

Enrollment No.....



Faculty of Engineering
End Sem (Odd) Examination Dec-2018
CA5EL30 Internet & Web Technology

Programme: MCA

Branch/Specialisation: Computer
Application

Duration: 3 Hrs.

Maximum Marks: 60

Note: All questions are compulsory. Internal choices, if any, are indicated. Answers of Q.1 (MCQs) should be written in full instead of only a, b, c or d.

- Q.1 i. ISP exchanges internet traffic between their networks by **1**
(a) Internet exchange point (b) Subscriber end point
(c) Isp end point (d) None of these
- ii. Which one of the following protocol is not used in internet? **1**
(a) HTTP (b) DHCP (c) DNS (d) None of these
- iii. The attribute of <form> tag **1**
(a) Method (b) Action
(c) Both (a) and (b) (d) None of these
- iv. What is the correct syntax of the declaration which defines the XML version?: **1**
(a) <xml version="(A)0" /> (b) <?xml version="(A)0"?>
(c) <?xml version="(A)0" /> (d) None of these
- v. Which method is called only once during the run time of your applet? **1**
(a) stop() (b) paint()
(c) init() (d) destroy()
- vi. Cookies were originally designed for **1**
(a) Client side programming (b) Server side programming
(c) Both (a) and (b) (d) None of these
- vii. Which one of the following is the right way of defining a function in PHP? **1**
(a) function { function body }
(b) data type functionName(parameters) { function body }
(c) functionName(parameters) { function body }
(d) function functionName(parameters) {function body}

[2]

[3]

- viii. Which of the following is not true? **1**
(a) PHP can be used to develop web applications.
(b) PHP makes a website dynamic
(c) PHP applications cannot be compile
(d) PHP cannot be embedded into html.
- ix. A service provider that manages the server used to host an organisation website and its connections to the Internet backbones is known as: **1**
(a) Internet service provider (b) Hosting provider
(c) Client server (d) All of these
- x. The website for a company is hosted on a: **1**
(a) Web client (b) Web infrastructure
(c) Web server (d) Web page
- Q.2 i. What are the differences between TCP and UDP? **2**
ii. What are the tools for creation of website? Describe any two tools. **3**
iii. What is WWW? How client server interacts using WWW. **5**
- OR iv. Describe internet addressing schemes. Give example of each addressing scheme. **5**
- Q.3 i. What is XML? Give an example of XML. **2**
ii. Explain how basic and nested tables are created using HTML. Describe using example. **8**
- OR iii. Explain the various types of XML schema data types used. Explain the four possible keywords in a DTD declaration with suitable examples. **8**
- Q.4 i. Define Document Object Model (DOM). **3**
ii. Explain any five important methods of Cookie class. Write a Java program to demonstrate session tracking through cookie. **7**
- OR iii. Explain the lifecycle of Applet. How will you pass parameters to Applet? **7**
- Q.5 i. Differentiate between the 'BITWISE AND' operator and the 'LOGICAL AND' operator in PHP. **4**
ii. Explain with an example program how to connect to a SQL Server database from a PHP script. **6**

- OR iii. Write a PHP code to validate the form consisting of a username, password and email fields. **6**
- Q.6 Attempt any two:
- i. What is web hosting and how to do it? What are the requirements for hosting a website? **5**
- ii. What is dedicated server web hosting? Write the steps to start a web hosting company? **5**
- iii. What is URL registration? What is domain name registration process? **5**

OR	iii.	Output	2 marks	6
		Interface	2 marks	
		Validation logic	2 marks	
		Output	2 marks	
Q.6	Attempt any two:			
	i.	Definition	1 mark	5
		Procedure	1 mark	
		Requirement for hosting a website	3 marks	
	ii.	Definition of server web hosting	2 marks	5
		Steps to start a web hosting	3 marks	
	iii.	What is? What is domain name registration process?		5
		Definition of URL registration	2 marks	
		Domain name registration process	3 marks	
