

(4)

OR

Explain different KDE main system menu.

Q.5 Explain security file access permission, use and group related jobs.

OR

What are the minimum hardware requirement for red Hat Linux.

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Roll No.....

Total No. of Sections : 03

Total No. of Printed Pages : 04

Online Annual Examination - 2020

BCA - II

BCA 205

SHELL PROGRAMMING IN UNIX / LINUX

Max.Marks : 50

Time : 3 Hrs.

Min.Marks : 20

Note : Section 'A', containing 10 very short-answer-type questions, is compulsory. Section 'B' consists of short answer type questions and Section 'C' consists of long answer type questions. Section 'A' has to be solved first.

Section - 'A'

Answer the following very short-answer-type questions in one or two sentences : (1×10=10)

- Q.1 Write the name of any five Linux command.
- Q.2 File permission command is _____.
- Q.3 Yanking means _____.
- Q.4 Write different mode of vi-editor.
- Q.5 Name different type of shell in Linux.
- Q.6 To set environment in Linux command use is _____.
- Q.7 Full form of KDE is?
- Q.8 X-window is a _____.
- Q.9 Inittub is used for _____.

P.T.O.

(2)

Q.10 Different types of users in Linux is _____.

Section - 'B'

Answer the following long answer type questions in word limit 150-200 : (3 5=15)

Q.1 What is Linux? Explain different feature of Linux.

OR

Explain following commands with example :

- i) Who ii) Pwd iii) is
iv) Whoami v) data vi) cd

Q.2 What is vi-editor? Write different commands of vi-editor.

OR

Write different shell commands of vi-editor.

Q.3 What is Shell? Explain different feature of shell and explain why use more shell.

OR

Explain with example :

- i) its ii) Mail iii) Login / logout file

Q.4 Write the different between Microsoft windows and x-windows.

OR

Explain GNOME control.

Q.5 Explain the responsibility of system administrator in Linux.

(3)

OR

Write the steps to install red hat Linux.

Section - 'C'

Answer the following long answer type questions in word limit 300-350 : (5x5=25)

Q.1 Explain the architecture of Linux and feature of the kernel and kernel shell relationship.

OR

Explain following commands with syntax and example :

- i) GREP ii) chmod. iii) gunzip
iv) sort v) head

Q.2 What is Emacs editor? Write the different commands present in Emacs editor.

OR

What is command macro? How to create and use macro in vi-editor?

Q.3 Explain following commands with syntax and example
ps1, ps2, sty, set, term

OR

Explain the use of for--do loop in shell programming with example.

Q.4 Explain the client server model of x-windows.