Porta Cipher Solving   RISHU

A ciphertext letter from the first half of the alphabet cab only represent a plaintext letter from the second half of the alphabet and vice versa. Thus ciphertext letters A through M cannot stand for any plaintext letters from "a" to "m" and ciphertext letters N through Z cannot stand for any plaintext letters "n" through "z". Editor's note: In the MJ Cipher Exchange Porta "Like there's no tomorrow" the crib letters "dessert" can only be represented by the ciphertext letters "TTBMSHB" appearing near the end of the cipher construction.

The Joy of Pencil and Paper Solving.

The *Cm* cipher title and accompanying crib provide extensive openings to employ the computer research tools at our disposal to unveil vast stores of input and knowledge of the world around us while working on the solving process with pencil and paper to uncover additional cipher plaintext. A path to three construction decipherments follow:

JF. 2023. E-18 Bifid. Classic 1973 jingle. (-asaf- irstnam eit-)   WORD WIZARD

This construction title and crib say it all. Simply Google its title and a simple crib extension for all of the plaintext.

MA. 2023. X-4. Italian. Democratic necessity. (della)   SCHMOO

Construction title and crib lead to Italian democracy quotation of Bertrand Russell, British philosopher and pacifist, and ample plaintext of Italian verbiage for democracy, eloquence, immunity and importance.

MJ. 2023. AC-1348. Quagmire IV. Painted scene. (a nouveau art lantern)   BION

Elizabeth Taylor, English novelist, quotation supplies entire plaintext for this construction from the given crib of "a nouveau art lantern." Quotation begins, "Out of the swollen gilded Turneresque sky"

Universal Phoebee Circular Cipher Slide, for Beaufort, Gronsfeld, Porta, Portax, Vigenere cipher solving. **(Free)**

The Tyro Tutorial

This is available at our ACA web site under Resources. It describes the solution process to some thirty different cipher types, a comprehensive listing of Null Variables by BION and the use of Google as a solving tool.

ZANAC's Gimme a Break – JA Aristocrats (may be digraphs / trigraphs)
A-1,that, A-2, that, A-3, I am (3), A-4, L. L. (2), A-5, ss (2), A-6, of (2), A-7, that, A-8, you (2), A-9, the (2),
A-10, the (2), A-11, times (2), A-12, the (3), A-13, the (2), A-14, the (2), A-15, that, A-16, and, A-17, the (2)
A-18, the (2), A-19, the (4), A-20, Mary (2), A-21, ary (2), A-22, BVS=the, A-23, ry-3, A-24, Thylacoleo,
A-25, dog (3).

ZANAC's Gimme a Break - JA Patristocrats (may be digraphs / trigraphs)
P-1, pizza, P-2, the (3), P-3, that (2), P-4, the (2), P-5, ing (2), P-6, that, P-7, the (3), P-8, the (4), P-9, you (24),
P-10, JDHYI=upset, P-11,ough (2), P-12, the (2), P-Sp-1, JKIRES-squirm, P-Sp-2, JSKBX=equal.

