Name:_			
Date:			

## **IB Computer Science Test 03**

Directions: Complete each question. Be sure to follow the "command term" specified. Check your notes for prior uses of Outline, Explain, Discuss, Trace.

Part 1: Terminology

Question 1	Outline <b>bold</b> problem of maintaining legacy systems.
[2 pts]	
Question 2	Explain what is meant by user acceptance testing.
[2 pts]	
Question 3	Discuss one advantage and one disadvantage of printed material when compared to online
[4 pts]	support as a method of providing user documentation.

Name:	 	 	
Date:_			

## Part 2: Trace Tables

## Question 4

Trace the following fragment, for N=139 and L=3, by **copying** and completing the trace table given below.

```
D = N div L
Z = 1
B = false

loop while Z<L
   D = D div L
   Z = Z+1
   B = NOT B
end loop
if (D ≠ 0 AND B) then
   output(D, B)
else
   output(Z, NOT B)
end if</pre>
```

D	z	В	Z < L ?	Output

Name:			
Date:_			