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Question Paper Code: 49818

B.E./B.Tech. DEGREE EXAMINATION, APRIL 2019

Elective

Information Technology

14UIT918 – FOSS FOR ENTERPRISE APPLICATIONS

(Regulation 2014)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART A - (10 x 1 = 10 Marks)

1. File name that handle interrupts in Linux is CO1- R
(a) Access file (b) Control file (c) Interrupts file (d) Proc Interrupts file
2. Which of the following are the true functionalities of a kernel? CO1- R
(a) Allocates time and memory to programs (b) Authenticates user
(c) Interprets commands (d) All of the above
3. The dmesg command CO2-R
(a) user login logoff attempts (b) syslog file for info messages
(c) kernel log messages (d) Shows the daemon log messages
4. _____function is used to pick one or more random values CO2- R
from PHP Array.
(a) array_rand() (b) array_random() (c) Random_array() (d) Rand_array().
5. Which key, when pressed once, is used to provide command CO3- R
completion at the command line?
(a) Tab (b) Esc (c) Enter (d) Ctrl
6. FILE reserved word is? CO3- R
(a) A structure tag declared in stdio.h (b) One of the basic data types in c
(c) Pointer to the structure defined in stdio.h (d) It is a type name defined in stdio.h

7. sed is _____ CO4- R
 (a) a non-interactive stream editor (b) an IDE
 (c) a hex editor (d) none of the options
8. To limit the amount of space core dumps may occupy use CO4- R
 (a) climit (b) ulimit (c)quota (d) ~/.ulimit
9. Intellectual Property Rights (IPR) protect the use of information and CO5- R
 ideas that are of _____
 (a) Ethical value. (b) Moral value
 (c) Social value (d) Commercial value
10. Which command is used to display the operating system name CO5- R
 (a) os (b) unix (c) kernel (d) uname

PART – B (5 x 2= 10Marks)

11. Explain the dynamic libraries in linux. CO1- R
12. What is a Lamp Host? CO2-R
13. List the various Graphics File Formats. CO3- R
14. Describe Cron Job. CO4- R
15. Mention any five version control systems reviewed in Linux.. CO5- R

PART – C (5 x 16= 80Marks)

16. (a) Explain GNU/LINUX Architecture in detail.. CO1-U (16)
 Or
 (b) Explain about Building and Using Shared Libraries using CO1-U (16)
 example program.
17. (a) Install and configure the setup of Lamp server using Apache CO2- App (16)
 configuration files and explain how to customize the setup for
 developing a college website.
 Or
 (b) Describe the components and architecture of LAMP Server. CO2- U (16)
18. (a) Explain how to read the details entered in an online form using CO3-App (16)
 Character Access mechanisms
 Or
 (b) Describe in detail the various ways to select objects using Dia. CO3-U (16)

19. (a) Write a program to choose a favorite beverage of a customer using bash script. CO4- U (16)
- Or
- (b) Explain the processing of text using sed and awk scripts. CO4- U (16)
20. (a) List and describe basic clauses of some free and open source licenses software to build Online Inventory Management CO5- U (16)
- Or
- (b) Explain version control system in detail. CO5- U (16)

