## MASTER OF COMPUTER APPLICATION THIRD SEMESTER (SPECIAL REPEAT) WEB PROGRAMMING TECHNOLOGIES

MCA-303

[USE OMR SHEET FOR OBJECTIVE PART] Full Marks: 70

Duration: 3 hrs.

Objective )

Marks: 20

2023/08

SET

Time: 30 mins.

Choose the correct answer from the following:

 $1 \times 20 = 20$ 

1. In a Javascript Application what function can be used to send messages to users requesting for a text input?

a. Display()

b. Alert()

c. Getoutput()

d. Prompt

2. Which of the following software is not a web server? a. Apache

b. Internet information Services

c. Mongoose

d. Python

3. Which of the following statements are true?

a. HTTP runs over TCP

b. HTTP allows information to be stored in

c. HTTP can be used to test the validity of a hypertext link

d. All of the above

4. In which of the following, a person is constantly followed/chased by another person or group of several peoples?

a. Phishing

b. Bulling

c. Stalking

d. Identity theft

5. Which one of the following can be considered as the class of computer threats?

a. Dos Attack

b. Phishing

c. Soliciting

d. Both a and c

6. From which tag the descriptive list starts?

a. LL

b. DD

c. DL

d. DS

7. Which one of the following refers to the technique used for verifying the integrity of the message?

a. Digital signature

b. Decryption

c. Protocol

d. Message Digest

8. Which of the following tag is used to mark a beginning of paragraph?

a. <TD>

b. <BR>

c. <P>

d. <TR>

The length of port address in TCP is:

a. 4 bit long

b. 8 bit long

c. 16 bit long

d. 32 bit long

USTM/COE/R-01

10.	The latest HTML standard is: a. XML c. HTML4.0		SGML HTML 5.0
11.	Namespaces are offered in: a. PHP2 c. PHP5	ь.	PHP4 PHP6
12.	The body tag usually used after:  a. Title tag c. EM tag	ь.	HEAD tag FORM tag
13.	Which of the following is a container?  a. <select> c. <input/></select>	ь.	<body> Both a and b</body>
14.	Which of the following is a server side proga. HTML c. Java-script	gran b.	
15.	<ul> <li>Which of the statements are not true to class</li> <li>a. Protocols used for tunneling the traffic</li> <li>c. Whether VPNs are providing site-to-site or remote access connection</li> </ul>	ь.	VPN systems? Securing the network from bots and malwares Levels of security provided for sendir and receiving data privately
16.	What types of protocols are used in VPNs?  a. Application level protocols  c. Network protocol		Tunneling protocols Mailing protocols
17.	The basic difference between JavaScript and a. There is no difference c. Variables are specific	d Jav	
18.	The script tag must be place in: <ul><li>a. Head</li><li>c. Title and head</li></ul>		Head and body All of the mentioned
19.	www is based on which model?  a. Local-server  c. Three tier		Client Server None of these
20.	The body tag usually used after:  a. Title tag  c. EM tag	ь.	Head tag Form tag

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## $\left( \underline{\text{Descriptive}} \right)$

Time: 2 hr. 30 mins. Marks: 50

## [Answer question no.1 & any four (4) from the rest]

1.	What is TCP/IP? Explain the layer structure of TCP/IP.	2+8=10
2.	a. Write a Java-Script program to check whether a number is prime or not.	5
	b. Explain the importance of HTML.	5
3.	<ul><li>a. Write the difference between client and server.</li><li>b. Write a VB script program to find out factorial of a number.</li></ul>	5 5
4.	<ul><li>a. Write a program to reverse of a number using PHP.</li><li>b. Explain the functions of IP.</li></ul>	
5.	<ul><li>a. Write the difference between Spoofing and Sniffing in cryptography.</li><li>b. Explain confidentiality, integrity and availability in web security.</li></ul>	4 6
6.	a. Write the difference between UDDL and WSDL and which one is more beneficial.	5
	b. How does a Digital Signature Certificate work? What is the legal status of a Digital Signature?	3+2=5
7.	<ul><li>a. Explain the different Web security control technique.</li><li>b. Write any five types CSS text properties.</li></ul>	5 5
8.	Design and Develop web pages for Student information system using HTML with java script as contain the following page:  a) Login  b) Student's profile	10
	c) Course details	

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