Spectacular Reasoning Assessment (SPECTRA)

Released: January 1, 2018

Norm: Final Norm (30 testees)

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

Submissions after September 6, 2020 won't be accepted for society admission due to answer leakage!

SPECTRA's norm will not be updated.

SPECTRA will continue to be scored though.

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.

Spectacular Reasoning Assessment (SPECTRA)

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:

Going into a large department store, I went into four aisles, each with a unique alphanumeric code, to find four items.

The first aisle I went into was 1K3I7U1 for school supplies. Next, I went into aisle 3I7G1B2 for socks, then aisle 7G1D9Z3 for shoes.

Logically, which of the following aisles did I go into next for shirts before going to the checkout line:

2K1Z2F3, 4A5X8F1, 8H2E0A4, 9W0E1L2, 1D9Q1C4, 0S5X6V1, 2B4H0J1, 6N2K7D3, 7O1C3M1, 3Z5Y7X2, or 9G1D9Z4

II. Verbal

9. Complete the series:

Yaw Roll ?

10. Complete the series:

Arctic Atlantic Indian Pacific ?

11. Find the missing element in this matrix:

Poem Book

?_ _ _ _ z _ Chapter

12. Find the missing element in this matrix:

Wire Bread

Cable ? _ _ _ u _

13. Complete the analogy:

Operate : Surgeon :: Grow : ? _ _ _ _ _ n

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14. Complete the analogy:

    Unusual kind of magic : Voodoo :: Unusual column of rock : ? _ _ _ _ _ _

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

    dad, deed, doom, dud

16. Problem Solving:

    For the word ***Divide***, replace 1 letter for something celestial; keep the letters in order after replacement: _ _ _ _ _ _

III. Numerical

17. Complete the series:

    22 43 85 169 337 ?

18. Complete the series:

    1 12 358 ? 34558

19. Find the missing element in this matrix:

    12345 168

    49684 ?

20. Find the missing element in this matrix:

7	1	0	7
5	2	2	5
3	3	2	7
2	4	1	?

21. Complete the analogy:

    1 2 : 3 :: 4 5 8 17 : ?

22. Complete the analogy:

    5 2 3 : 30 :: 35 7 8 9 11 : ?

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

    12678, 14579, 13456, 12589, 13567, 14578, 10456, 15679, 16789, 13789

24. Problem Solving:

    At a charity event, a total of 4120 shoes were collected from four companies (A, B, C, D). Company A donated the most shoes.

    Company A exceeded Company B by 1200 shoes, Company C by 540 shoes, and Company D by 360 shoes.

    How many shoes did Company B donate?

IV. Spatial

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

```
**                    *****
          ****              ******
     *          *******
                                ?
```

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

```
------          #===o
|| * |          | | |
*-----          |-- |
                |  \|
                .===x


     -----*          ?
     | * ||
     ------
```

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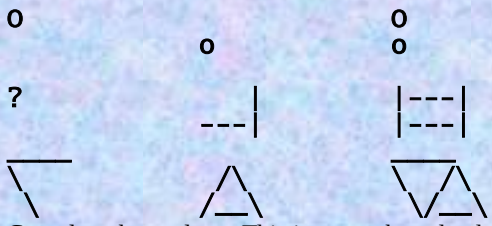
27. Find the missing element in this matrix. This item can be solved with your keyboard – drawing software is not required:

***	@	?
^	**	@@@
@@	^^^	*

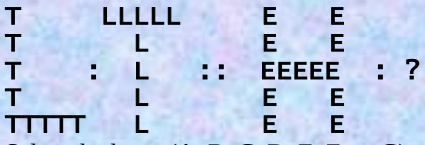
28. Find the missing element in this matrix. This item can be solved with your keyboard – drawing software is not required:



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.



The answer must contain 17 of a specific character (letter, number, or symbol).

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

A	B	C	D	E	F	G
{∫ → ∫}	{≠ → ≠}	{≈ → ≈}	{÷ → ÷}	{☆ → ☆}	{/ → /}	{- → -}

32. Problem Solving:

State the maximum amount of pieces that will result from a large cube of clay with 4-foot sides being cut in the following way: One cut is initially made, then four cuts are made in a different direction, and finally nine cuts are made on the cube in a completely different direction from the previous cuts. Cuts are never made diagonally and the pieces are never moved.

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

33. # @
34. {* !$
35. +(-(
36. ~= =~
37. < >
38. ^%* %^*
39. #- $&
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):

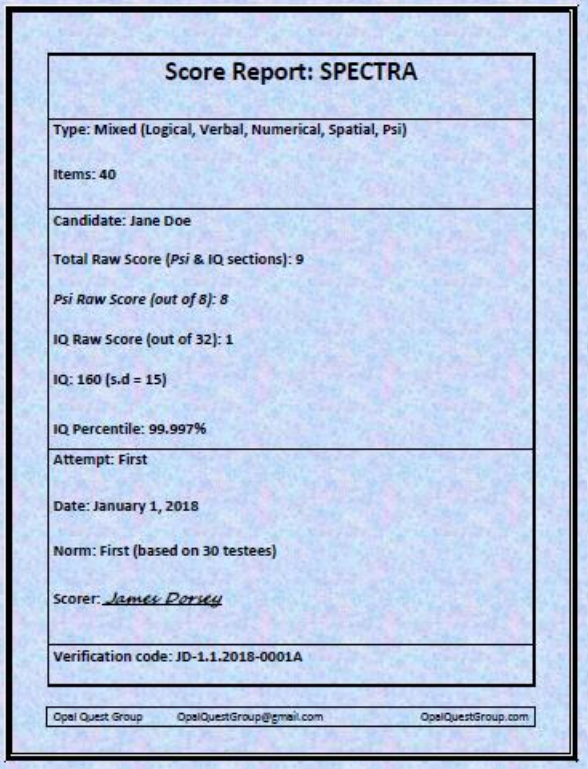
1. 4
2. Circle
3. xox

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.

