

S.B. Roll No.....

OPEN SOURCE TECHNOLOGIES
5th Exam/Comp/IT/CSE/2629/May'18

Duration: 3Hrs.

M.Marks:75

SECTION-A

Q1. Fill in the blanks.

15x1=15

- a. ----- forms the core of the UNIX operating system.
- b. ----- is an example of multi user operating system.
- c. The ----- command is used to see current date.
- d. The /tmp directory contains -----.
- e. S () and c () functions stand for ----- and -----.
- f. tty is used to find ----- file.
- g. Filters can be used to store the ----- result in a pipe.
- h. The sort -b option helps in ignoring the -----.
- i. The symbol ----- implies redirection of input.
- j. A shell script can be executed in ----- ways.
- k. The ----- command is used to give the numerical value to integers.
- l. PHP script ignores ----- spaces.
- m. PHP uses standard ----- conventions.
- n. The ----- variables are recognized by the child shell.
- o. The variables pertaining to a particular shell are termed as -----.

SECTION-B

Q2. Attempt any six questions.

6x5=30

- i. Write down the various characteristics of open source software.
- ii. Explain the concept of GPL.
- iii. Explain various features of LINUX.
- iv. Explain structure of LINUX system.
- v. Explain the following commands:
a) passwd b) logname c) bc d) tty e) cal
- vi. Write a note on Apache server.
- vii. Discuss the concept of pipes.
- viii. Explain the difference between open source software and free software.
- ix. Discuss the concept of DHCP.
- x. Give a list of useful functions of MySQL.

SECTION-C

Q3. Attempt any three questions.

3x10=30

- a. What is filter? Explain any 5 filters with example.
- b. What is shell? Explain Bourne shell, Korn shell and C shell.
- c. Explain various communication commands.
- d. What are the characteristics of PHP?
- e. What is vi editor? Explain its modes.