CRYPTARITHMETIC

1. Decrypt PASCAL.

$$
\begin{array}{r}
\textbf{B A S I C} \\
+\ \textbf{L O G I C} \\
\hline
\textbf{P A S C A L} \ .
\end{array}
$$

A. 142345
B. 108204
C. 126523
D. None of these

2. Decrypt ZITHER.

$$
\begin{array}{r}
\textbf{C E L L O} \\
+\ \textbf{H O R N} \\
\hline
\textbf{Z I T H E R}
\end{array}
$$

A. 104862 B. 125647 C. 134762 D. None of these

3. Decrypt FOLDER.

$$
\begin{array}{r}
\textbf{C R A S H} \\
+\ \textbf{E R R O R} \\
\hline
\textbf{F O L D E R}
\end{array}
$$

A. 236481
B. 248915
C. 154987
D. None of these.

4. Decrypt EUROPA.

$$
\begin{array}{r}
\textbf{S A T U R N}\ + \\
\textbf{T I T A N}\ + \\
\textbf{T R I T O N} \\
\hline
\textbf{E U R O P A}
\end{array}
$$

A. 948563
B. 984556
C. 948458
D. 984521

5. Decrypt LHAL.

$$
\begin{array}{r}
\textbf{H O W} \\
\times\ \textbf{W E} \\
\hline
\textbf{H A I L} \\
\textbf{P A L} \\
\hline
\textbf{L H A L}
\end{array}
$$

A. 5105
B. 3543
C. 4104
D. None of these.

6. Decrypt MAPOE.

```
    A P T
  × T O
  _____
    M O V E
M V D T
  _____
  M A P O E
```

A. 24360
B. 25486
C. 28451
D. None of these

7. Decrypt JOHNSON.

```
L Y N D O N
        × B
_____
J O H N S O N
```

A. 3546456
B. 3420840
C. 3215425
D. None of these

8. DECRYPT TYSOL.

```
    A S K
  × T O
  _____
    K A R L
O S A K
  _____
T Y S O L
```

A. 74860
B. 74682
C. 74398
D. 74895

Directions for Q9 - Q11:
Answer the questions based on the crypto arithmetic multiplication given below.

```
    A P D
  × A D
  _____
  R P A D
D D C D
  _____
D P C E D
```

9. Find the value of A.
   A. 5
   B. 6
   C. 7
   D. 9

10. Find the value of R + P + A + D.
    A. 20
    B. 21
    C. 23
    D. 24

11. Find the value of P.
    A. 6
    B. 7
    C. 8
    D. 9

12. Find the values of the alphabet 'C'.If each of the alphabet represents single digit from 0 - 9.
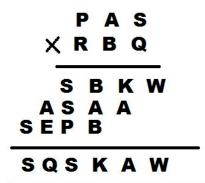
```
  A B C D
+E B C B
_____
A F G A G
```

A. 2
B. 3
C. 4
D. 5

13. Find G + R + O + S + S.

```
K A N S A S +
    O H I O
─────────────
  O R E G O N
```

A. 11
B. 20
C. 12
D. 10

16. Find S + Q + S + K + A + W.

```
      P A S
  ✕   R B Q
─────────────
    S B K W
  A S A A
S E P B
─────────────
  S Q S K A W
```

A. 10
B. 13
C. 17
D. 18

14. Find t*e + i*r*h - s.

```
T H I S +
      I S
─────────
  H E R E
```

A. 221
B. 178
C. 157
D. 149

17. Find NET - KEY.

```
            K T
         ─────────
N E T  | L I N K
         N E T
         ─────────
         K E K K
         K T E C
         ─────────
           K E Y
```

A. 301
B. 152
C. 354
D. 453

15. If T = 0, then what will be the value of TEE + TEE?

```
E A T +
E A T +
E A T
─────────
BE  E T
```

A. 088
B. 174
C. 066
D. 154

18. Find U + S + E + R + S.

```
              R B
           ─────────
R O B  | U S E R S
         B R S R
         ─────────
           O R D S
           O T C B
         ─────────
             B B R
```

A. 27
B. 31

C. 18

D. 24

19. Find SEE*SH.

```
        S H
SEE | FREDA
      TEES
      HRTA
        SEE
        ATS
```

A. 60549

B. 30549

C. 10269

D. 50649

20. Find B*E + R*L + B*I*G.

```
          R L
BIG | RULER
      BIG
      BRRR
      BMEI
        BE
```

A. 142

B. 143

C. 126

D. 156

ANSWER KEY

1. B	2. A	3. C	4. D	5. C	6. A	7. B	8. A	9. C	10. D
11. D	12. D	13. D	14. C	15. A	16. D	17. A	18. A	19. B	20. A