Contest: Long-Range Reasoning Gradient (LARGE)

Compilation Test

Start: January 1, 2024

End: December 31, 2024 11:59pm ET

Norm: Estimate (5 testees)

Fee: 1st Attempt ($10)|2nd Attempt ($20)

Prizes for Top 5 performers based on Total score!

Test Designer: James Dorsey

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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.

Long-Range Reasoning Gradient (LARGE)
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, or C) of the item that is different from the others:

    ####   ******   **#***

          A   B   C

8. Problem Solving:

    For this item, only focus on the following 7 questions. Write the answers for 1-7 on one line, left to right, in this format: F KII JIL.

    Hint: after reading the answer sequence, try to get a good night's rest if possible.

    1. First question with A as the answer is question

       A 1

       B 2

       C 3

       D 4

       E 5

    2. Only 2 questions with B as the answer are

       A 1 and 3

       B 2 and 5

       C 3 and 5

       D 4 and 7

       E 5 and 7

    3. Only 2 questions with A as the answer are

       A 1 and 3

       B 2 and 4

       C 3 and 5

       D 4 and 6

       E 5 and 7

    4. First question with D as the answer is question

       A 1   B 2   C 3   D 4   E 5

    5. Number of questions with answers that are either A or E

       A 2

       B 3

       C 4

       D 5

       E 6

    6. Only question with E as the answer is

       A 2

       B 3

       C 4

       D 5

       E 6

    7. Number of questions with answers that are either B, C, or D

       A 1

       B 2

       C 3

       D 4

       E 5

II. Verbal

9. Complete the series:

    ?   Deductive   Inductive

10. Complete the series:

    ?   Diamond   Heart   Spade

11. Find the missing element in this matrix:

    Arm   Hand

    Leg   ? _ _ o _

12. Find the missing element in this matrix:

    Young   Short

    Old   ? _ _ l _

13. Complete the analogy:

    a **:** Z **::** b **:** ?

14. Complete the analogy:

    ABCDEFG… **:** H **::** …TUVWXYZ **:** ?

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

    dead, smile, funeral, burial

16. Problem Solving:

    For the word Addition, replace 1 letter for a sample performance by a singer; keep letters in order after replacement: _ _ _ _ _ _ _ _

III. Numerical

17. Complete the series:

    12C   23E   34G   45I   56K   67M   78O   ?

18. Complete the series:

    A   2   D   8   P   ?

19. Find the missing element in this matrix; no mathematical operation is needed:

A	1	B	2
C	3	?	4
E	5	F	6
G	7	H	8

20. Find the missing element in this matrix; no mathematical operation is needed:

4	?	6
4	5	6
4	5	6

21. Complete the analogy:

    98317 **:** 73819 **::** 58921 **:** ? (*no calculations*)

22. Complete the analogy:

    2346890922 **:** 2290986432 **::** 378302039 **:** ? (*no calculations*)

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

    12505, 21606, 34307, 51208, 72909, 83810

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24. Problem Solving:

Nine rectangles (each with 2 single-digit numbers written on them) were placed on a table with sides of the same number touching each other. Two rectangles have been hidden with tape, which means 4 numbers are missing. All of the numbers on the nine rectangles (when all are visible) total 40 when added together. State the hidden number written on the ? side of one of the hidden rectangles.

1	1	3						5	5	0	0	1
2								3				
2	1	blank	blank	?	blank	2	3					

IV.   Spatial

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

```
}o{                          o{
                    o                          }o
        {                          ?
              }{
```

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

```
        &                 ?
              $%                 $
    ^&           ^
```

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

```
oOo           ?
vVv           vVv
```

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:

```
∨ : < :: ⊃ : ?
```

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

```
(    :    )    ::    [    :    ?
```

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

```
W       V       O
A       B       C
```

32. Problem Solving:

State the letter that can't be folded along a vertical line "|" on paper to make the right side identical to left side: Y, T, H, M, V, X, Z

