

**BACHELOR OF COMPUTER APPLICATIONS (Revised)  
(BCA)**

**Term-End Practical Examination**

01045

**June, 2017**

**BCSL-013(P)/S1 : COMPUTER BASICS AND PC SOFTWARE LAB**

*Time : 2 Hours*

*Maximum Marks : 100*

*(Weightage : 50)*

- 
- Note :**
- (i) *There are five questions carrying 80 marks.*
  - (ii) *Rest 20 marks are for viva-voce.*
  - (iii) *All questions are compulsory.*
- 

1. (a) Write a script that accepts an integer from the user and determines whether the integer is zero, -ve, an odd or an even number. 10
- (b) Execute the following Linux commands : 6
  - (i) `chmod`
  - (ii) `cmp`
  - (iii) `dir`
  - (iv) `grep`
2. (a) You are required to create your own personal letterhead. It must include on the left side (topmost) : 10
  - Name, Address (city, state, pin-code)
  - email id, website and mobile number should be located at the rightmost corner
  - Add graphic(s) in the centre of the letterhead which pertains to you
- (b) Create a newsletter in 2-column format. Each page should have an outside border and be landscape oriented. The footer should have a page no. and date. 6

3. Create a PowerPoint presentation on academic activities of your study centre (minimum five slides) which should include activities related to theory and practical classes, viva-voce exams, or any other similar activities. 16
- All the slides should have common design.
  - Write Speaker note for each slide.
  - There should be sound effect while moving from one slide to another slide.
  - Add a video to the last slide which can be run in full screen option.
4. Create a workbook for purchasing library books. Column A should have names of books, Column B should have number of books purchased for that title, Column C should have formula for multiplying cost of each book by the number of titles. D10 should have the formula for totalling the cost of all the books. D12 should have the formula for giving discount :
- Purchase of more than 1 lac – 15%
  - Between 25 thousand and 1 lac – 10%
  - Less than 25 thousand – No discount
- D14 should have the formula for totalling the cost after the discount. 16
5. Do the following tasks in Outlook : 16
- Make a schedule for faculty meeting from 11 AM to 1 PM during 2<sup>nd</sup> and 4<sup>th</sup> week of the month.
  - Set up an alert on the desktop to notify about the meeting timing.
  - Send a mail in this effect to all faculty members.
  - Add your signature to the email message.
-