



VI Semester B.A./B.Sc. Examination, September 2020

(CBCS) (F + R)(2016-17 and Onwards)

COMPUTER SCIENCE – VII

Web Programming

Time : 3 Hours

Max. Marks : 70

**Instruction :** Answer **all** the Sections.

### SECTION – A

I. Answer **any ten** questions. **Each** question carries **two** marks. (10×2=20)

- 1) Define web browser.
- 2) What is url ? Give an example.
- 3) What is the purpose of MIME ?
- 4) How to create hyperlinks in XHTML ?
- 5) What is universal selector ?
- 6) List any 4 methods of string object in Javascript.
- 7) What is DHTML ?
- 8) What are composite datatypes in Javascript ?
- 9) What is event and event handler ?
- 10) List any two mouse events.
- 11) What do you mean by absolute positioning of an element ?
- 12) Define XML schema.

### SECTION – B

II. Answer **any five** of the following questions. **Each** carries **ten** marks. (5×10=50)

- 13) a) What is the role of web browser ? Explain Apache and IIS web browser. 5
- b) Explain domain and sub domain with examples. 5
- 14) a) What are the different types of lists in XHTML ? Explain. 5
- b) Explain <framset> tag with example. 5



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| 15) a) Explain different types of selectors in CSS.  | 5 |
| b) Explain any five form components.   | 5 |
| 16) a) Explain absolute positioning and relative positioning with an example.  | 5 |
| b) Write Javascript to evaluate sum of n numbers.  | 5 |
| 17) a) Explain CSS Box Model.  | 5 |
| b) Write a Javascript code to create a form for student information. Find total, average, results and grade of the student and display it. | 5 |
| 18) a) Explain array methods in Javascript.  | 5 |
| b) Write a short note on DOM.  | 5 |
| 19) a) Differentiate between XHTML and HTML.   | 5 |
| b) What are the different types of positioning methods.  | 5 |
| 20) a) Explain XHTML events.   | 5 |
| b) What is DTD ? Explain internal and external DTD.  | 5 |
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VI Semester B.A./B.Sc. Examination, September 2020  
(CBCS) (F + R) (2016-17 and Onwards)  
**COMPUTER SCIENCE – VIII**  
**Computer Networks**

Time : 3 Hours

Max. Marks : 70

**Instruction : Answer all Sections.**

**SECTION – A**

I. Answer **any ten** questions. **Each** question carries **2** marks. (10×2=20)

- 1) Explain optic fibre as transmission media.
- 2) Define half and full duplex communication.
- 3) Explain the working principle of a modem.
- 4) What are the two techniques of modulations ?
- 5) Explain what is byte stuffing.
- 6) What is parity checking ?
- 7) What is token passing ?
- 8) What is multicast addressing ?
- 9) Define Repeaters.
- 10) What is Jitter ?
- 11) Define Protocol.
- 12) Write a brief note on DNS.

**SECTION – B**

II. Answer **any five** questions. **Each** question carries **10** marks. (5×10=50)

- 13) a) Write a note on growth of the internet. 5  
b) Explain any two transmission media. 5
- 14) a) How are Geosynchronous satellites useful in transmission ? 5  
b) Write a note on standards for communication. 5
- 15) a) Discuss the effect of noise on communication. 5  
b) Briefly explain time division multiplexing. 5

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| 16) a) Explain how are errors detected with CRC.               | 5  |
| b) Discuss the working of self-Healing token passing networks. | 5  |
| 17) Discuss various topologies of LAN in detail.               | 10 |
| 18) a) Explain ISDN.   | 5  |
| b) Discuss shortest path computation in a graph.               | 5  |
| 19) a) Compare and contrast LAN and WAN.                       | 5  |
| b) Briefly explain ISO-OSI reference model.                    | 5  |
| 20) a) Write a note on TCP/IP protocols.                       | 5  |
| b) Explain the features of IPv6.                               | 5  |
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