**Techsoc Reverse Coding Prelims**

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| **Name** | **Roll No.** | **Email ID** | **Phone No.** |
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**PART - A**

1. Name 4 programming softwares.
2. #include <stdio.h>

#define square(x) x\*x

void main() {

int i;

i=64/square(4);

printf("%d",i);

}

What is the output of the above program?

3) What is the largest perfect cube in the Fibonacci series?

**PART- B**

1. A,E,F,H,I,K,...?
2. 1, 3, 6, 2, 7, 13, 20, 12, 21, ...
3. 3, 5, 7, 11, 13, 18, 21, 26, 31, 35, 43, ?

4) INPUT OUTPUT

2,1 C

4,2 L

2,5 G

6,4 T

1,3 D

5,1 ?

5) INPUT OUTPUT

4,2,1 3

3,7,2 20

2,3,4 25

2,4,6 78

1,3,5 ??

6) INPUT OUTPUT

techsoc 8

batman 33

google 22

reborn 17

shaastra ??

7) INPUT OUTPUT

67 16

299 149

155 77

379 37

322 ??

8) INPUT OUTPUT

12 33

16 2

25 11

30 51

38 52

20 ??

9) INPUT OUTPUT

coding xkahnh

number mjwidd

help pgnh

rhythm ofxujp

mirror ?

10) 0, 3, 7, 13, 20, 28, 51....

11) 3, 4, 6, 9, 13, 14, 20...