INTEGRATED MSC DEGREE EXAMINATION, DECEMBER 2023

Sixth Semester

INTEGRATED MSC COMPUTER SCIENCE-ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

CORE - ICSC6CR1 - LINUX AND SHELL PROGRAMMING

2020 Admission Onwards

BDB77C9D

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

*Weight **1** each.*

1. What is the significance of GNU project in open source software community?

2. How to remove the directory in Linux

3. What is more command in linux?

4. How to use man command?

5. What is absolute pathname in linux?

6. What is unmounting in linux?

7. What is grep command in linux?

8. What is Daemons in linux?

9. What is vi editor?

10. Desribe the commands to modify and delete user accounts

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

*Weight **2** each.*

11. Describe the states of processes in linux.

12. Describe the expr and factor commands in Linux and discuss their applications in mathematical operations.

13. Write examples to maintain user accounts in LINUX

14. Describe absolute way of changing file permission using chmod command.

15. Write a simple shell script to welcome users

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17. How to set,list and unset environment variables?

18. Explain the options for alias command

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

*Weight **5** each.*

19. Explain the disadvantages of linux .

20. Describe Linux file system architecture with neat diagram.

21. What are the process oriented commands in linux?

22. What are the three levels of permission of files and directories in Linux?Explain each of them.

(2×5=10 weightage)