CS508

Final Term Examination – Spring 2006
Time Allowed: 150 Minutes

Question No. 1	Marks : 1

A) Write a program in java script that prompts the student for his name and age. Then displays "Hello guy", to the student in alert box and gives him the message in message box "U shouldn't be a student of graduation" if his / her age>40.
(10)

B) What is the difference between javascript and PHP?   (5)

Question No. 2	Marks : 3

A) Given are the statements of C#   (5)

```
a = 15;
x = a++ + --a;
```

Find the value of 'x' by executing the given statement

(i)   from left to right
(ii)   from right to left

B) How we can handle Aliasing problem in JAVA? Give examples   (5)

Question No. 3	Marks : 3

Convert the following code of PHP into C#

```php
<?php
$a = array(0 => 5, 1 => 6, 2 => 7, 3 => 8, 4 =>  9);
$b = $a[4];

switch ($b)
{
        case 5:
                echo "b equal to 5";
                break;
        case 6:
                echo "b equal to 6";
                break;
        case 7:
                echo "b equal to 7";
                break;
        case 8:
                echo "b equal to 8";
                break;
        case 9:
                echo "b equal to 9";
                break;
default:
                echo "Doesn't match the number";
                break;
}

?>
```

Question No. 4   **Marks : 1**

Write a program in Ada that prints Excellent to a gpa value>= 3.5, prints Good to a gpa value in the range of 3-3.5,
prints Satisfactory to a gpa value in the range of 2-3.

Question No. 5   **Marks : 1**

A) How do Ada and COBOL differ by syntax and semantics in referencing a record element? Give examples of each   (5)

B) Define and explain "throws Clause" and the "finally Clause" with respect to exception handling in Java.   (5)