B. Sc. IT (Semester – 6ᵗʰ)
LINUX ADMINISTRATION
Subject Code: BITE1-627
Paper ID: [130432]

Time: 03 Hours   **Maximum Marks: 60**
Instruction for candidates:
1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A   **(2 marks each)**
Q1.   Attempt the following:
    a. What is UNIX?
    b. What is Boot loader - GRUB AND LILO?
    c. Define the TCP/IP network?
    d. Define the Overview of NFS?
    e. What is Samba Server Configuration?
    f. Define the Coaching Proxy Server?
    g. Define the MUA?
    h. Define Optimizing the LDAP service?
    i. What is the full form of SFTP?
    j. Define the RSS?

Section – B   **(5 marks each)**
Q2.   Define the LINUX and Creating, Maintaining User Account?
Q3.   Explain the Steps to Enable and Test the SSH Server?
Q4.   Define the Implements of SSI and CGI?
Q5.   What are the common Networking Configuration File Variables?
Q6.   Explain the SMTP. Write Difference Between POP3 and IMAP?

Section – C   **(10 marks each)**
Q7.   What are the Different types of Shell in Linux? Explain.
Q8.   Define the File System Structure and Virtual File System.
Q9.   What is Apache, Configuration Apache and Creating a Secure Server with SSL?