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Reg. No. :

Code No. : 41196 E

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JMSE 31

B.Sc. (CBCS) DEGREE EXAMINATION,
APRIL 2019.

Third Semester

Computer Science/Software Engineering — Main

WEB TECHNOLOGY

(For those who joined in July 2016 only)

*Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. _____ is an older menu-driven document system, which is now mostly replaced by the web

- (a) Telnet
- (b) FTP
- (c) Gopher

2. The protocol, which provides communicable global addresses of/to the computers is _____

- (a) Ethernet
- (b) IP
- (c) TCP
- (d) HTTP

3. Which of the following is a meta information?

- (a) Keywords
- (b) expiry date
- (c) Page generation software used
- (d) All the above

4. _____ specifies the background color of the web pages

- (a) Bgcolor
- (b) Link
- (c) Vlink
- (d) Text

5. _____ are the document object properties

- (a) Bg color and fgcolor
- (b) Link color - and alink color
- (c) Title and forms
- (d) All the above

6. Submit () is a method for _____

- (a) Forms object
- (b) Document object
- (c) Text box
- (d) Date object

7. XML documents are made up of _____

- (a) Tag (b) Elements
(c) Attributes (d) (a), (b) and (c)

8. XML was designed to _____

- (a) Describe data
(b) Focus on what data is
(c) Display data
(d) (a) and (b)

9. _____ is an interface that declares the life cycle methods for a servlet

- (a) Servlet request
(b) Generic servlet
(c) Servlet
(d) Servlet context

10. Java server pages are saved with _____

- (a) .jsp (b) .java
(c) .txt (d) .asp

PART B — (5 × 5 = 25 marks)

Answer ALL questions choosing either (a) or (b).

Each answer should not exceed 250 words.

11. (a) What is internet? Explain the uses of internet.

Or

(b) What is WWW? Explain the concepts.

12. (a) Describe the outline of an HTML documents.

Or

(b) List the advantages and disadvantages of dynamic HTML.

13. (a) What is the purpose of XML DTD? Explain.

Or

(b) Describe XML attributes with its disadvantages.

14. (a) Describe the language elements of Java Script.

Or

(b) Explain the looping constructs of VB script with examples.

15. (a) Write about HTTP get and post requests.

Or

(b) Explain about servlet APT.

PART C — (5 × 8 = 40 marks)

Answer ALL questions choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) What is protocol? Explain TCP and UDP in detail.

Or

(b) Explain internet applications and application protocols in detail.

17. (a) Describe the various tags which are used in HTML body section and to design forms.

Or

(b) Explain about CSS and DHTML event handling.

18. (a) Explain (i) the building blocks of XML documents (ii) XSL.

Or

(b) Describe the features of common gateway interface.

19. (a) Explain the purpose of properties and methods of

(i) Text boxes and text-areas

(ii) Buttons, radio-buttons and check boxes.

Or

(b) Explain (i) How to embed VB Script code in an HTML document (ii) Conditional statements in VB script.

20. (a) Explain the advantages and features of ASP.

Or

(b) Describe the features and advantages of JSP.