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Class Test- Section: **SET: A**

Course Title: Structured Programming Course code: SE 121

Department of Software Engineering, Daffodil International University

NB: Write your answer on this page only, you can rough on the other side.

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1. **Select (✓)** the inappropriate variable names from the following: 05

short	short_num	num_#1	01_student	register	my name
StudentOne	union	human223	_01Pagol	auto	Pagol_01

2. **Write** the change of values in each step and the output at the end. 07

```
#include <stdio.h>
int main() {
   int a=5, b=2,c,d,e,f,g,h;
   c = a++;
   d = --b;
   e = a;
   f = b--;
   g = (a+b);
   g = g--;
   printf("%d\n", a);
   printf("%d\n", b);
   printf("%d\n", c);
   printf("%d\n", d);
   printf("%d\n", e);
   printf("%d\n", f);
   printf("%d\n", g);
   return 0;
}
```

Output:

3. Write the output of the following operation with explanation. 03

if a=25 and b= 3, (a >> b) = ?

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Class Test- Section: **SET: B**

Course Title: Structured Programming Course code: SE 121

Department of Software Engineering, Daffodil International University

NB: Write your answer on this page only, you can rough on the other side.

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1. **Select (✓)** the appropriate variable names from the following: 05

short	short_num	num_#1	01_student	register	my name
StudentOne	union	human223	_01Pagol	auto	Pagol_01

2. **Write** the change of values in each step and the output at the end. 07

```
#include <stdio.h>
int main() {
   int a=5, b=2,c,d,e,f,g,h;
   c = a++;
   d = --b;
   e = a;
   f = b--;
   g = (a+b);
   g = g--;
   printf("%d\n", a);
   printf("%d\n", b);
   printf("%d\n", c);
   printf("%d\n", d);
   printf("%d\n", e);
   printf("%d\n", f);
   printf("%d\n", g);
   return 0;
}
```

Output:

3. Write the output of the following operation with explanation. 03

if a=25 and b= 3, (a << b) = ?