SE 1B



### Directions for Quiz

•On top of your page write the following information.

Quiz no: 1

Name: e.g Muhammad Umer

Roll no : e.g **23P-512** 

Program e.g BS AI

Section e.g section A

### Directions for Quiz

- Don't ask friend or teacher for explanation for question, attempt as per your understanding.
- No use of mobile ,no cheating ,no discussion ...strict action will be taken.
- Don't write the question, understand it and only write answer e.g.
   Answer 1:
- There is **time limit for every question**, as soon as time for that is over we will move to next question. If you keep on solving previous question you will run short of time for next question.
- If a question's time is over it won't be displayed on screen, we will move to next question.
- When time for last question is over, there will be count down from 10 to 1, before count down end must hand over the quiz to teacher, failure to do so will result in ZERO marks.

Q1: marks = 2

What purpose do flowcharts serve? In which situation flowchart is better than pseudocode?

TIME REMAINING

## Q2: marks = 4

Stepwise solve following equation and write value of j, no need to write code

$$x = 10, y = 20, z = 30$$
  
 $j = x * y + z / x - y % z$ 

TIME REMAINING

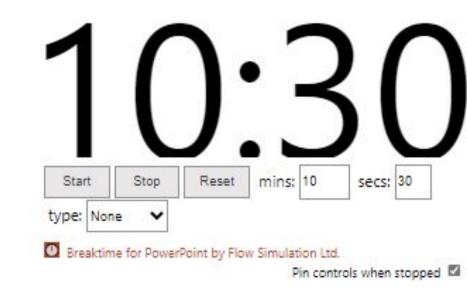


# Q3: marks = 10

Write code to perform all arithmetic operations on t=10.00 and w=4.00 and display output for each operation.

Also draw a flowchart for the said program.

TIME REMAINING



# Q4: marks = 10

What will be the output of the program?

```
#include <stdio.h>
int main() {
   const int var;
   var = 20;
   printf("Value of var: %d", var);
   return 0;
```

TIME REMAINING Stop mins: 1 secs: 45 Start type: None Breaktime for PowerPoint by Flow Simulation Ltd. Pin controls when stopped

#### END COUNT DOWN

00:10

