

Name: \_\_\_\_\_

Roll No: \_\_\_\_\_

Class: \_\_\_\_\_ Section: \_\_\_\_\_ Date: \_\_\_\_\_

## ALGORITHMIC INTELLIGENCE

**A. Write the result for the following conditions if num1 is 500 and num2 is 400:**

**If** (num1 > 250) **OR**  
(num2 > 250)

**Then**

Write "BURGER"

**Else**

Write "PIZZA"

**If** (num1 > 250) **AND**  
(num2 > 250)

**Then**

Write "BURGER"

**Else**

Write "PIZZA"

**If** (num1 < 250)

**Then**

Write "BURGER"

**Else**

Write "PIZZA"

**B. Write the output of the following programs:**

1. Repeat 2 times

{

Enter num

}

If num1 < num2

Then

Print "num2 is greater"

Else

Print "num1 is greater"

2. Repeat 4

{

Read marks

If marks is > 33

Then

Display Pass

Else

Print Fail

}

|         |    |    |    |    |    |
|---------|----|----|----|----|----|
| Marks   | 40 | 32 | 31 | 50 | 33 |
| Results |    |    |    |    | 53 |

3. Repeat 5 times

(

write "8"

Move 1 step left

)

|  |  |  |  |  |  |
|--|--|--|--|--|--|
|  |  |  |  |  |  |
|  |  |  |  |  |  |

