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PARROT

JA. E-9. That's an unusual Null Pattern.

APEX DX Cryptography Insight

MA. 2021. AC-1282. Null. Piphilology. (its)

LIONEL

A check of the title on Google and Wikipedia yields its definition: Piphilology comprises the creation and use of mnemonic techniques to remember many digits of the mathematical constant π . The word is a play on the word "Pi" itself and of the linguistic field of philology. Wikipedia goes on to identify the number π as a mathematical constant and defines it as the ratio of a circle's circumference (ambit) to its diameter, identifying the numbers of the mathematical constant which identifies the key in this Null construction. (First 26 digits of Pi, one digit for each ciphertext word). A fascinating account of its history reveals its discovery by Welsh mathematician William Jones in 1706 referring to Ancient civilizations including the Egyptians and Babylonians, making use of the Greek mathematician's algorithm in 250 BC and approximating π with arbitrary accuracy. (Joy of pencil and paper solving.)

Early American Arithmetic

APEX DX

If twenty dollars and fifty cents
Will buy a load of hay;
How many dollars and how many cents
For twenty loads will you pay?

The Tyro Tutorial

Available at our ACA web site under Resources. It describes the solution process to some thirty different cipher types and includes a Railfence Template, Polyomino Congruent Squares by APEX DX, a comprehensive listing of Null Variables by BION, Foursquare Cipher digraph frequencies by RISHU, and the use of Google as a solving tool.

The Code Book by Simon Singh on CD-ROM – Free

An interactive version with animations, encryption tools, video clips, mathematics and a virtual Enigma machine.

Free Code and Cipher Books – Place an order. The mailing is also free.

Baconian Cipher - Gallup

Codes and Ciphers – Wrixon

Code Breakers – Hinsley & Stripp

Invitation to Cryptograms–Williams

Mysterious Messages – Blackwood

Pioneers in Cryptology - NSA

Practical Cryptanalysis – B. NATURAL

Problem Solving – R. Masterton

Secret Writing - Lysing

Shakespeare Equals Bacon? – Peck

Substitution Ciphers – S-TUCK

Challenging Cryptograms -

Payne

ZANAC's Gimme a Break – JA Aristocrats (may be digraphs / trigraphs)

A-1, the (2), A-2, that, A-3, the (2), A-4, you (2), A-5, the (2), A-6, that, A-7, and, A-8, ing (2), A-9, you (5)

A-10, the (6), A-11, it (2), A-12, that, A-13, it (3), A-14, is (2), A-15, the (5), A-16, what (3), A-17, the (3), A-18, the (2), A-19, the (3), A-20, after, A-21, the (2), A-22, that, A-23, ing (2), A-24, it is, A-25, Pattern word, BZXZIIVHS.

ZANAC's Gimme a Break - JA Patristocrats (may be digraphs / trigraphs) (1) unless otherwise stated

P-1, you (2), P-2, the (4), P-3, the (4), P-4, that, P-5, the (2), P-6, the (2), P-7, the (5), P-8, the (2), P-9, that, P-10, the (3), P-11, WIUF=from, P-12, the (2),ing (2) P-Sp-1, Alliteration, F, ing (2) P-Sp-2, Alliteration G=h.

MJ. A-24. Aristocrat. No warmth. K2. Crib: “afar” **OOBOO**

MJ. P-10. Patristocrat. Police tool! K3. (CHXYR) DNA Index System. **THE RAT**

MJ. X-11. Spanish Keyphrase. Love letter. (esta carta) Begins “Escribo” **EL CONDOR**

MJ. X-Sp-1. German Numbered Key. PARROT: Extended crib “balderfahrendassessschlimmer” **BION**

MJ. X-Sp-2. Condi. WWII. MSCREP: Extended key: “combatteremo sulle spiagge” **SUSSI**

MJ. E-4. Portax. Strong foundations. (one is) Period Six. Common trigraph opening. **BECASSE**

MJ. E-11. Incomplete Columnar. Keep moving. (YHIOAB) Period Eight. Common trigraph start. **EL CONDOR**

MJ. E-12 Nihilist Substitution. Truthful observations. (Five minute) Period 13. Begins “There is” **MANDRAKE**

