Contest: Major Self-Assessment of Intelligence (MOSAIC)

Released: January 1, 2023

Norm: Preliminary Norm I (10 testees)

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

Test Designer: James Dorsey

Table of Contents

Topic	Page

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 _ _ _ _

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:

    ∨ **:** < **::** ⊃ **:** ?

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 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?

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

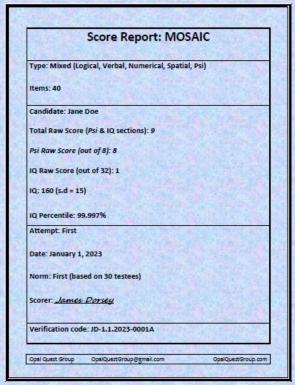Attempt (1st or 2nd time taking this test)
Your Solutions (For example):
1. 4
2. Circle
3. xox

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

OpalQuestGroup.com

Norming (February 2023)/Scoreboard

Norm (Rank Equation): Prelim. Norm I (10 testees)   Based on 1st Attempts: IQ Part: **Raw Median**: 29   **Mean**: 29.18 σ: 2.01   **Split-Half Reliability**: 0.74

Correlations with other tests:	*Correlation between age and raw score*: N/A	*Estimated minimum g loading*: N/A	Pairs ($\geq$ 3)	Correlation
Rhyming Riddles			4	1
Lux25			3	0.94
ASMuDi			10	0.86
METEOR			9	0.68
Alphabet			12	0.66
Numerus Light			3	0.65
COSMIC			13	0.62
LSHR Light			3	0.62
CELESTIAL			10	0.60
IGNITER			10	0.58
Replacement Riddles			8	0.53
Reduction Riddles			5	0.52
Fiqure			8	0.51
Asterix			3	0.50
MultDiv			5	0.49
PatNum			10	0.48
OASIS			9	0.38
SPECTRA			7	0.35
ILLUSION			12	0.12
Warp			4	0
AdSub			8	-0.02
FREE Fall			4	-0.03
Lexiq			4	-0.28
WIT			5	-0.52
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			18	0
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: 17 (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	<70	0 | 0	X, X
14	<70	0 | 0	X, X
15	<70	0 | 0	X, X
16	75	0 | 0	X, X
17	81	0 | 0	X, X
18	87	0 | 0	X, X
19	93	0 | 0	X, X
20	99	0 | 0	X, X
21	105	0 | 0	X, X
22	111	0 | 0	X, X
23	117	0 | 0	X, X
24	118	1 | 0	Hidden (*1*), X
25	134	1 | 0	Göran Åhlander (*6*), X
26	138	0 | 0	X, X
27	142	0 | 1	X, Hidden (*5*)
28	146	1 | 0	David Quint (*4*), X
29	150	6 | 1	Jim Lorrimore (*5*), Lukáš Puškáš (*3*), Nobuo Yamashita (*4*), Enoch Kwak (*5*), Jewoong Moon (*5*), Ivan Veljačić (*3*), Jim Lorrimore (*5*)
30	161	5 | 1	Nima Karimi-Busheri (*3*), Susumu Ota (*4*), Jo Christopher M. Resquites (*6*), Nistor Sebastian-Claudiu (*5*), Veronica Palladino (*4*), Susumu Ota (*3*)
31	165	1 | 2	Motoki Semura (*1*), Lukáš Puškáš (*6*), Motoki Semura (*7*)
32	171	2 | 0	Lukas Pöttrich (*3*), Marco Falchi (*2*), X