



UNIVERSITY OF COLOMBO, SRI LANKA



UNIVERSITY OF COLOMBO SCHOOL OF COMPUTING

DEGREE OF BACHELOR OF INFORMATION TECHNOLOGY (*EXTERNAL*)  
*Academic Year 2010/2011 – 1<sup>st</sup> Year Examination – Semester 1*

***IT1304 – PC Applications***  
***Multiple Choice Question Paper***

**06<sup>th</sup> March, 2011**  
**(TWO HOURS)**

**Important Instructions:**

- The duration of the paper is **2 (Two) hours**.
- The medium of instruction and questions is English.
- The paper has **55** questions and **18** pages.
- All questions are of the MCQ (Multiple Choice Questions) type.
- All questions should be answered.
- Each question will have 5 (five) choices with one or more correct answers.
- All questions will carry equal marks.
- There will be a penalty for incorrect responses to discourage guessing.
- The mark given for a question will vary from 0 to +1(*All the correct choices are marked & no incorrect choices are marked*).
- Answers should be marked on the special answer sheet provided.
- Note that questions appear on both sides of the paper. If a page is not printed, please inform the supervisor immediately.
- Mark the correct choices on the question paper first and then transfer them to the given answer sheet which will be machine marked. **Please completely read and follow the instructions given on the other side of the answer sheet before you shade your correct choices.**

- 1) Match the expressions in Column 1 with the correct term(s) in Column 2.

Column 1		Column 2	
(i)	A computer program which runs on any operating system	A.	A Computer Application
(ii)	The rightmost part of a filename after the dot	B.	LINUX
(iii)	A Computer software	C.	Extension
(iv)	An Operating system on which Open Office Application can be installed	D.	DOS
		E.	Mac OS

- (a) (i)-(A) ; (ii)-(C) ; (iii)-(B) ; (iv)-(B)  
 (b) (i)-(A) ; (ii)-(C) ; (iii)-(B) ; (iv)-(E)  
 (c) (i)-(E) ; (ii)-(C) ; (iii)-(D) ; (iv)-(B)  
 (d) (i)-(C) ; (ii)-(D) ; (iii)-(A) ; (iv)-(E)  
 (e) (i)-(A) ; (ii)-(C) ; (iii)-(D) ; (iv)-(B)

- 2) Consider the following properties.

- (I) Folder size  
 (II) Number of files and folders  
 (III) Date modified

Which of the above can be found using the 'properties' dialog box of a folder?

- (a) (I) Only. (b) (II) Only. (c) (I) and (II) Only.  
 (d) (II) and (III) Only. (e) (I) and (III) Only.

- 3) Which of the following is/are **not** an Open Office application?

- (a) Writer (b) Impress (c) Base  
 (d) Home suit (e) Firefox

- 4) Consider the following sentences.

Mail merging facility in Open Office Writer can be used to produce

- (I) a letter to be sent to various parents, or guardians of undergraduates of a University.  
 (II) a set of faxes or email messages.  
 (III) a set of numbered coupons in which each contains a unique number.

