Contest: Major Self-Assessment of Intelligence (MOSAIC)

Released: January 1, 2023

Norm: Preliminary Norm II (20 testees)

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

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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.

Major Self-Assessment of Intelligence (MOSAIC)

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:

   Read the following: All Xafs are Yafs. No Yafs are Zafs.

   Based on the above information, read the following statement and write TRUE to agree or FALSE to disagree: No Zafs are Xafs

II. Verbal

9. Complete the series:

   New ? Newest

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:

    Warm : Hibernation :: Cold : ? _ _ _ m _ _ _ _ _

14. Complete the analogy:

    Order is Needed : Permutation :: Order isn't Needed : ? _ _ _ b _ _ _ _ _ _ _

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

    December, Remember, November, September

16. Problem Solving:

    With one word, state what the following means: unexpected event: _ _ _ p _ _ _ _

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III. Numerical

17. Complete the series:

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

18. Complete the series:

    1E6A7F1G8A7F1G8A9 1F7A8G1H9 ? 1H9

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

1	?	1
1	1	1
1	1	1

20. 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

21. Complete the analogy:

    62914375 **:** 8 **::** 97148265 **:** ? (*no calculations*)

22. Complete the analogy:

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

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

    168077, 327688, 590499, 769366

24. Problem Solving:

    With the rounded numbers (1.3956 and 20.0855), only state, don't explain, how they relate with 1 special number: _

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:

    & **?**
    $% **$**
    ^& **^**

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

|	**_**	**L**
F	**_**	**?**

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:

    v : < :: ⊃ : ?

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

    -\| : T :: -< : ?

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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 horizontal line "-" on paper to make the top side identical to bottom side: D, X, K, C, U

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

33. 01 10
34. 12 21
35. 23 32
36. 34 43
37. 47 74
38. 58 85
39. 64 46
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):

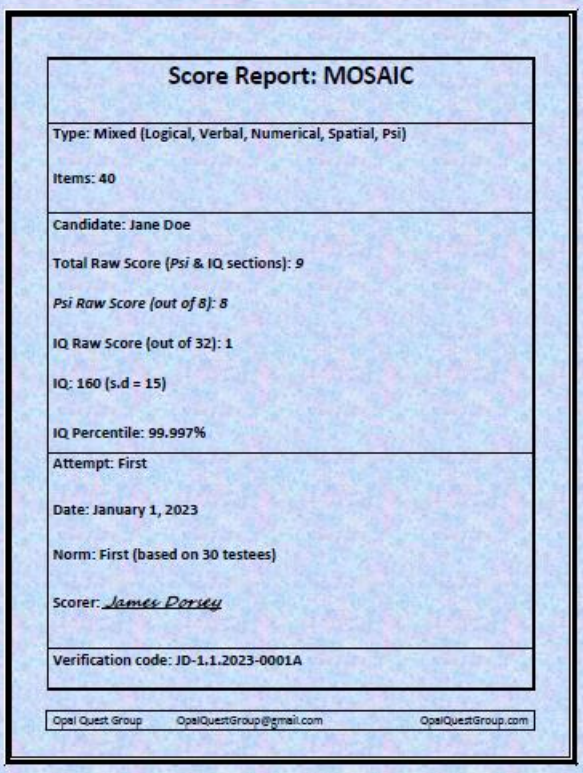
1. 4
2. Circle
3. xox

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
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: MOSAIC

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, 2023

Norm: First (based on 30 testees)

Scorer: *James Dorsey*

Verification code: JD-1.1.2023-0001A

Opal Quest Group OpalQuestGroup@gmail.com OpalQuestGroup.com

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Norming (September 2024)/Scoreboard

Norm (Rank Equation): Prelim. Norm II (20 testees) Based on 1st Attempts: IQ Part: **Raw Median**: 30 **Mean**: 29.42 **σ**: 2.24 **Split-Half Reliability**: 0.73

Correlations with other tests:	***Correlation between age and raw score*: N/A**	***Estimated minimum g loading*: N/A**	**Pairs** (≥ 3)	**Correlation**
Rhyming Riddles			8	0.92
ASMuDi			13	0.91
Lux25			4	0.89
Numerus Classic			3	0.87
Mathema			4	0.81
IGNITER			14	0.76
Numerus Light			4	0.75
METEOR			13	0.73
MultDiv			8	0.72
COSMIC			17	0.69
LSHR Light			3	0.62
PatNum			16	0.61
Reduction Riddles			9	0.60
Replacement Riddles			10	0.60
Alphabet			15	0.59
CELESTIAL			13	0.57
AdSub			12	0.43
Fiqure			9	0.43
SPECTRA			8	0.43
OASIS			14	0.34
ILLUSION			18	0.31
Warp			4	0
FREE Fall			4	-0.03
Lexiq			4	-0.28
Asterix			5	-0.31
WIT			6	-0.47
Hieroglyphica			3	N/A
Tests with 2 pairs: Register, LS36, Mach, Daster, One Dollar IQ Test, GIFT Verbal, Lipt, GRIT, Reason Behind Multiple-Choice - Revision 2008, Numerus Light 2, Numerus, FREE Fall Pt. 2, DOMESTIQ, WITT			28	-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: 26 (1st, 2nd Attempts) *(Psi raw score out of 8 in italics by name)*
<13	<70	0 | 0	X, X
13	71	0 | 0	X, X
14	76	0 | 0	X, X
15	81	0 | 0	X, X
16	86	0 | 0	X, X
17	91	0 | 0	X, X
18	96	0 | 0	X, X
19	101	0 | 0	X, X
20	106	0 | 0	X, X
21	111	0 | 0	X, X
22	116	0 | 0	X, X
23	118	1 | 0	Hidden2 (*4*), X
24	126	1 | 0	Hidden (*1*), X
25	134	1 | 0	Göran Åhlander (*6*), X
26	137	0 | 0	X, X
27	141	0 | 1	X, Hidden (*5*)
28	144	1 | 0	David Quint (*4*), X
29	149	6 | 1	Jim Lorrimore (*5*), Lukáš Puškáš (*3*), Nobuo Yamashita (*4*), Enoch Kwak (*5*), Jewoong Moon (*5*), Ivan Veljačić (*3*), Jim Lorrimore (*5*)
30	158	9 | 3	Nima Karimi-Busheri (*3*), Susumu Ota (*4*), Jo Christopher M. Resquites (*6*), Nistor Sebastian-Claudiu (*5*), Veronica Palladino (*4*), Hidden3 (*5*), Jonathan Blevins (*0*), Michael Papadopoulos (*5*), Motomasa Kurosawa (*4*), Susumu Ota (*3*), Hidden4 (*5*), Michael Papadopoulos (*5*)
31	161	3 | 3	Motoki Semura (*1*), Hidden4 (*5*), Mert Olcay (*0*), Lukáš Puškáš (*6*), Motoki Semura (*7*), Jonathan Blevins (*0*)
32	164	4 | 0	Lukas Pöttrich (*3*), Marco Falchi (*2*), Tianxiang Shao (*6*), Victor Balacescu (*5*), X

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