



5. The output of the following Java script program is.
- ```

<script type="text/javascript">
    x=4+"4"
    document.write(x);
</script>

```
- (a) 8                                      (b) error                                      (c) 0                                      (d) 44
6. Which of the following package contains servlet classes?
- (a) import javax.servlet                                      (b) import java.io  
(c) import java.sql                                      (d) import java.applet
7. Variables always start with a \_\_\_\_\_ in PHP.
- (a) Pound-sign                                      (b) Yen-sign                                      (c) Dollar-sign                                      (d) Euro-sign
8. XML is \_\_\_\_\_ sensitive.
- (a) integer                                      (b) not case                                      (c) DSL                                      (d) case
9. Which of the following support AJAX server?
- (a) HTTP                                      (b) SMTP                                      (c) Telnet                                      (d) WWW
10. \_\_\_\_\_ is the basis for web services.
- (a) CSS                                      (b) XML                                      (c) CGI                                      (d) PHP

PART - B (5 x 2 = 10 Marks)

11. List out the major protocols for accessing e-mail from server.
12. What are the different types of style sheets in CSS?
13. Mention the various Java script object models.
14. What is XML?
15. Define major aspects of web services.

PART - C (5 x 16 = 80 Marks)

16. (a) (i) Describe the evolution of internet and WWW. (8)  
(ii) What is SGML? Explain. (8)

Or

(b) Explain the different HTML elements of web pages. (16)

17. (a) Explain in detail about filtering and transitions in DHTML with an example. (16)

Or

(b) Illustrate the different types of CSS with suitable example program. (16)

18. (a) Discuss the functions of Java script and write a Java script program to calculate the sum of digits. (16)

Or

(b) (i) Describe in detail the lifecycle of a servlet. (8)

(ii) Write a simple servlet to display the working environment of an HTTPServlet object. List the steps to run the servlet. (8)

19. (a) (i) What is XSL? Explain it with an example. (8)

(ii) Write the advantages and applications of XML. (8)

Or

(b) (i) Describe in detail about program control in PHP with a sample program. (10)

(ii) Explain variables in PHP with suitable example. (6)

20. (a) Explain Ajax client server architecture with suitable example and create XML. HTTP request object. (16)

Or

(b) Discuss in detail about WSDL in web service, with an example. (16)

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