MJ-1. Cm Bifid. European holiday destination. (villages clinging like)   **PELKABO**
PARROT: Plaintext start: "This stretch of"
MJ-2. Nihilist Transposition. Drink up! (NBUN) PARROT: Break into 49 and 16 digit squares.   **XAMAN EK**
MJ-3. Nihilist Transposition. Unwanted passenger. PARROT: Break into 36, 36 and9 digit squares. **XAMAN EK**
MJ. A-24. The magic act. K3. Fourth plaintext word synonym for magic tricks.   **SHMOO**
MJ. P-12. Different views. K3. (QCHX) Negative and positive thought processes.   **DANEEL**
MJ. X-1. German. Bucket list? K2. (eine) Begins "Zwischen"   **SCORPIUS**
MJ. X-7. ???? From French "Rights of Man." K2. (English Key) Second plaintext word, "principio" **SHMOO**
MJ. X-9. Morbit. Beware. (XAYKY) Begins, "La plus"   **SCORPIUS**
MJ. E-7. Myszkowski. Clever chairs. (chairs spelling) Period Seven.   **SHMOO**
MJ. E-12. Phillips. The customers. PARROT extended crib: **"**sstochasticsanamaxan"   **BION**
MJ. E-20. Bazeries. Snack trick. (AINBYLY) Digit key begins, 22   **THE RAT**
MJ. E-21. Tridigital. Classical scholar's pun. (gilgamesh) MSCREP: Begins, "Why" separator. 9.   **BION**
MJ. E-22. Bifid. No longer protected. PARROT crib extension. "fox was removed from the endangered" **ICECAP**
MJ. E-23. Grandpre. Long history of cultivation.   **SHMOO**
MSCREP crib extension: "crossbred heavily starting in the nineteenth"
MJ. E-25. Numbered Key. Start of a new day.   **SCORPIUS**
PARROT crib extension: "was remarked that the clock began to strike and"
MJ. C-12. Duodecimal Square Root. (Two words, B-0) S = 8, L = 4, E = 1   **ARIES**
MJ. C-14. Multiplication. (Three words, 0-9) O = 1, Y = 5, T = 8   **WORD WIZARD**
MJ. C-Sp--1. Addition. (One word, 0-9) T = 2, H = 5, C = 9   **SHMOO**
MJ, AC-1348. Quagmire IV. Painted scene.   **BION**
MSCREP Period Eight crib extension: "a nouveau art lantern and surrounded by a flock)
JA. A-24. Extinct marsupials. K4. Begins, "Thylacoleo"   **BION**
JA. A-25. Short story. K3. Begins, "Old man"   **WORD WIZARD**
JA. P-Sp-2. Life, prosper. K2. (YKOUF) JSKBX = equal   **REGIR**
JA. X-3. Esperanto. Star Wars quote. K. Plaintext begins, "Vader:" Quotation refers to "circle." **SHMOO**
JA. X-7.???? What completes a man. K2. (English key) MJ X-7 language type. V = a   **SHMOO**
JA. X-8. French Patristocrat. Right or wrong. K2. Extended crib: pour lavoir ete at position 27. **THE RAT**
JA. E-2. Null. Irrefutable logic. (part) Key length = 9. Some words have additional key numbers.   **H20**
JA. E-3. Gronsfeld. Long walks. (day) Period Seven. Begins with common three letter trigraph.   **BION**
JA. E-5. Fractionated Morse. ACA essence, per Chat GPT. (WLSJNIALUG) Crib begins after "A" start   **BION**
JA. E-6. Morbit. A getaway. (MNUHXCHA) Begins with common three letter trigraph.   **TSIOLKOVSKY**
JA. E-10. Railfence. Humorous fortune. (only waits) Five rails. Begins with creators of fortune cookie.   **SHMOO**
JA. E-14. Monome- Dinome. What pets can teach us. Side letters – 4, 5. Plaintext begins "A boy"   **ICE CAP**
JA. E-21. Vigenere. The games we play. (PYLVM) Period 7, begins with common 3 letter trigraph.   **CTHULHU**
JA. E-23. Nicodemus. Sweet tooth. (LUNCIHM) MSCREP: Period Ten. Begins, "The orig-)   **DANEEL**
JA. E-26. Tridigital. Famous geology. (thousand feet) Separator – 7. Four common three letter trigraphs. **SHMOO**
JA. C-1. Cube Root. (Two words, 0-1) E = 0, L = 7, M = 3,   **SCRUFFY DOG**
JA. C-6. Division.. (One word, 0-9) A = 0, N = 4, H = 7   **WORD WIZARD**
JA. C-11. Duodecimal Division. (Two words, 0-B) C = 0, T = 4, P = 7.   **LI'L GAMIN**
JA. C-14. Addition. (No word, 0-9) R = 0, H = 4, T = 7,   **SCORPIUS**
JA. AC-1354. Quagmire IV. Philosophy of dynamite. Period Fourteen.   **BION**
Plaintext start – "Nitroglycerine" Extended crib – "nitroglycerine with care and mix it with diatomaceous"
Sunny Ciphering, **LIONEL**