MJ. E-13. Ragbaby. Scandal-sheet “classified.” (mail order) MSCREP: Begins “Yugoslavian” **APEX DX**

MJ. E-15. Amsco. Nothing fishy here. (hundred) PARROT: Period Eight. Begins “Of interest” **AURION**

MJ. E-16. Phillips. What a racket. **RIG R. MORTIS**

MSCREP: Crib extension “drug in two thousand eight” placed at position 55. Begins “Hydro-)

MJ. E-18. Bazeries. Long time no see. (years) PARROT: Key begins “FORTY” **RIG R. MORTIS**

MJ. E-23 Trifid. Avian condos? MSCREP: Ends “the million dollar birdhouse” **RIG R. MORTIS**

MJ. E-24. Quagmire III. Disappeared at end of Permian period. Period 5. Crib placed at position 57. **BION**

MJ. E-25. Quagmire IV. Left-right-left-right. **THE DOC**

MSCREP crib extension “minthasadifferentconventionforcoins” placed at position121.

MJ. C-12. Duodecimal Division. (Three words, 0-B) Last word “GOLD.” **LIONEL**

MJ. C-14. Division. (Two words, 0-9) Last word “DAY” **FUNERALLY**

MJ. C-Sp-2. Addition. (No word, 0-9) Begins MO, ends TA. **WORD WIZARD**

MJ. AC-1287. Grandpre. Little influence. MSCREP: Ext crib “by voting for one or two men once ” **EL CONDOR**

MJ. AC-1288. Quagmire IV. Historic Party. **EL CONDOR**

MSCREP: Extended crib “lodgeBostonthey did the righththingital” placed at position 152

MJ. AC-1290. Numbered Key. What am I? MSCREP crib: Ends “and yet I am everything.” **BION**

JA. A-24. Good is enough. K4. Six good pattern words. **BARK**

JA. P-11. P-11. Legendary creatures. K#. (ZLIG) Mystic lumberjack threats. **G-MAN**

JA. X-2. Xeno Aris. Afrikaans. K1. Language origins. (jongste) Opening plaintext identifies language. **DONSIE**

JA. X-7. ???? What’s the point? K2. (English key). (que-3) Language does not appear, X-1 through X-6. **BION**

JA. X-Sp-2. Italian unknown. Italian magistrate. Crib extension, (eccellentissimiimitare) **LIONEL**

JA. E-1. Homophonic. Mythical. (ALIOJ) Keyword begins with H; Pt begins with common three letter word. **ZSA**

JA. E-2. Beaufort. Idiom. (QCNB) Period Five. Keyword begins with S. **DOPPELSCHACH**

JA. E-3. Amsco. One of our failings. (squander-2) Period Nine. Plaintext begins, “We” **EL CONDOR**

JA. E-4. Railfence. The best medicine. (proves) Period Seven, four offsets. **GUD E. NUFF**

JA. E-6. Morbit. Could have planned better. (NCGY-2) Begins, “Why” **KEPLER**

JA. E-7. Route Transposition. Boring job. Not as easy as an E-7 Column placement would suggest. **THE RAT**

PARROT: An 8 x 9 matrix. Ciphertext input route: Internal reverse spiral beginning at column block 4, row block 4.

JA. E-9. Null. Galactic movie mantra. Plaintext begins, “May,” ends, “you.” **WORD WIZARD**

JA. E-11. Keyphrase. Finding yourself. (vacation) Proper noun *Iceland. **RIG R. MORTIS**

JA. E-12. Unknown. Attention sailors. (-led) 105 ciphertext letters points to Baconian. “The Star” **THE RAT**

JA. E-22. Quagmire III. Listen carefully. PARROT: Period 7, crib at position78, begins, “The tiny” **THE DOC**

JA. C-8. Addition. (No word, 0-9) A = 0, M = 4, E = 8. **WORD WIZARD**

JA. C-9. Division. (Two words, 1-0) L = 1, B = 5, K = 9. **FUNERALLY**

JA. C-14. Duodecimal multiplication. (Two words, 0-B) P = 0, K = 5, U = A. **BION**

JA. AC-1293. ??? Shakespeare quotes. (oy-) **THE RAT**

See JA E-12 reference to number of ciphertext letters divisible by five. Look for Shakespeare quotation with “oy-“
Sunny Ciphering, LIONEL