

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

BMCI (2014 & Onwards) (Sem.-4)

**LINUX OPERATING SYSTEM**

Subject Code : BMCI-403

M.Code : 72807

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTIONS TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

**SECTION-A**

**1. Answer briefly :**

- a. What is grep command used for?
- b. What Active Directory?
- c. How Linux is more secured than other operating systems?
- d. What is X Windows?
- e. Explain input/output redirection.
- f. What are different types of shell?
- g. How directory can be deleted in Linux?
- h. How a disk is added and partitioned in Linux?
- i. What is the difference between LILO and GRUB?
- j. How /etc/printcap file is configured?

## SECTION-B

2. Explain the sequence of steps followed in Linux installation.
3. Explain file system in Linux.
4. What are the various shell metacharacters? Briefly discuss each.
5. Write the necessary steps to install a new package and uninstall a package.
6. Briefly discuss the GNOME panel.

## SECTION-C

7. What is BASH? What are its features? Discuss any five BASH built-in commands with examples.
8. Discuss the Users and Group management operations in Linux.
9. What is Quota management in Linux? Explain the three tools : quotacheck, repquota and quota to manage the quotas.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.