

About PIXELES CLASSES



PIXELES Classes is a leading institute in Delhi to provide best coaching classes for BCA and MCA (IGNOU) students only. We have been teaching BCA & MCA (IGNOU) students for 13 Years with enthusiasm. We have developed a special methodology to teach students that will give smart knowledge as well as success in examination.

Every year a million of students are enrolled for BCA & MCA especially in India. 50 % of students leave their courses due to lack of study materials and resources.

According to university the courses are ideal for students who want to make career in technical field.

IGNOU provides a lot of study materials that provides deep knowledge of subjects.

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BCS-013 (BCA [SEM-1])

There are five Questions carrying 80 marks and 20 marks for viva-voce. Each Question is compulsory.

Question-1

Operating System, UNIX command and Shell Script.
Some Commands are given here do practice:

[1]. Create a file

→ Cat > pix(File name)

.....

.....

Ctrl+c

[2]. Opening a file

→ Cat pix(file name)

[3]. Appending data in existing file

→ Cat >> pix(File name)

[4]. Display list of files

→ ls (display list)

→ ls -l (detailed list)

→ ls -a (displays hidden files)

[5]. Copying a file

→ cp pix(existing file) mypix (Newfile)

[6]. Rename or move a file

→ mv pix(sourcefile) yourpix(targetfile)

[7] Removing a File

→ rm yourpix

[8] make, remove and change directory

→ cd [options(s)] [directory]

Changes the current directory. **cd** without any parameters changes to the user's home directory.

→ **mkdir** [option(s)] directoryname

Creates a new directory.

→ **rmdir** [option(s)] directoryname

Deletes the specified directory, provided it is already empty.

[9] **Display process Id**

→ **ps**

Displays a detailed list of all processes, independent of the owner.

[10] **Stop the process**

→ **kill** process ID

[11] Changing password

→ **passwd** [option(s)] [username]

Users may change their own passwords at any time using this command. Furthermore, the administrator root can use the command to change the password of any user on the system.

[12] Display list of logged User

→ **Who**

[13] **Displays current logged user**

→ **Who am i**

[14] **Display path of working Directory**

→ **Pwd**

[15] **Search text Pattern**

→ **grep** "hello" file name.

[16] **Displaying Line from top and Bottom**

→ **Head filename**

→ **Tail filename**

[17] **Yes**→ The **yes command** outputs the same string, STRING, in a constant stream. If STRING is not specified, the word it repeats is "y".

[18] **cmp**→ It compares two files of any type and writes the results to the standard output. Example: **cmp** file1 file2

[19] **More**→ **more** is a **command** to view (but not modify) the contents of a text file one screen at a time. Example **more** file1

[20] **History**→ The **history command** can be used to list Bash's log of the **commands** you have typed ...by default it contains 500 commands

Shell Scripts

Question -a: Write a shell script to print the numbers as 1

3 5 7 9 using while loop.

```
a=1
While [ $a -le 9]
do
echo "$i"
a=`expr $a + 2`
done
```

Question -b: Write a shell script to print number as 5 4

3 2 1 10 using while loop.

```
Ans:
a=5
While [ $a -ge 0]
do
echo "$i"
a=`expr $a - 1`
done
```

Question -c: Write a shell script to multiply two numbers entered through user.

Ans:

Echo "Enter first number"

Read a

Echo "Enter Second number"

Read b

```
c=`expr $a \* $b`
```

```
echo "$c"
```

Question-2

Word Processor: You must practice to create various documents using Font, Colour, Alignment, Header and Footer, Columns, Table and Mail merge.

Question -3

Ms-Excel: you need to do practice with statistical data to calculate Sum, Average, and Percentage.

Question-4

PowerPoint: Do practice to create Slides with different styles, animation, images and video clip.

Question-5

E-Mail / Outlook: Do practice to send Email, create an appointment.

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SURE SUCCESS**

The advertisement is a rectangular banner with a red top section and a green bottom section. In the top left corner, there is a logo for 'PPH' (Pixeles Publishing House) inside a book icon. To the right of the logo, the text 'PIXELES PUBLISHING HOUSE' is written in white capital letters on a red background. Below this, the main text 'Upto 50% OFF On Our Guide Books' is displayed in large, bold, green and red fonts. On the left side, there is vertical text in Hindi: 'आफलता के लिए हमारी Books आकश्य पढे।'. At the bottom, the website 'www.pphbooks.in' is written in black, and below it, 'Free Solved Assignment With Guide Books' is written in white on a green background.

PPH is a unit of PIXELES Classes. When we started **PIXELES Classes**, we realised that students face various problems those are enrolled in **IGNOU**, because there are lack of study materials in market. Some study materials available in market do not cover student's requirements and pattern of examination.

We have published special books for **BCA (IGNOU)** students only. It covers pattern of examination and needs of students. It is an **Exam Master for BCA (IGNOU)** students that helps to improve knowledge and secure good marks in examination. **Guide books are published by PIXELES PUBLISHING HOUSE, New Delhi.** This Guide Book is prepared by our experienced faculties.

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