REASONING QUIZ

Directions (1 – 5): Study the following information carefully and answer the questions given below.

There is 3*5 matrix which can produce signals which in turn help in the illumination of some bulbs. The row of the matrix are denoted by $, & and * from bottom to top and the columns are denoted by the alphabets P, Q, R, S and T from left to right.

$ row contains number which are consecutive multiple of 7, staring from 28 (from left to right).

& row contains numbers which are consecutive multiple of 11, starting from 11 (from left to right).

* row contains number which are consecutive multiple of 13, starting from 13 (from left to right).

The matrix helps in producing signals which can be either a single string of number X- or two-line string X and Y.

There are 4 lights A, B, C and D. Based on the outcome of the strings mentioned above one of the light blinks.

Condition for blink:

1. If the outcome is below 85, then A will blink
2. If outcome range is 85-110, then B blinks
3. If outcome range is 111-210, then C blinks
4. If outcome is greater than 210, then D blinks

For outcome of the string:

1. If the string has all even numbers, then outcome of the string is obtained by adding all the numbers.
2. If an odd number is followed by an even number then the one's places of all the two-digit numbers are deleted and, tenth place are multiplied to get the outcome
3. If the string contains 2 prime number, then the tenth's place is deleted from each of the two-digit number and remaining number are multiplied.
4. If no above logic is followed, then simple outcome is addition of the numbers.

1.**If X = *R &S *P *T, then which bulb blink?**

1) D

2) B

3) A
4) C
5) Either C or D

2.If X = $P $R *S &Q, then which bulb blink?
1) D
2) B
3) A
4) C
5) Either A or B

3.If X = *P &T &P $Q, then which bulb blink?
1) D
2) B
3) A
4) C
5) Either A or B

4.If X = $P *Q $S &R, then which bulb blink?
1) D
2) B
3) A
4) C
5) Either C or D

5.If X = $T *S $S *T, then which bulb blink?
1) D
2) B
3) A
4) C
5) Either C or D

(Direction 6 – 10): Read the following information carefully and answer the questions that follow:
In a certain code language,
"Regular fitness sound health" is coded as "J&10 X&15 X#4 P&1"
"Proove gear what times" is coded as "P@7 D#4 Z&4 J&4"
"Health problems increasing daily" is coded as "J&5 R&11 X&15 R*0"
"Wireless telephone physical group" is coded as "D&3 J#10 D*9 F&7"

6.**What is the code for word 'solution'?**
1) R@2
2) R#1
3) R*0
4) J!17
5) None of these

7.**Which of the following is the code for 'phone call'?**
1) R&5 B@12
2) R@6 B!12
3) D*6 B!11
4) D&6 B@11
5) None of these

8.**'B#1' is the code for which of the following?**
1) Spherical
2) Physical
3) Education
4) Important
5) Cannot be determined

9.**What is the code for 'delete data'?**
1) K#12 B#14
2) K@15 B*14
3) J#15 B@5
4) J#15 B&19
5) None of these

10.**What is the code for 'parenting'?**
1) R!12
2) R#13
3) E%12
4) R*13
5) J@12

(Directions 11 – 15): Read the following information carefully and answer the questions given beside.
In a certain code language, codes are decided on the basis of following rules and conditions.

Rules:
1. All the consonants that appear before 'N' in alphabet series are to be coded as 0-9.(C =1, D= 2 and so on)
2. All the consonants that appear after 'N' in alphabet series are to be coded as 0-9.(Q=1, R=2 and so on)
3. 'N' is to be coded as 1.

Conditions:
I. If a word starts with a consonant but ends with a vowel then all the vowels of that word are to be coded as '#' and codes for last and first letters will be interchanged.
II. If a word has more than two vowels then the first vowel is to be coded as &, second vowel as *, third vowel as @ and then repeat the codes in the same sequence from fourth vowel onwards.
III. If in a word a consonant that appears after M is either preceded or followed or both by a vowel then all the vowels of that word are to be coded as '%' and 1 is added to the original code of all consonants. (If after adding 1, the original code comes in double digit then add the digits until single digit is obtained.)
IV. If none of the above conditions is applicable in a word then vowels of such word are coded as '-'.
V. If more than one condition is applicable in a single word then apply all the conditions as per the given order.

11.**Code "#6%2%31%" is for which of the following words?**
1) Chronical
2) Dramatic
3) Charisma
4) Parenting
5) Desperate

12.**What is the code for "Parenting"?**
1) 0&2*14@14
2) 1%3%2%25
3) 1&3*25@25
4) 0%2%14%14
5) None of these

13. **What is the code for 'SOLUTION'?**
1) 3&8*4@&1
2) 4%9%5%%2
3) 3#8&4@&1
4) 3%8%4%%1
5) None of these

14. **Code "1%2%7%334" is for which of the following words?**
1) Benchmark
2) Becowards
3) Broadband
4) Butterfly
5) Blueprint

15. **What is the code for "Highjacks"?**
1) 5%456%173
2) 5-456-173
3) 5&456*173
4) 5-456-173
5) 5-567-173

(Directions 16 – 20): Read the following information carefully and answer the questions given below it:
The consonants are arranged from 1 to 9 like B = 1, C = 2 and so on. Except M, N and P are not marked in such sequence so that Q = 1, R = 2 and so on. M, N and P are marked as 1, 3 and 4 respectively.
• If in a word, after a vowel a consonant exists mark both of them as '#' and after that any other vowel comes mark it as '^'. (For example: RAHUL – 2##^9)
• If in a word, after a vowel a vowel exists mark both of them as '$' and after that any other vowel comes mark it as '^'. (For example: TRAIN – 42$$3)
• If in a word, first letter is a vowel and last letter is also a vowel, mark both of them as '*' and after that any other vowel comes mark it as '^'. (For example: USAGE – *3^5*)
• If a word starts with M, N or P and after that any vowel comes in the

word, mark the vowel as with the number assigned to M, N or P. (For example: MANGO – 11351)
• If in a word, no such condition is satisfied mark the consonants with their assigned number and mark the vowel with '^'.

16.**Find the code for 'UMBRELLA'?**
1) *912$$9*
2) *112$$9*
3) *122^99*
4) *112^99*
5) None of these

17.**Find the code for 'Beauty of Life'?**
1) 1$$^48 ## 9##^
2) 1$$^48 ^4 9^4^
3) 1$$^48 ^4 9##^
4) 1$$^48 ## 9^4^
5) None of these

18.**Find the sum of numbers used in the code of 'AMPLE FRUIT'?**
1) 20
2) 25
3) 24
4) 18
5) None of these

19.**What is the code for 'SOLUTION'?**
1) 3###4^^3
2) 3##^4^^3
3) 3##^4**3
4) 3##^4^#3
5) None of these

20.**What is the code for 'SEARCH FROM PAGE'?**
1) 3$$226 42## 4##^
2) 3$$226 42^1 4##^
3) 3$$226 42^1 4454

4) 3$$226 42## 4454
5) None of these

ANSWER
1.3
2.4
3.3
4.4
5.1
6.3
7.4
8.4
9.4
10.2
11.3
12.2
13.2
14.2
15.1
16.4
17.1
18.3
19.2
20.4