

I SEMESTER EXAMINATION, 2017-18

STD:XII

Sub: Information Technology

MARKS:80

DATE: _____

TIME:2hrs 30 min

Q.1 FILL IN THE BLANKS

(MARKS 10)

1. A _____ is a device or software in a computer that determines the next network point to which a packet should be forwarded towards its destination.
2. _____ refers to all legal and regulatory aspects of the Internet and www.
- 3.No dedicated server is used in _____ type of network.
4. _____ attribute is used to give URL of sound file with <embed> tag.
- 5.Conversion of data into a secured format is called _____.
- 6.Freely downloadable software with unlimited usage is called _____.
- 7.The receiving of the product from originator is called as _____.
- 8.The _____ tag defines how to divide the window into frames.
- 9.<input type= _____> is used for uploading the files.
10. _____ buttons are like toggle button and only one button can be selected at a time.

Q.2 STATE TRUE OR FALSE

(MARKS 10)

- 1.Intellectual Property Rights prevent other users from taking advantage of new technology.
- 2.RARP stands for Reverse Address Resolution Protocol.
- 3.To create server side image map ISMAP attribute is used.
- 4.Common cable connected to several nodes in bus topology is called trunk.
- 5.Hidden field can be shown on the web browser.
- 6.FTP stands for file transporter protocol.
7. Copyright is a protection that covers Published and Unpublished literary.
- 8.Class selector name can start with a number in CSS.
- 9.CSS can be internal, external and inline.
10. OSI reference model is in the form of six layered model.

Q.3 CHOOSE CORRECT SINGLE ALTERNATIVES

(MARKS 20)

1. Firewall helps in _____.
a. Disclose the datab. Provides place for searchingc. Examine incoming & outgoing packetsd. Change data into intelligible data.
2. An _____ hub takes a larger role in Ethernet communications.
a. Passive b. Active c. Intelligent d. None of these.
3. _____ attribute of <frame> tag will set or remove the border around the frame.
a. FBorder b. border c. frameborder d. CBorder
4. An arrangement of nodes, cables and connecting devices in the network is called _____.
a. Topology b. Protocol c. Media d. Architecture
5. _____ means the key of a key pair used to verify the digital signature and listed in digital signature certificate.
a. Private Key b. Public Key c. License d. Security Key
6. If the network is to be extended beyond predefined cable limit _____ is used.
a. Modem b. Bridge c. Repeater d. Router
7. _____ is the most common sound format used in Windows.
a. .wav b. .aiff c. .mp3 d. .ra
8. Unauthorized access can be overcome by _____.
a. Properly designed database b. Users vigilance/monitoring c. Stealing intellectual information
d. Illegal use of login & password of the users
9. ID selector is defined by a sign _____.
a. # b. &c. @ d. ^
10. _____ deals with issues in Copyright, trade mark & patent law.
a. Cyber Law b. IT Act c. Cyber Crimed. Intellectual Property Right
11. To make dub on a computer _____ files are used.
a. WAV b. MIDI c. AIFF d. Au
12. _____ is used to connect external style sheet.
a. <style> b. <a href> c. <head>d.<link>
13. Ethics was invented by _____.
a. Immanuel Kant b. Dennis Ritchie c. Bill Gates d. Team Patterson
14. HTML color code of white is _____.
a. #FFFFb. #FFFFFF c. #FF00FFd. #FFFF00
15. _____ is a contract between the purchaser and the publisher of the software.
a. License b. Copyright c. Cyber Lawd. IT Act

16. The Ethernet is generally referred to as _____ standard.

- a. IEEE 802.3 b. IEEE 802.4 c. IEEE 802.5 d. IEEE 802.6

17. _____ type of communication media requires sender & receiver to be inline of sight.

- a. Radio b. Microwave c. Satellite d. Optical Fibre

18. In inline frame _____ attribute activates scroll bar.

- a. Scrolled b. noresize c. Scroll d. Scrolling

19. To move files to the web server use _____.

- a. HTTP b. SMTP c. FileZilla d. POP

20. _____ can be referred to either the hardware (the computer) or the Software that helps to transfer web pages that can be accessed through the internet.

- a. Twisted pair b. Coaxial cable c. Microwave d. optical fiber

Q.4 CHOOSE CORRECT DOUBLE ALTERNATIVE

(MARKS 10)

1. Two methods of transmission for computer network applications are _____ & _____.

- a. Point-to-Point b. Broadcast c. Peer-to-Peer d. Client-Server

2. Col is a valid attribute of _____ and _____.

- a. <frameset> b. <frame> c. <textarea> d.

3. A proper transmission media is selected according to the characteristics like

- a. Size b. Length c. Bandwidth d. Attenuation

4. The terms defined in IT Act 2000 are _____ and _____.

- a. Access b. License c. Rules d. Query

5. Following are the attributes of <bgsound> tag.

- a. loop b. start c. length d. src

Q.5 CHOOSE CORRECT TRIPLE ALTERNATIVE

(MARKS 6)

1. The CSS syntax is made up of _____, _____ and _____.

- a. Source b. Property c. Value d. Border e. Selector f. Name

2. Following are the layers present in TCP/IP layer Reference model.

- a. Internet b. Session c. Presentation d. Application e. Transport f. Network

Q.6 REARRANGE THE FOLLOWING

(MARKS 4)

1.The sequence of events for creating a frame are as follows.

- A.<BODY>
- B. </NOFRAMES>.
- C. <FRAME SRC="first.html">
- D. The frames cannot be created due to some reason.Sorry!
- E.<FRAME SRC="third.html">
- F. <NOFRAMES>
- G. </FRAMESET>
- H. </BODY>
- I. <FRAMESET ROWS="30 %,*">

2. A.</body></html>

- B.<link rel="stylesheet" type="text/css" href="style.css">
- C.<h2>This is heading style example. </h2>
- D. <html>
- E.<head><title>External CSS</title>
- F. <body>
- G. </head>

Q.7 ANSWER THE FOLLOWING

(MARKS 10)

- 1.Name & explain any two types of topology.
- 2.What are group selectors? Give one example.
- 3. Give Ten Commandments of computing?

Q.8WRITE THE CODE FOR FOLLOWING PROGRAMS

(MARKS 10)

- 1. Write codes in HTML to design a form having heading **SELECT YOUR FAVOURITE SUBJECT**, list the subjects taught to you one below the other with checkboxes to its left . Provide a submit and reset button at the end of the list.
- 2. Write HTML code to display a text **Information Technology** having font size 38, font color red & overline using Internal CSS.

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