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VI Semester B.Sc. Degree Examination, September - 2021

COMPUTER SCIENCE

Web Programming

(CBCS Scheme Freshers)

Paper : VII



Time : 3 Hours

Maximum Marks : 70

Instructions to Candidates:

Answer ALL the Sections.

SECTION - A

I. Answer any TEN questions. Each question carries two marks.

(10×2=20)

1. What is WWW?
2. What is a Web Browser? Give any two examples.
3. Define URL with example.
4. What is the use of and <u> tags?
5. Mention any two difference between HTML and XHTML.
6. Define array with an example.
7. Give any two string methods in Java script.
8. Define XML.
9. What are constructors in Java Script?
10. List out any two mouse events.
11. What is an event handler? Give an example.
12. Write any two uses of Javascript.

[P.T.O.]



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SECTION - B

II. Answer any FIVE full questions. Each question carries Ten marks.

(5×10=50)

13. a) Write a note on MIME. (5)
b) Explain any five HTML - tags. (5)
 14. a) Explain <table> tag and subtags with an example. (5)
b) Explain different types of lists in HTML with example. (5)
 15. a) Explain any 5 types of selectors in CSS. (5)
b) Explain the Boxmodel. (5)
 16. a) Explain primitive data types in Javascript. (5)
b) Explain any two looping construct in Java Script. (5)
 17. a) Give the syntax and example for if... else statement. (5)
b) Write a javascript code to generate sum of n natural numbers. (5)
 18. a) Explain function in Java script with syntax and example. (5)
b) Explain different types of arithmetic operators with example. (5)
 19. a) Write a note on event propagation. (5)
b) Explain DOM (5)
 20. a) Explain absolute and relative positioning techniques with an example. (5)
b) Explain <form> tag with attributes and example. (5)
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VI Semester B.Sc. Degree Examination, September - 2021

COMPUTER SCIENCE

Computer Networks

(CBCS Scheme Freshers 2016-17 Onwards)

Paper : VIII

Time : 3 Hours

Maximum Marks : 70

Instructions to Candidates:

Answer all the sections.

SECTION - A

I. Answer any TEN questions. Each question carries TWO marks.

(10×2=20)

1. Define computer networks and internet.
2. What is Email and URL?
3. Differentiate between half and full duplex communication.
4. Define packets and frames.
5. What is modulator and demodulator?
6. What is meant by CSMA/CD?
7. What is Repeater?
8. Write short notes on SONET.
9. Define WAN and LAN.
10. Mention the layers in TCP/IP protocol.
11. Define WWW.
12. What is packet switching?

SECTION - B

II. Answer any 5 questions. Each question carries TEN marks.

(5×10=50)

13. a) Write a note on growth of computer networking. (5)
- b) Explain the various transmission media. (5)
14. Explain the different types of multiplexing. (10)
15. What are the different techniques of error detection? Explain. (10)

[P.T.O.]



16. Explain the types of network topologies. (10)
17. Explain the 7 layers of O.S.I. model with suitable diagram. (10)
18. a) What are the characteristics of network performance? (3)
b) Write short notes on UDP. (7)
19. Explain
a) Classes of IP addresses. (5)
b) ARP. (5)
20. Explain
a) Transmission control protocol. (5)
b) DNS. (5)
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