide (*2*), X
24	129	1 | 0	Andrius Jodinskas (*6*), X
25	130	3 | 1	Alexandre Duran (*3*), Pierre Zakia (*4*), Mingjiu Dai (*4*), Alexandre Duran (*3*)
26	135	2 | 2	Hidden3 (*5*), David Quint (*5*), Andrius Jodinskas (*5*), Mohammed Benazzi (*4*)
27	142	5 | 0	James Gordon (*2*), Javier Hilario (*4*), Huiquan Liu (*2*), Sinan Babacan (*0*), Mohammed Benazzi (*4*), X
28	144	3 | 1	Hidden (*6*), Chris McLaren (*3*), Veronica Palladino (*4*), Javier Hilario (*5*)
29	150	4 | 1	Andrew Hayles (*2*), Luca Fiorani (*6*), Rickard Sagirbey (*5*), Kentaro Takiguchi (*5*), Göran Åhlander (*6*)
30	156	8 | 2	Jim Lorrimore (*5*), Göran Åhlander (*2*), Daniel Hilton (*5*), Nobuo Yamashita (*6*), Michael Albertson (*0*), Jo Christopher M. Resquites (*4*), Michael Papadopoulos (*4*), Motomasa Kurosawa (*3*), Susumu Ota (*2*), Jim Lorrimore (*5*)
31	160	9 | 2	Maximilian-Andrei Druță (*6*), Jewoong Moon (*5*), Nitish Joshi (*6*), Srinwan Roy (*5*), Susumu Ota (*3*), Lukas Pöttrich (*6*), ID (*5*), Victor Balacescu (*5*), Dragan Bezak (*5*), James Gordon (*2*), Luca Fiorani (*5*)
32	168	1 | 4	Tiberiu Sammak (*1*), Maximilian-Andrei Druță (*6*), Chris McLaren (*8*), Victor Balacescu (*5*), Dragan Bezak (*6*)

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