C.B.C.S. (Second Semester) (ATKT)
EXAMINATION, Jan 2021-22
COMPUTER SCIENCE
(Computer Networking & Introduction to HTML)

Time: Three Hours]   [Maximum Marks: 80

Note : Attempt all Sections as directed.

Section — A

(Objective/Multiple Choice Questions)

Note : Attempt all questions from this Section. (20x1 = 20) [1 Mark Each]

1. What is Hub?
   a. Software   b. Computing Device
   c. Network Device   d. Calculating Device
2. What does TCP/IP stand for?
   a. Telephone control protocol/ Internet protocol
   b. Transmission control protocol / Internet protocol
   c. Transmission control protocol / International protocol
   d. None
3. What of the following device is used in the network layer?
   a. Application gateway   b. Switch
   c. Router   d. Repeaters
4. Identify the layer which is responsible for data translating.
   a. Network   b. Data link   c. Presentation d. Application
5. G-mail belongs to the.....
   a. Google mail   b. Yahoo mail   c. Great mail   d. Gopher mail

6. While sending an e-mail ___ line describes the content of the message.
   a . T o   b . Subject   c. Content   d. CC
7. A device that is used to connect a number of LANs is-ALU
   a. Router   b. Repeater   c. Bridge   d. Switch
8. What layer in TCP/IP stack is equivalent to the transport layer of OSI model?
   RAM
   a. Application   b. Host-to-Host
   c. Internet   d. Network Access
9. Communication between a computer and a keyboard involves ____
   transmission.RAM
   a. Automatic   b. Half-duplex
   c. Full-duplex   d. Simplex

10. ARPANET stands for ROM
   a.   Advanced Real Projects Air Network
   b.   Advanced Research Preparation Agency Network
   c.   Advanced Recruitment Process Agency Network
   d.   Advanced Research Projects Agency Network
11. In a parallel communication, each bit requires a transmitter and receiver.
   a.   True
   b.   False
12. Which bit is transmitted first in a serial communication?
   a.   Least significant bit
   b.   Most significant
   c.   All the bits simultaneously
   d.   Not in any specific order
13. What is the meaning of MODEM?
   a.   Modern electronic machine
   b.   Modulator and demodulator
   c.   Modern development machine
   d.   Modulator and convertor
14. What is the full form 3f Mbps in modem?
   a.   Mega bites per second
   b.   Mega binary per second
   c.   Mega bytes per second
   d.   Mega booting per second
15. The correct sequence of HTML tags for starting a webpage is-
   a. Head, Title, HTML, Body
   b. HTML, Body, Title, Head
   c. HTML, Head, Body, Title
   d. HTML. Head, Title, Body
16. Which of the following tag is used to insert a line break in HTML?
   a.
        b. <a>   c. <pre>   d. <b>
17. How to create a hyperlink in HTML?
   a. < a href= "www.newfile.com" > newfile
   b. < a url = "www.newfile.com" > newfile /a>
   c. < a link = "www.newfile.com" > newfile
   d. <a> "www.newfile.com" <newfile /a>
18. Which of the following tag is used to add rows in the table?
   a.   <td> and </td>   b. <th> and </td>
   c.   <tr> and </tr>   d. None of the above
19. Which of the following HTML tag is used to display the text with scrolling effect?
   a.   <marquee>   b. <scroll>
   c.   <div>   d. None of the above
20. The <hr> tag in HTML is used for-
   a. new line   b. vertical ruler
   c. new paragraph   d. horizontal ruler

Section — B

(Very Short Answer Type Questions)

Note : Attempt all questions from this Section. (10x2 = 20) [2 Marks Each]

1. What is LAN?
2. Define protocol.
3. What is wvvw?
4. What is Domain naming system?
5. Define OSI.
6. Define MAC.
7. What is server?
8. What is multipoint connection?
9. What is use of anchor tag?
10. Define NSFNET?

Section –C

(Short Answer Type Questions)

Note : Attempt all questions from this Section. (5x3 = 15) [3 Marks Each]

1. What are the components of Data communication?
2. What is e commerce?
3. What is DTE-DCE? Explain
4. How to publishing web pages in local area network?
5. What is distributed computing?

Section –D
(Long Answer Type Questions)

Note : Attempt any five questions from this Section. (5x5 = 25) [5 Marks Each]

1. What do you mean by topology? Explain its types.
2. What is TCP/IP reference model? Explain.
3. How to create table in HTML? Explain.
4. Explain digital data transmission.
5. Explain function of network layer of OSI reference model.
6. Explain Hub, Router and switch.
7. Explain Architecture of Internet.

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