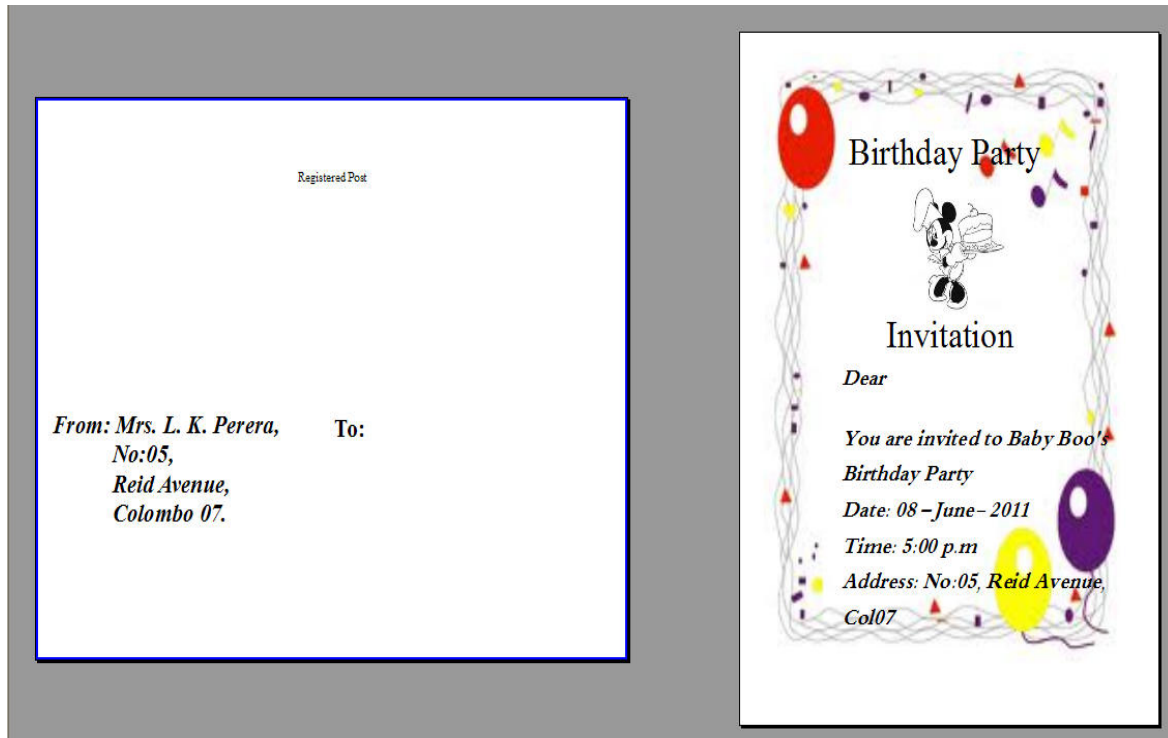
Which of the above is / are correct?

- (a) (I) Only. (b) (I) and (II) Only. (c) (II) and (III) Only.  
 (d) (I) and (III) Only. (e) All.

- 5) Which of the following data source(s) is/are can be used to create a Mail merge in Open Office Writer?

- (a) Microsoft Excel (b) Open Office.org Base (c) Microsoft Access  
 (d) Notepad text document (e) Open Office.org Calc

Below is an invitation designed by Mrs. Perera to invite the family friends for a birthday party.  
**Consider the following page preview in Open Office.org Writer and answer the questions 6&7.**



- 6) Which of the following features in Open Office.org Writer is/are used to create the above document?

- |                        |               |                       |
|------------------------|---------------|-----------------------|
| (a) Page borders       | (b) Envelope  | (c) Picture from File |
| (d) Indexes and Tables | (e) Drop caps |                       |

