



# Hardest Examination of Logic and Language

PRESENTING HELL | TRIAL BY FIRE | RAPTURING HELLIGENCE

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## **SUBMISSION PROCEDURE**

In order for submissions to be officially registered: the form 'biographical data and registration' and 'prior test scores for norming and standardization' MUST be completed and duly sent with the 'answer sheet', plus €30 fee annexed via PayPal:

**brennanharpermartin@gmail.com** - WHEN SUBMITTING DO ENTER "HELL SUBMISSION" IN THE E-MAIL SUBJECT LINE.

SCORE REPORT (containing raw score and preliminary I.Q. score for  $N = 30$ ) is e-mailed to you normally within 30 hours. Reporting of all prior supervised and experimental test scores, via officially normed first attempts, is plenty appreciated.

Submission policy: ONE ATTEMPT PER PERSON (translation: retests are not allowed) and MANDATORY SCORE LISTING. PROOF OF IDENTITY is required to obviate pseudonymous retests (e.g. - driver's license, passport, and national ID card).

## **TEST DIRECTIONS**

- Items have not been rank-ordered by difficulty or solvability.
- Misspellings and/or formatting errors see ZERO marks given.
- Solutions only ever contain letter(s) or digit(s) no symbol:  $\emptyset$ .
- Duplicate solutions ARE precluded and CANNOT show twice.
- Correct solutions earn 1 point for a maximum raw score of 30.

## **PIT-HOUSE RULES**

- Solutions MUST be accompanied by 'detailed proofs' to eliminate guessing. (HELL isn't a casino!)
- There is no enforceable time limit. 30 hours is recommended for best results as a bare minimum.
- HELL is open-book. Use of reference aids (Books, Internet, Calculator, etc.) is hence permissible.
- This document is copyright protected and should not be published elsewhere. A hyperlink is OK.
- DO NOT take counsel from third-parties. WALK SOLO TOWARD YOUR ULTIMATE JUDGEMENT.

## ANSWER GUIDELINES

- Solutions are case-sensitive and should technically be entered in upper case. (Be a sport and use CAPS LOCK.)
- Solutions are British-American spelling invariant. (Eschewing answers like ALUMINIUM versus ALUMINUM.)
- Submit ONE solution only for each item. (Sending multiple answers for the same question is zero by default.)
- Solve and earnestly attempt every item to the best of your ability. (Dot 'N/A' on the 'Answer Sheet' if need be.)
- Solutions must be sent simultaneously. (Subsequent additions and/or corrections will not be acknowledged.)

## WORKED EXAMPLES

Example A: 13, 52, 75, 110, 73, (52)

Explanation: A - L - T - E - R - E - D - S - T - A - T - E (Periodic Table Cipher.)

Proof: Let the phrase ALTERED STATE be coded via chemical symbols.

13	52	75	110	73	52
Al	Te	Re	Ds	Ta	Te
Aluminium	Tellurium	Rhenium	Darmstadtium	Tantalum	Tellurium

Example B: Y - H - Y - Y - (R)

Explanation: Prime months of the year are sequenced by en(d) letters.

Proof: Let the PRIME MONTHS be color-coded (2 - 3 - 5 - 7 - 11).

JANUARY-FEBRUARY-MARCH-APRIL-MAY-JUNE-JULY-AUGUST-SEPTEMBER-OCTOBER-NOVEMBER-DECEMBER

1 - ISI 2ISI SSI 2II ?

2 - EIGHT BEAT : EYE :: SIX BEAT : ?

3 - 6+13 9+2 10+6 ?+10

4 - ? N U E O E

5 - WET : 30 :: TAG : ?

6 - PIE BEC CHI : EON :: SEE LIE FRO : ?

7 - NAG : SAD :: ACT-I : ?

8 - TEARS : HEAR SET :: SWEET : ?

9 - 2 4 9 8 15 12 7 16 ?

10 - 39 40 57 44 ?

11 - 40 : 2754 :: 25 : ?

12 - SOLAR DWARF ORBIT SPACE COMET STUDY



13 - 8 3 5 3 2 4 6 6 3

14 - 14 22 6 5 2

15 - 5 5 9 9 5 5 5 2 5 2

16 - 8 2 6 1 9 8 8 4 2 2

17 - 000000 : AM ART :: 00XX00 : ?

18 - 17 19 39 29 31 15 2

19 - HOST : A PARIS :: HOST : ?

20 - X000000000 : CURRENT :: X0X000 : ?

21 - HTRENTYNCLTDSCTLYT CGLCSGNSD †

22 - 0 0 0 0 0 0 X 0 0  
X X X X X X

23 - ? ? 1 2 ? ? 4 4 ? ? 3 2 ? ? 5

24 - 5 3 6 1 ? ? 4 1 1 1



25 - 01111 10001 00110 00001

26 - 49 54 350 678 235

27 - TWICE MIND GO

28 - 45 14 67 15 17 ?

29 - 24 31 22 10 ?

30 - 16 + 15 + 12 + 17 = 36942575











