

Hall Ticket Number:

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Code No. : 223

VASAVI COLLEGE OF ENGINEERING (Autonomous), HYDERABAD
M.C.A. II Year II-Semester (Main) Examinations, June-2016

Network Programming and Scripting Languages

Time: 3 hours

Max. Marks: 70

Note: Answer ALL questions in Part-A and any FIVE from Part-B

Part-A (10 × 2 = 20 Marks)

1. What is the importance of chmod command in UNIX?
2. Define daemon process and how is it different from other processes?
3. What is the main functionality of Internet Super Server?
4. What is out-of-band data?
5. List all different data types in PHP.
6. Give an example for usage of an associative array in PHP.
7. How a session can be destroyed in PHP?
8. List various 'read' file handling functions in PHP.
9. Explain mapping type in Python.
10. List different types of methods used for file handling in python.

Part-B (5 × 10 = 50 Marks)
(All bits carry equal marks)

11. a) Explain different options of grep command in UNIX with examples.
b) Describe TCP/IP architecture and its significance.
12. a) List and explain different types of elementary socket system calls for connection oriented client/server.
b) Discuss different types of socket address structures.
13. a) How to create a user-defined function in PHP. Explain about passing arguments by reference.
b) Write the following PHP control statements with example code.
i) if-else ii) while iii) for
14. a) Write PHP code for connecting PHP to Mysql database and explain.
b) What is a cookie? Explain about different operations you can perform on cookies in PHP.
15. a) Describe exception handling in python.
b) Explain the importance of lists in python along with code examples for various operations on them.
16. a) Write awk script to merge two files.
b) Explain the following:
i) Byte Ordering Routines. ii) Byte Operations.
17. Answer any *two* of the following:
a) Pattern matching in PHP
b) Form handing in PHP
c) Classes and inheritance in python with examples