

19. (a) Compare page directive and taglib directive.

Or

- (b) Write short notes on Java beans.
20. (a) Write the working procedure of HTML forms with ASP.

Or

- (b) How ASP work with record sets? Explain.

SECTION C — ($3 \times 10 = 30$)

Answer any THREE questions.

21. Explain in detail about TCP/IP protocol.
22. What are the operators available in JavaScript? Explain with example.
23. Explain any two applications of XML.
24. How to handle errors in JSP? Explain.
25. Explain the details about the components of ASP.

S.No. 6344

P 22 CSCC 1 B

(For candidates admitted from 2022–2023 onwards)

M.Sc. DEGREE EXAMINATION, NOVEMBER 2023

Computer Science — Core Choice Course

WEB TECHNOLOGIES

Time : Three hours

Maximum : 75 marks

SECTION A — (20 marks)

Answer ALL questions

- I. (A) Multiple choice questions : (5 × 1 = 5)
1. HTML tags define
- (a) The data types of elements of document
 - (b) Presentation of specified elements of a document
 - (c) The contents of the document
 - (d) The structure of the document
2. When an operator's value is NULL, the type of returned by the unary operator is:
- (a) Boolean
 - (b) Undefined
 - (c) Object
 - (d) Integer

3. Which XLink attribute defines the URL to link to?
 (a) xlink:path (b) xlink:url
 (c) xlink:src (d) xlink:href
4. What attribute of page directive is used to generate a XML page using JSP?
 (a) contentXML (b) generateXML
 (c) typeXML (d) contentType
5. Which of the following is not an ASP component?
 (a) LinkCounter (b) Counter
 (c) AdRotator (d) File Access
 (B) Fill in the blanks : (5 × 1 = 5)
6. The official network management protocol in TCP/IP protocol suite is called _____.
7. The "function" and "var" are known as_____.
8. _____is used to read XML documents and provide access to their content and structure.
9. _____ is mandatory in <jsp:useBean /> tag.
10. MVC stands for _____.

II. Answer the following : (5 × 2 = 10)

11. What is Telnet?
12. List out the features of JavaScript.
13. What is meant by DTD?
14. Write the advantage of JSP.
15. Define SQL.

SECTION B — (5 × 5 = 25)

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

16. (a) Write short notes on WWW.

Or

- (b) How to link document in HTML?

17. (a) Write the advantage of JavaScript.

Or

- (b) How to create dialog box?

18. (a) Write short notes on:

- (i) XLINK
- (ii) XPATH

Or

- (b) Write short notes on Namespaces.