**Reg. No. \_\_\_\_\_\_\_\_**

**Karunya University**

**(Karunya Institute of Technology and Sciences)**

 (Declared as Deemed to be University under Sec.3 of the UGC Act, 1956)

**End Semester Examination – April/May 2010**

**Subject Title: INTRODUCTION TO UNIX & LINUX Time: 3 hours**

**Subject Code: 09BI220 Maximum Marks: 100**

#### **Answer ALL questions**

**PART – A (10 x 1 = 10 MARKS)**

1. What is the use of ‘man–e’ command?

2. What does ‘the who’ command do?

3. What is the command used to change file permissions?

4. What is the unique feature of awk?

5. How will you get the ID of a parent process?

6. What is the use of wait() command

7. Why should you compile a linux kernel?

8. What is GNOME?

9. Name few internet services available with linux.

10. What is the use of NFS?

**PART – B (5 x 3 = 15 MARKS)**

11. Differentiate internal and external commands.

12. State the use of grep command.

13. How can you extract a substring?

14. State the use of a KDE?

15. What are the advantages of an apache web server?

**PART – C (5 x 15 = 75 MARKS)**

16. Explain the modes of operations and commands of Vi editor in detail.

(OR)

17. Explain the unix shell prompt and features provided in it.

18. Explain the various use of unix filters for managing files.

(OR)

19. Explain sed and the internal commands used by it.

20. a. How can you create a unix process? (7)

 b. Explain the uses of mail command. (8)

(OR)

21. a. What are the privileges of unix administrator. (5)

 b. What are various operations performed on a disk? (10)

22. What should you compile into a Linux kernel?

(OR)

23. a. Give the structure of linux files. (5)

 b. Give the various operations that can be performed on a linux file. (10)

24. Explain the support for DNS by LINUX.

(OR)

25. Explain secure shell in detail.