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Reg. No.

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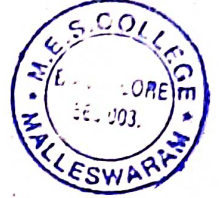
VI Semester B.Sc. Degree Examination, September/October - 2022

**COMPUTER SCIENCE**

**Web programming**

**(CBCS Scheme)**

**Paper : VII**



**Time : 3 Hours**

**Maximum Marks : 70**

**Instructions to Candidates :**

**Answer all the Sections**

**SECTION - A**

**I. Answer any 10 questions. Each carries 2 marks.**

**(10 × 2 = 20)**

- 1) What is web server? Mention any one web server.
- 2) Define IP address? Give example.
- 3) What are empty elements in XHTML?
- 4) Define href.
- 5) Write the minimum attributes required for a form in XHTML.
- 6) What is cell padding and cellpadding?
- 7) Name any two attributes of <frame> tag.
- 8) Which property is used to control the stacking of elements?
- 9) Define CSS. Write the basic syntax of CSS.
- 10) What is an event handler? Give example.
- 11) What are the attributes of <Script> tag?
- 12) Define XML and XML schema.

**[P.T.O.]**



## SECTION- B

II. Answer any 5 questions. Each carries 10 marks.

(5× 10 = 50)

- 13) a) What is DNS? Why is it required ? Explain.  
b) What are the attributes of <img> tag? Explain with examples. (5+5)
- 14) a) Explain different types of lists supported in XHTML.  
b) Explain <table> tag and its attributes. (5+5)
- 15) a) Explain different types of CSS selector with an example.  
b) Explain CSS Box model. (5+5)
- 16) a) Explain primitive data types in javascript with syntax.  
b) Write a javascript code to find factorial of N. (5+5)
- 17) a) Explain any five methods of array object.  
b) What is type conversion? Explain different types of type conversions in js with examples. (5+5)
- 18) a) Write a note on Document Object Model (DOM)  
b) Explain event capture and event bubbling. (5+5)
- 19) a) Write any five mouse events and their event handlers.  
b) What are absolute and relative positioning? Explain. (5+5)
- 20) a) Write short notes on XML namespaces.  
b) Write short notes on DTD. (5+5)
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VI Semester B.Sc. Degree Examination, September/October - 2022

COMPUTER SCIENCE - VIII

Computer Networks

(CBCS Scheme)



Time : 3 Hours

Maximum Marks : 70

Instructions to Candidates :

Answer all the Sections.

SECTION - A

Answer any TEN questions. Each question carries two marks.

(10 × 2 = 20)

1. Explain PING and TRACERT Command.
2. Define computer networks.
3. What is meant by modulator and demodulator?
4. Define packet and write any one use of a packet.
5. What is the use of parity bit?
6. What is Ethernet Hub?
7. What is CSMA/CD?
8. Mention any two differences between private and public networks.
9. What are the uses of Bridge?
10. What is meant by IP address?
11. Define email and URL.
12. Differentiate between Intra-domain and Inter-domain routing.

[P.T.O.]



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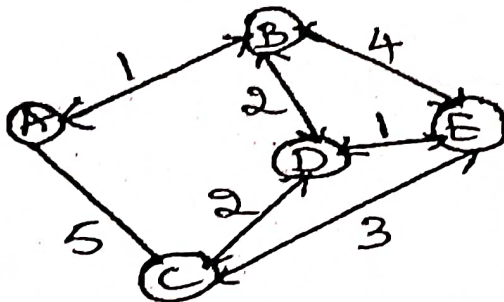
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SECTION - B

Answer any Five Questions. Each question carries TEN Marks.

(5 × 10 = 50)

13. a) Write advantages and disadvantages of computer networks. (5M)  
b) Explain Guided and unguided transmission media. (5M)
14. a) Explain Asynchronous communication methods. (6M)  
b) Write a short note on Time division multiplexing. (4M)
15. a) Explain error detecting using CRC. (5M)  
b) Write a short note on frame headers and frame format. (5M)
16. a) Explain different types of LAN topologies. (8M)  
b) What is the use of network interface card (NIC)? (2M)
17. a) Write a short note on SONET. (4M)  
b) Compare LAN, MAN & WAN Technologies. (6M)
18. a) Explain dijkstra's shortest path algorithm. (8M)



- b) What are the various types of delay? (2M)
19. a) Explain the seven layers of ISO OSI Model. (7M)  
b) Write a short note on IP addresses classes. (3M)
20. a) Compare the IPV4 and IPV6 (5M)  
b) Write differences between static and dynamic routing. (5M)
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