

	FINAL TERM EXAMINATION SPRING 2006 CS101 - INTRODUCTION TO COMPUTING (Session - 1)	Marks: 50 Time: 120min
--	--	---------------------------

StudentID/LoginID: _____

Student Name: _____

Center Name/Code: _____

Exam Date: Saturday, August 19, 2006

Please read the following instructions carefully before attempting any of the questions:

1. Attempt all questions. Marks are written adjacent to each question.
2. Do not ask any questions about the contents of this examination from anyone.
 - a. If you think that there is something wrong with any of the questions, attempt it to the best of your understanding.
 - b. If you believe that some essential piece of information is missing, make an appropriate assumption and use it to solve the problem.
 - c. Write all steps, missing steps may lead to deduction of marks.
3. The paper is tool independent.

****WARNING: Please note that Virtual University takes serious note of unfair means. Anyone found involved in cheating will get an `F` grade in this course.**

For Teacher's use only										
Question	1	2	3	4	5	6	7	8	9	Total
Marks										

Question No: 1 (Marks: 2) - Please choose one

Which of the following file operations JavaScript can perform on a client computer?

- ▶ Read
- ▶ Modify
- ▶ Arithmetic
- ▶ Delete
- ▶ Create

Question No: 2 (Marks: 2) - Please choose one

A cell in a spreadsheet can not contain one of the followings:

- ▶ Numbers
- ▶ Text
- ▶ Formulas
- ▶ Images

Question No: 3 (Marks: 2) - Please choose one

Suppose that we have two Local Area Networks working on different communication protocols. What is the right choice to connect them?

- ▶ Router
- ▶ Bridge

▶ Gateway

▶ Modem

Question No: 4 (Marks: 2) - Please choose one

Which of the following words can't be used for naming an identifier in JavaScript?

▶ struct

▶ plugin

▶ parent

▶ package

Question No: 5 (Marks: 10)

a) Classify computer networks according to the network access policy. Write in brief. (5 marks)

b) How DBMS ensures the Security and Integrity of data contained in database? (5 marks)

Question No: 6 (Marks: 8)

Explain scope of local and global variables in relation to functions in JavaScript? Give an example of each.

Question No: 7 (Marks: 8)

a) Differentiate between SMTP and POP3 server. (3 marks)

b) How you can justify that a DBMS is better to use than Flat-file database? (5 marks)

Question No: 8 (Marks: 8)

What will be the output of this programme? Also write comments where you find “//” symbol in the following code.

```
<html>
<head>

<script language="JavaScript">
    function doSomething() {                // 1
        setTimeout('doSomething()',10000); // 2
    }
</script>

</head>

<body onLoad="doSomething()">              // 3
    document.write("Virtual University of Pakistan");
</body>
</html>
```

Question No: 9 (Marks: 8)

How “Object-Oriented Graphics” and “Raster Scan Graphics” differ from each other? Which type of graphic files are easy to transfer over web?