**ANNUAL EXAMINATION 2020**

**(Only for Regular Students)**

***Centre No. 135 Centre Name- Disha College, Raipur (C.G.)***

**Class-BCA-II (Old Course) Subject- Shell Programming in UNIX/LINUX**

**Paper No- BCA 205 Paper Name- Shell Programming in UNIX/LINUX**

**Time- 3 hrs. Max. Marks-50 Min. Marks:20**

**Note: Attempt any two questions from Each Unit. All questions carry equal marks.**

**Unit 1**

1. (a) Draw the layout of Linux file system and brief each component.

(b) Explain following commands with their syntax:

(i) grep (ii) chmod (iii) cp (iv) ln (v) ls

(c) What is the role of shell and kernel in linux?

**Unit 2**

1. (a) Explain the role of exrc file.

(b) Write steps for creating macro in Vi editor with example.

(c) Discuss any five Emac Commands?

**Unit 3**

1. (a) Write a shell script to print factorial of given number.

(b) List out different shells of linux. Compare C Shell and Bourn Shell.

(c) Write notes on the following:

(i) PS1 (ii) PS2 (iii) MAIL

**Unit 4**

1. (a) Explain client-server model of X-windows.

(b What is FVWM and FVWM95.

(c) Write the utility of KDE.

**Unit 5**

1. (a) Write the responsibilities of system administrator.

(b) Write steps to install printer and scanner in RED HAT LINUX.

(c) Explain the steps to create user and group in Linux.

=======