



12. (a) (i) Discuss the structure of the HTTP request message. (7)  
(ii) Explain about the XHTML DTD with an Example. (6)

Or

- (b) (i) Explain the significance of XHTML with the help of a real time application. Write necessary code snippets. (7)  
(ii) Discuss the functionalities of Webserver and Webclient in detail. (6)
13. (a) (i) Explain any two validation functions in java script. (4)  
(ii) Write a JavaScript Program to print Prime Numbers from 1 to 100. (9)

Or

- (b) Explain in detail about Servlet Database Connectivity with an example of Student database. (13)
14. (a) (i) Design simple calculator using PHP. (6)  
(ii) Explain about the control statements in PHP with example. (7)

Or

- (b) Explain about DOM with the XML data processing. (13)
15. (a) (i) Explain the concept of JSON with an example. (6)  
(ii) Describe SOAP, UDDI and WSDL in detail. (7)

Or

- (b) Explain about the object that helps AJAX reload parts of a web page without reloading the whole page. (13)

PART C — (1 × 15 = 15 marks)

16. (a) Design HTML forms by embedding JSP code for submission of a resume to a job portal website with appropriate database connectivity. (15)

Or

- (b) Design a PHP application for College Management System with appropriate built-in functions and database. (15)