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Code No. : 242 AS

VASAVI COLLEGE OF ENGINEERING (Autonomous), HYDERABAD
M.C.A. II Year II-Sem. Advanced Supplementary Examinations, June/July-2017

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 difference between a text file and a binary file?
2. What is the command to change a directory or file permission? Give an example.
3. Define socket.
4. Write short notes on asynchronous I/O.
5. What are the two modes of the PHP processor?
6. What are the syntactic characteristics of PHP?
7. What is a file variable?
8. How can a variable be saved in a session? Write briefly.
9. Give examples for accessing values and updating strings in Python.
10. List the different modes of opening a file in Python.

Part-B (5 × 10 = 50 Marks)

(All bits carry equal marks)

11. a) Explain in detail about the working of an Unix file system.
b) Define the symbolic and octal codes for changing File Access permissions.
12. a) Write about advanced Socket system calls.
b) What is Internet super server? Explain.
13. a) Explain about control statements of PHP.
b) What are the functions for dealing with arrays in PHP? Discuss briefly.
14. a) Explain form handling in PHP.
b) Explain the following methods used for passing variables between pages, in PHP
i) Using sessions ii) Using cookies.
15. a) Explain different types of loops in Python.
b) Discuss in detail about modules in Python.
16. a) Explain TCP/IP protocol in detail.
b) Write about Out-of-band data.
17. Answer any *two* of the following:
 - a) Explain pattern matching in PHP.
 - b) Explain how to connect to MySQL database using PHP.
 - c) What are Dictionaries in Python? Discuss with example(s).

