CLASS: MCA   SEMESTER: IV
BRANCH: MCA   SESSION: SP/19

SUBJECT: MCA7209 WEB PROGRAMMING

TIME: 3 Hours   FULL MARKS: 60

INSTRUCTIONS:
1. The question paper contains 7 questions each of 12 marks and total 84 marks.
2. Candidates may attempt any 5 questions maximum of 60 marks.
3. The missing data, if any, may be assumed suitably.
4. **Before attempting the question paper, be sure that you have got the correct question paper.**
5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.

Q.1(a)	Define XML along with its features. Explain explicit namespaces in XML.	[6]
Q.1(b)	Create an XML document which contains the elements of a business letter. Include elements such as company name, logo, company address, subject, body. Nest the recipient's name and address within another element named <to>.	[6]
Q.2(a)	What is CLR? Describe the process of database connection through ADO.NET with a schematic diagram.	[6]
Q.2(b)	Write down the code to bind a textbox to a dataset? [variables to be assumed suitably]	[6]
Q.3(a)	Explain the ADO.NET architecture.	[6]
Q.3(b)	Assume three text boxes named as tb1, tb2, tb3 where tb1 specifies "id" tb2 specifies "fname" and tb3 specifies "lname". You have a table named tb1 under db database. Write down the vb.net code to insert data into table tb1. [all other parameters assumed suitably] Explain ADO.NET architecture.	[6]
Q.4(a)	How does a web server process a client request? In this context define view state.	[6]
Q.4(b)	Explain the characteristics of a user control with a suitable example.	[6]
Q.5(a)	Explain the difference between a list box and a dropdown list box server control.	[6]
Q.5(b)	How to bind an array list to a list box control in Asp.Net. Explain with a simple code.	[6]
Q.6(a)	Explain the significance of CGI qw(:standard –debug);	[6]
Q.6(b)	Write a perl program to add the numbers from 1 to 100.	[6]
Q.7(a)	What do you mean by open source? Explain the various features of PHP.	[6]
Q.7(b)	Assume a form with two text boxes called Name and age. If the user feels the form and clicks on the submit button the form data will be sent to another file "welcome.php" along with the data. Write a suitable PHP code for it.	[6]

:::::29/04/2019 M:::::