Instructions for Cryptarithmetic Problems

- Alphabets can take up only one distinct value.

- Alphabets can only take up values between 0-9.

- Decoded numbers can't begin with 0, for example, 0813.

- Problems are uni-solutional.

- 19 is the max value with a carryover for two one-digit number in the same column addition

- Carryover can only be 1 for addition problems

1. HERE = COMES – SHE, (Assume S = 8). Find the value of R + H + O.

    a) 15   **b)** 18   **c)** 14   **d)** 12

2. N O + G U N + N O = H U N T, find the value of HUNT.

    a) 1082   **b)** 1802   **c)** 1208   **d)** 1280

3. If POINT + ZERO = ENERGY, then E + N + E + R + G + Y = ?

    a) 17   **b)** 15   **c)** 19   **d)** 18

4. USA+USSR=PEACE FIND P+E+A+C+E

    (a) 10   (b) 14   (c) 25   (d) 12

5. TEE+LET=ALL where E=5 find A+L+L

    (a) 17   (b) 9   (c) 10   (d) 12

6. NO+NO+TOO=LATE if E=2 value of O+L+E

    (a) 6   (b) 7   (c) 8   (d) 9

7. COCA + COTA = OASIS each letter consist uniqe digit(0-9) then find S+O+T+I+C+A

    (a) 27   (b) 28   (c) 26   (d) 29

8. SUN+URANUS+VENUS=EUROPA, find the value of EUROPA

    (a) 213950   (b) 213940   (c) 215930   (d) 213490

9. EUROPA+JUPITER=NEPTUNE, find the value of NEPTUNE

(a) 2570297   (b) 2750927   (c) 2750972   (d) 2570927

10. COMET+SATURN=URANUS, find the value of URANUS

(a) 354932   (b) 359432   (c) 359423   (d) 359342

11. CHARON+COMET+EARTH=TRITON, find the value of TRITON.

(a) 265334   (b) 265234   (c) 265334   (d) 256233

12. MAC + MAAR = JOCKO, find the value of 3A + 2M + 2C.

(a) 31   (b) 36   (c) 33   (d) 38

13. If "EAT + THAT = APPLE", what is the sum of A+P+P+L+E?

(a) 13   (b) 14   (c) 12   (d) 15

14. YOUR + YOU = HEART (Assume O = 4). Find the value of Y+U+R+E

(a) 15   (b) 16   (c) 17   (d) 18

15. If APPLE+LITCHI=CHERRY, then find thw value of C+H+E+R+R+Y=?

(a) 21   (b) 22   (c) 23   (d) 24

16. If EVER + SINCE = DARWIN then D + A + R + W + I + N is ?

(a) 23   (b) 41   (c) 34   (d) 16

17. BANANA+GUAVA=ORANGE. What is the value of O+R+A+N+G+E?

(a) 32   (b) 33   (c) 31   (d) 34

18. HOW+MUCH=POWER then P+O+W+E+R=?

(a) 12   (b) 13   (c) 14   (d) 15

19. EAT+EAT+EAT=BEET if t=0 then what will the value of TEE+TEE

(a) 088   (b) 077   (c) 066   (d) 055

20. FORTY + TEN + TEN = SIXTY, find the value of T+E+N.

    (a) 11   (b) 22   (c) 31   (d) 24

21. If AA + BB = ABC, then what is the value of A+B+C= ?

    (a) 15   (b) 18   (c) 21   (d) 12

22. If CROSS + ROADS = DANGER then D+A+N+G+E+R=?

    (a) 31   (b) 21   (c) 11   (d) 16

23. If WORLD+TRADE=CENTER, then the value of C+E+N+T+E+R

    (a) 23   (b) 25   (c) 21   (d) 27

24. If tin+tin+tin=pipe+pipe where i=4, find the value of tin.

    (a) 940   (b) 942   (c) 946   (d) 944

25. If WAIT+ALL=GIFTS if all letters have digits then waht is the value of T+A+G(A=5,S=6)

    (a) 12   (b) 13   (c) 14   (d) 15