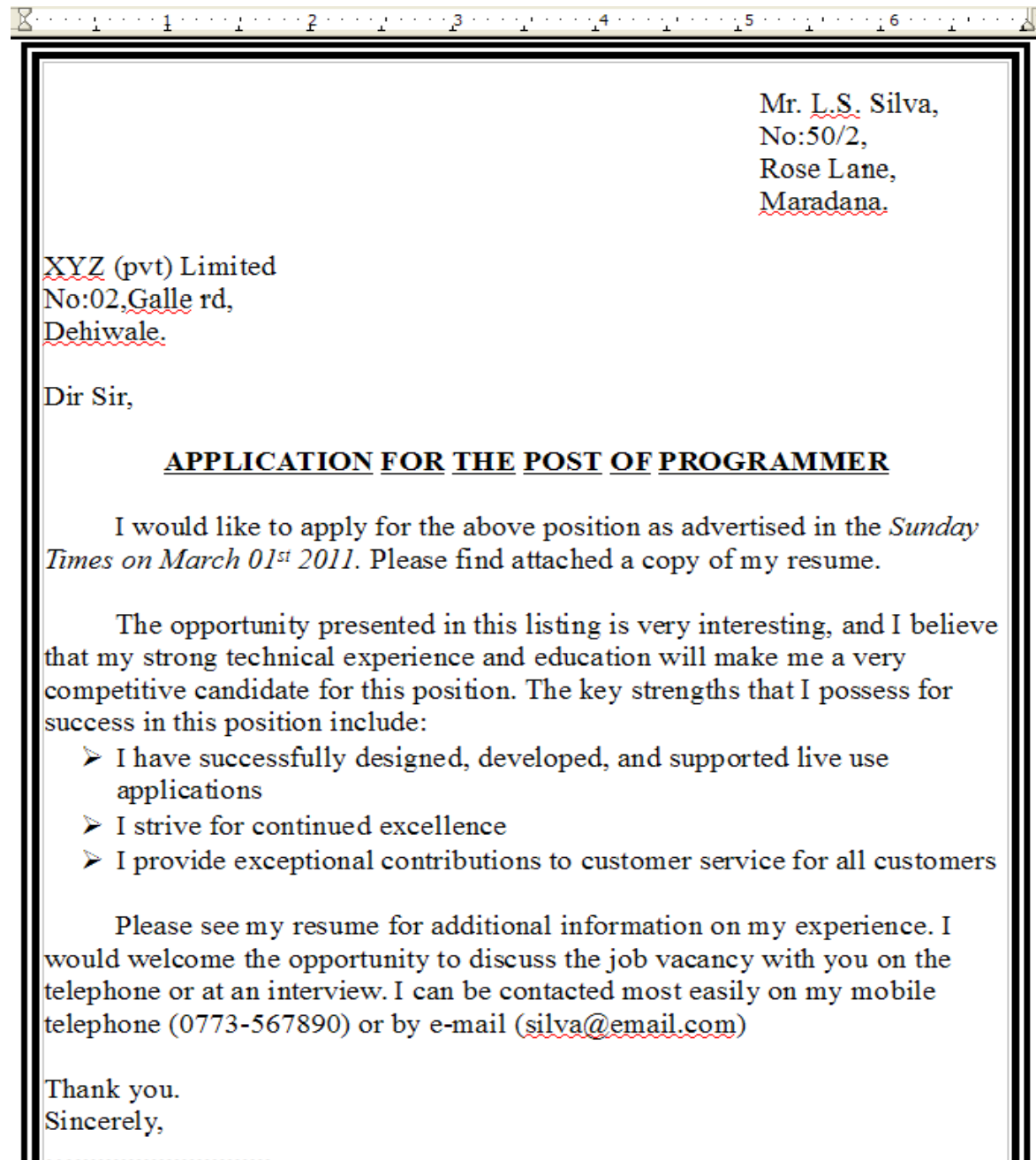
- 7) Once the document is designed, the mail merge facility in Open Office.org Writer can be used to create the invitations for each individual. From the list of steps given below, identify the correct order of steps to form the mail merge.

Note: the designed document is already opened and the data table of the invitees should be also created.

- A. Select 'start from existing document'.
- B. Save merged document.
- C. Select insert address block.
- D. Create a new data table.
- E. Select use the current document.
- F. Go to edit document.
- G. Insert Fields.

- |                           |
|---------------------------|
| (a) C – D – E – F – G – B |
| (b) A – C – D – F – G – B |
| (c) C – D – A – F – G – B |
| (d) E – C – D – F – G – B |
| (e) E – B – D – C – F – G |

Answer questions 8 & 9 based on the Letter created in Open Office.org Writer.



8) What is/are the formatting option(s) used to create the above letter?

- |                 |                   |                |
|-----------------|-------------------|----------------|
| (a) Justified   | (b) Centerd       | (c) Align Left |
| (d) Align Right | (e) Strikethrough |                |

9) Which of the following is/are true with respect to the above letter?

- |  |
|--|
| (a) AutoSpellCheck option is activated in the document.                  |
| (b) The document contains italic fonts.                                  |
| (c) Some paragraphs of the document are formatted using a bulleted list. |
| (d) A Page boarder is applied on the document.                           |
| (e) Subscript letters can be found within the document.                  |

- 10) Match the functionalities listed on Column A with the most appropriate Short cuts keys listed on Column B.