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)	1st Attempt	2nd Attempt	1st Attempt	2nd Attempt
N/A (<5)|Estimate (5)	Free	$5	$5	$10
Preliminary Norms I|II (10|20)	Free	$5	$5	$10
Final Norm (30)	**$5**	**$10**	$10	$15

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

Score Report Example:



Score Report: SPECTRA

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, 2018

Norm: First (based on 30 testees)

Scorer: James Dorsey

Verification code: JD-1.1.2018-0001A

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Norming (October 2019)/Scoreboard

Norm (Z-score Equation): Final Norm (30 testees) Based on 1st Attempts: IQ Part: **Raw Median**: 25 **Mean**: 25.26 **σ**: 3.68 **Split-Half Reliability**: 0.7
Statistics/norm will not be updated because of answer leakage. The stats are from the first 35 testees (before answer leakage in early September 2020).

Correlations with other tests:	***Correlation between age and raw score*: 0.22**	***Estimated minimum g loading*: 0.7**	**Pairs** (≥ 3)	**Correlation**
Einplex			3	0.99
AIT			3	0.98
Numerus Light			3	0.96
FREE Fall			3	0.89
GRIT			6	0.79
AdSub			20	0.76
Alphabet			22	0.75
Reduction Riddles			21	0.70
12345			4	0.66
PatNum			22	0.66
OASIS			22	0.61
Numericore			4	0.61
Asterix			4	0.60
LSHR Light			3	0.56
MultDiv			18	0.42
COSMIC			29	0.42
ILLUSION			25	0.37
Fiqure			8	0.29
WIT			5	0.07
Lux25			5	-0.60
Mathema			4	-0.71
Tests with 2 pairs: Cattell Culture Fair, VERBALECTIQ, Triplex Light, Numerus Classic, Hieroglyphica, Anoteleia 44, PIGS 1st degree, RBMC, Logima Strictica 36, Mach, SEE30, Lexiq, Warp			26	0.82
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: 43 (1st, 2nd Attempts) *(Psi raw score out of 8 in italics by name)*
1	<80	0 | 0	X, X
2	<80	0 | 0	X, X
3	<80	0 | 0	X, X
4	<80	0 | 0	X, X
5	<80	0 | 0	X, X
6	<80	0 | 0	X, X
7	<80	0 | 0	X, X
8	<80	0 | 0	X, X
9	80	0 | 0	X, X
10	84	0 | 0	X, X
11	88	0 | 0	X, X
12	92	0 | 0	X, X
13	97	0 | 0	X, X
14	101	0 | 0	X, X
15	105	0 | 0	X, X
16	110	0 | 0	X, X
17	114	0 | 0	X, X
18	118	1 | 0	Andrius Jodinskas (*3*), X
19	122	2 | 3	Anfinn Bjartalíð (*5*), Javier Hilario (*5*), Tonny Sellén (*3*), Javier Hilario (*6*), Andrius Jodinskas (*4*)
20	127	1 | 0	Anthony Sepulveda (*3*), X
21	131	3 | 1	Tonny Sellén (*3*), Michael Albertson (*0*), Veronica Palladino (*4*), Jawdat Wehbe Wehbe (*3*)
22	135	3 | 2	Hidden2 (*1*), Lorenzo Amadori (*4*), Mohammed Benazzi (*0*), Anthony Sepulveda (*4*), Hidden2 (*1*)
23	139	3 | 0	José Enrique Benlloch Izquierdo (*3*), Jim Lorrimore (*3*), Nitish Joshi (*3*), X
24	144	4 | 2	Göran Åhlander (*2*), Patrick Liljegren (*4*), Jewoong Moon (*4*), Maximilian-Andrei Druță (*4*), Lorenzo Amadori (*4*), Mohammed Benazzi (*0*)
25	148	3 | 1	Jawdat Wehbe Wehbe (*3*), Joseph Hayes (*5*), Pierre Zakia (*4*), Göran Åhlander (*6*)
26	152	5 | 0	Konstantinos Ntalachanis (*4*), Nobuo Yamashita (*3*), Andrew Hayles (*5*), Enoch Kwak (*2*), Hidden3 (*5*), X
27	157	4 | 2	Alexandre Alves Duran (*0*), Huiquan Liu (*4*), James Gordon (*4*), Srinwan Roy (*2*), Maximilian-Andrei Druță (*6*), Jewoong Moon (*5*)
28	161	4 | 2	Tiberiu Sammak (*2*), Jason Rasmussen Robert (*5*), Hidden (*3*), Michael Papadopoulos (*4*), Jim Lorrimore (*5*), Susumu Ota (*6*)
29	165	2 | 1	Chris McLaren (*3*), Susumu Ota (*4*), James Gordon (*5*)
30	169	3 | 3	Daniel Hilton (*3*), Greg Cronau (*1*), David Quint (*3*), Alexandre Alves Duran (*4*), Tiberiu Sammak (*6*), Hidden (*4*)
31	174	3 | 0	Tim Roberts (*3*), Domagoj Kutle (*6*), Dragan Bezak (*7*), X
32	178	2 | 1	Liam Milliken (*5*) – Leaked answers to SPECTRA on September 7, 2020, Jo Christopher M. Resquites (*1*), Dragan Bezak (*7*)

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