



Hardest Examination of Logic and Language

WELCOME TO HELL | TRIAL BY FIRE | RAPTURING HELLIGENCE

© 2020 BRENNAN MARTIN | XXX DEVILISHLY DIFFICULT PROBLEMS | DO WHAT THOU WILT

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': prepay €30 donation via PayPal:

brennanharpermartin@gmail.com – Enter 'HELL SACRIFICE' in the e-mail subject line to submit your soul for reckoning.

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 and MANDATORY SCORE LISTING are “necessary evils” for test security. PROOF OF IDENTITY is required to limit anonymous/pseudonymous efforts (driver's license, passport, 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: Ø.
- Duplicate solutions are PRECLUDED (so, cannot show twice).
- Correct solutions (with valid explanation/proof) earn 1 point.

PIT-HOUSE RULES

- Scores are FINAL and absolute, not open for discussion nor debate. Take the poor result to heart.
- This document (instructions & test problems) may be modified at any time, without prior notice.
- 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- This document is copyright protected and should not be published elsewhere.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 a third-party. WALK SOLO TOWARD YOUR ULTIMATE JUDGEMENT.

ANSWER GUIDELINES

- Solutions **MUST** come with step-by-step explanations and proofs to eliminate guessing. (HELL is not a casino.)
- 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.)
- Solutions **MUST** be sent simultaneously. (Amendments are not strictly granted as that would allow feedback.)

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: F – M – M – J – (N)

Explanation: Prime months of the year are sequenced via start 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 - ?+10 10+6 9+2 6+13

4 - ? N U E O E / SANDERS

5 - WET : 30 :: TAG : ?

6 - LIE BEC CHI : EON :: WEE LIE FRO : ?

7 - WORKBOX GODSIB QUARTZ FACTOR V

8 - CULPA TRIAD DRUGS ASPIC APRON

9 - 2 4 9 8 15 12 7 16 ?

10 - 39 40 57 44 ?

11 - 40 : 3649 :: 25 : ?

12 - SOLAR DWARF ORBIT SPACE COMET JETTY

13 - 8 3 5 3 ? 4 6 6 3

14 - 174014 0506 0109 07075

15 - 8 1 1 3 ? 8 6 5 2

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

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

18 - 17 19 39 29 31 15 ?

19 - HOST : A PARIS :: HOST : ?

20 - GUN BEVERAGE CRUX TRADEMARK

21 - O H J D T W R C

22 - 161 159 213 143 45 . CUNNINGHAM

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

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

25 - SLIM : HORN :: SLOB : ?

26 - 22 LUR RAN ON EYE QUIN 13

27 - TWICE MIND GO

28 - ? 14 25 45 06 56 67 26 14

29 - 10500 1890 1743 ?

30 - 1 TO 30 = 36946152 : POEM

