

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

Term-End Practical Examination

00315

June, 2017

BCSL-013(P)/S3 : COMPUTER BASICS AND PC SOFTWARE LAB

Time : 2 Hours

Maximum Marks : 100

(Weightage : 50)

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- Note :**
- (i) *There are five questions carrying 80 marks.*
 - (ii) *Rest 20 marks are for viva-voce.*
 - (iii) *All questions are **compulsory**.*
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|----|-------|---|----|
| 1. | (a) | Write a shell program to generate all combinations of 1, 2, 3. | 10 |
| | (b) | Execute the following Linux commands : | 6 |
| | (i) | grep | |
| | (ii) | more | |
| | (iii) | we | |
| | (iv) | date | |
| 2. | | Create a new document. Add an image from the sample picture. Add five lines of text to the document for the picture. Tight wrap the text around the image. Add confidential as watermark. Add a header and a page number. | 16 |
| 3. | | Make a PowerPoint presentation on the important features of Linux operating system (minimum five slides) : | 16 |
| | (a) | There should be timer based transition to the next slide. | |
| | (b) | All slides should have pictures related to the OS and the text should be accordingly adjusted. | |
| | (c) | A slide should have animation effect. | |
| | (d) | All slides should have common design with proper heading and slide notes. | |

4. You are required to take appointment with your final year project guide which includes the following activities :
- Sending email request with your signature to your guide.
 - After obtaining the time slot, add a new appointment to your calendar.
 - Book a resource (computer, room) for discussion.

Write all the options available in Outlook to fulfil the scenario above.

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5. Below are the details of income and expenses for five months of an organisation. You are required to create a spreadsheet in an appropriate format for the sample labels and data and calculate the total expenses and savings for every month. Income, fixed expenses and variable expenses will increase @ 5%, 10%, 15% respectively. Write formulae for each calculation, centre the heading of the spreadsheet "Income and Expenses".

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"Income and Expenses"					
	January	February	March	April	May
Income	5000				
Fixed Expenses	1000				
Variable Expenses	575				
Total Expenses					
Savings					