

Answer any FIVE Questions

All Questions carry equal marks

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1. (a) How are web servers and web browsers related? Discuss with examples. (b) Write about Apache web server installation procedure.
2. (a) Explain briefly about servlets and JSP.
(b) What are disadvantages of servlets and JSP?
(c) How PHP is better than servlets and JSP?
3. (a) What is a string concatenation operator? Explain with an example.
(b) Write a PHP program that gives the number of occurrences of the expression in a string using functions.
4. (a) What is the use of 'this' variable? Explain with an example program.
(b) What is inheritance? How can you implement it?
5. (a) What are the advantages and disadvantages of cookies?
(b) List and explain the parameters available when creating a cookie using `setCookie()` function.
6. (a) Differentiate superglobals versus globals.
(b) Write a PHP program to submit values using superglobals and globals.
7. (a) Explain the function used to connect to a MySQL database.
(b) Explain briefly the three components of MVC architecture.
8. (a) How to initialize the XML parser in PHP? Explain with an example.
(b) What is simple XML? What are the advantages of simple XML?