OBCA/M-20 **1918**
INTRODUCTION TO LINUX
BCA-362

Time : Three Hours] [Maximum Marks : 80

Note : Attempt *Five* questions in all. Q. No 1 is compulsory.
In addition to compulsory question, student will have
to attempt more questions selecting *one* question
from each Unit. All questions carry equal marks.

Compulsory Question

1. (a) What is Logging in and Logging out ?

(b) Explain creating and saving file in 'vi editor'.

(c) Discuss touch and dir command in Linux.

(d) Explain various file permission in Linux system.

Unit I

2. (a) Discuss Linus operating system along with its
advantages and disadvantages. **8**

(b) What is Shell ? Explain different types of Shell in
Linux. **8**

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3. (a) Compare Linux with MS-DOS, UNIX and Windows operating system. **8**

(b) What are various functions of Linux operating system ? **8**

Unit II

4. What do you mean by filters ? Discuss different filters with their functionality in detail. Give suitable examples also. **16**

5. (a) What is Command? Explain communication-oriented commands in detail. **8**

(b) Explain the following commands in Linux along with suitable examples : **8**
CAT, BC, PS, MOTD, TOP.

Unit III

6. (a) Explain Linux file system. Discuss various types of files in Linux system. **8**

(b) Discuss init process in detail. **8**

7. (a) Explain birth, death and termination of a process. **8**

(b) Discuss various file system components. **8**

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Unit IV

8. (a) What is vi editor ? Discuss different modes of vi editor with example. **8**

(b) What is the syntax of case-esac statement ? Draw its controlflow diagramGive suitableexamples also. **8**

9. (a) Write down the purpose of read and echo command with suitable example. **8**

(b) Explain cut, copy and paste command in vi editor.

8

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