

BCSL-013 (Set-1)
BACHELOR OF COMPUTER APPLICATIONS (REVISED)
(BCA)
Computer Basics and PC Software Lab

Duration : 2 hours

Maximum Marks : 100

Note : There are five compulsory questions in this paper carrying 80 marks.
Rest 20 marks are for viva-voce.

1. (a) Execute the following Linux commands: 10
 - (i) Chdir
 - (ii) who
 - (iii) ls
 - (iv) tail
 - (v) ps
- (b) Create a new file named “exam.txt”, using any method, containing a sentence: “IGNOU exam”. Change the file permission of this file to rwxrwx 6
2. (a) Use a word processor software to create a flyer for “BCA Programme Introduction”. You may use different styles and effects. 10
- (b) Create the following formula using a word processor: 6
 - (i) $2^x \times 3^y \times 4^z$
 - (ii) $\sum_{i=1}^n x_i y_i$

3. Create 4 Power Point slides about the examination process of BCA. All the four slides should have: 16
- (i) Proper headings, slide number and slide notes.
 - (ii) Timer based transition from one slide to other
 - (iii) You should also add one image in the last slide.
4. (a) Below one the details of the monthly income of a person. Create a spreadsheet using appropriate format for the sample labels and data. You must create formulae to compute Tax, Bonus and net income. The tax is 10% of monthly income, Bonus is 5% on the monthly income and net income is monthly income – tax + bonus. 10

Monthly Income Data

Month	Income	Tax (10%)	Bonus 5%	Net Income
Jan	50,000			
Feb	55,000			
March	60,000			
April	65,000			

- (b) Make a bar chart of month and Income, you must show proper headings in the chart. 6

5. Write an email inviting your five friends to attend your presentation scheduled to be held 30 July. Add a subject and send a blind carbon copy of this mail to your parents/guardian. You should setup an alert in the desktop to notify whenever e-mails are received in your e-mail box. 16