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

33. a   e

34. 12   21

35. u   y

36. 34   43

37. 5   7

38. 58   85

39. In this psi section, not including this item, how many items did you answer correctly so far (excluding item 40)?

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(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)
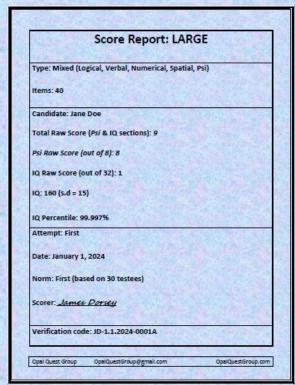Your Solutions (For example):
   1.   4
   2.   Circle
   3.   xox
Make sure you keep a copy of your solutions in case some of the best items appear in a future test; I will forward your email with them for $1.

Contests	1st Attempt	2nd 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: LARGE

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, 2024

Norm: First (based on 30 testees)

Scorer: *James Dorsey*

Verification code: JD-1.1.2024-0001A

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Norming (January 2024)/Scoreboard

Norm (Rank Equation): Estimate (5 testees)   Based on 1st Attempts: IQ Part: **Raw Median**: 31   **Mean**: 30   **σ**: 2.35   **Split-Half Reliability**: 0.86

Correlations with other tests:	*Correlation between age and raw score*: N/A	*Estimated minimum g loading*: N/A	Pairs (≥ 3)	Correlation
Rhyming Riddles			3	1
IGNITER			5	0.99
SPECTRA			4	0.97
METEOR			6	0.86
CELESTIAL			4	0.85
AsMuDi			6	0.82
Fiqure			5	0.80
COSMIC			6	0.80
Replacement Riddles			4	0.75
Alphabet			7	0.74
Reduction Riddles			3	0.65
OASIS			6	0.59
PatNum			7	0.54
ILLUSION			7	0.51
MultDiv			4	0.45
AdSub			4	0.21
Lux25			3	0.19
FREE Fall			4	0.09
Asterix			3	0
Warp			3	0
WIT			3	-0.59
Numerus Classic			3	N/A
Tests with 2 pairs: Fiqure, Lexiq, Numerus Light, Numerus Light 2, Numerus, Hieroglyphica, Register, Lipt, FREE Fall Pt. 2, LS 36, LSHR Light			22	0.04
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: 8 (1st, 2nd Attempts) *(Psi raw score out of 8 in italics by name)*
1	<70	0 | 0	X, X
2	<70	0 | 0	X, X
3	<70	0 | 0	X, X
4	<70	0 | 0	X, X
5	<70	0 | 0	X, X
6	<70	0 | 0	X, X
7	<70	0 | 0	X, X
8	<70	0 | 0	X, X
9	<70	0 | 0	X, X
10	<70	0 | 0	X, X
11	<70	0 | 0	X, X
12	<70	0 | 0	X, X
13	71	0 | 0	X, X
14	75	0 | 0	X, X
15	79	0 | 0	X, X
16	84	0 | 0	X, X
17	89	0 | 0	X, X
18	93	0 | 0	X, X
19	98	0 | 0	X, X
20	102	0 | 0	X, X
21	107	0 | 0	X, X
22	111	0 | 0	X, X
23	116	0 | 0	X, X
24	122	1 | 0	Hidden (*2*), X
25	126	0 | 1	X, Hidden (*4*)
26	129	0 | 0	X, X
27	133	0 | 0	X, X
28	137	0 | 0	X, X
29	140	0 | 0	X, X
30	144	2 | 0	Jim Lorrimore (*1*), Göran Åhlander (*4*), X
31	158	4 | 1	Susumu Ota (*5*), Victor Balacescu (*6*), Lukáš Puškáš (*1*), Nobuo Yamashita (*5*), Lukáš Puškáš (*7*)
32	164	1 | 2	Motoki Semura (*5*), Susumu Ota (*6*), Jim Lorrimore (*5*)