# 1.

Predict output of the following program

#include <stdio.h>

int main() {

printf("\new\_c\_question\by");

printf("\rgeeksforgeeks");

getchar();

return 0;

}

A ew\_c\_question

geeksforgeeks

B new\_c\_ques

geeksforgeeks

C geeksforgeeks

**D Depends on terminal configuration**

It is up to the terminal's implementation then how those characters get actually displayed

# 2.

#include <stdio.h>

// Assume base address of "GeeksQuiz" to be 1000

int main() {

printf(5 + "GeeksQuiz");

return 0;

}

A GeeksQuiz

**B Quiz**

C 1005

D Compile-time error

The compiler adds 5 to the base address of the string through the expression 5 + "GeeksQuiz" . Then the string "Quiz" gets passed to the standard library function as an argument.

# 3.

Predict the output of the below program:

#include <stdio.h>

int main() {

printf("%c ", 5["GeeksQuiz"]);

return 0;

}

A Compile-time error

B Runtime error

**C Q**

D s

5["GeeksQuiz"] is equivalent to \*(5 + pointer for char array) it will print character present at 5th index 'Q'

# END