Column A		Column B	
(i)	Saves the current document	A.	Ctrl + O
(ii)	Opens the 'Save as' dialog box	B.	Alt + O
(iii)	Open or import a file	C.	Ctrl + Alt + N
(iv)	Creates a new Open Office.org document	D.	Ctrl + Shift + S
		E.	Ctrl + S
		F.	Ctrl + N

- (a) (i)-(D) ; (ii)-(E) ; (iii)-(A) ; (iv)-(F)  
 (b) (i)-(D) ; (ii)-(E) ; (iii)-(B) ; (iv)-(C)  
 (c) (i)-(E) ; (ii)-(D) ; (iii)-(A) ; (iv)-(F)  
 (d) (i)-(E) ; (ii)-(D) ; (iii)-(B) ; (iv)-(C)  
 (e) (i)-(D) ; (ii)-(E) ; (iii)-(A) ; (iv)-(C)

- 11) Consider the following incomplete sentences.

- (I) Any task to be performed repeatedly can be automated using a/an .....  
 (II) A ..... in OpenOffice.org Writer can be followed by clicking on it while holding the Ctrl Key on the Keyboard.  
 (III) The ..... tool in Open Office.org Writer increases or decreases the view of the page.

Which of the following combination of words provide the correct matching to complete the above sentences?

- (a) I - Thesaurus, II - Mail Merge, III - Page Preview.  
 (b) I - Macro, II - Macro, III - Zoom.  
 (c) I - Change case, II - Figure, III - Page Preview.  
 (d) I - Macro, II - Hyperlink, III - Zoom.  
 (e) I - Indentation, II - Figure, III - Zoom.

- 12) Styles and formatting option in Open Office.org Writer provide the facility(ies) to apply

- (a) Paragraph Styles.  
 (b) Character Styles.  
 (c) Frame Styles.  
 (d) Page Styles.  
 (e) List Styles.

The questions 13 & 14 are based on the following Figures.

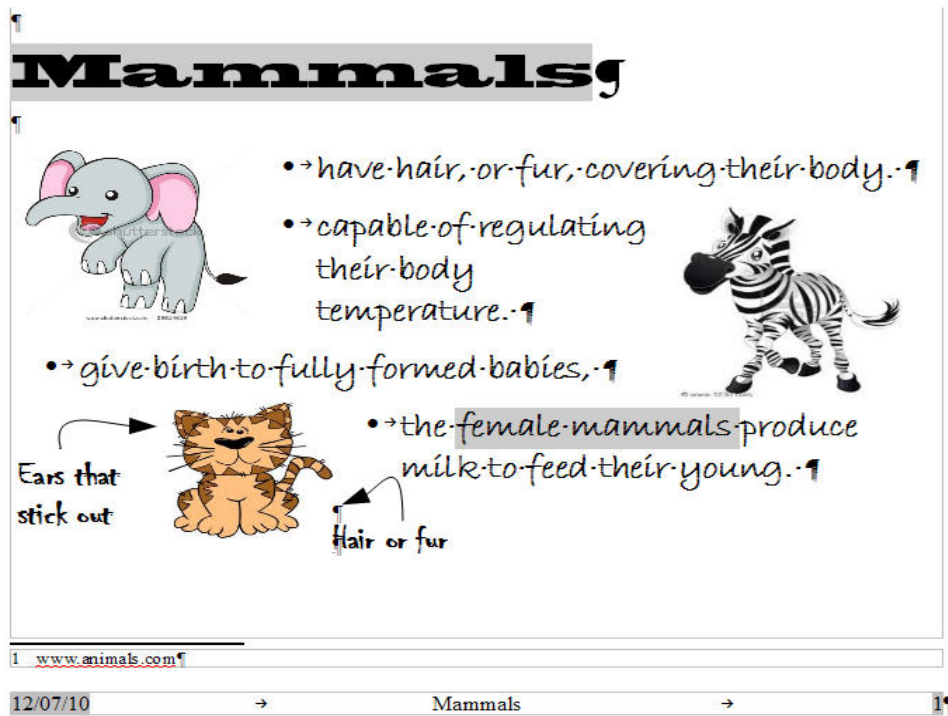


Figure 1: Document created using OpenOffice.org Writer

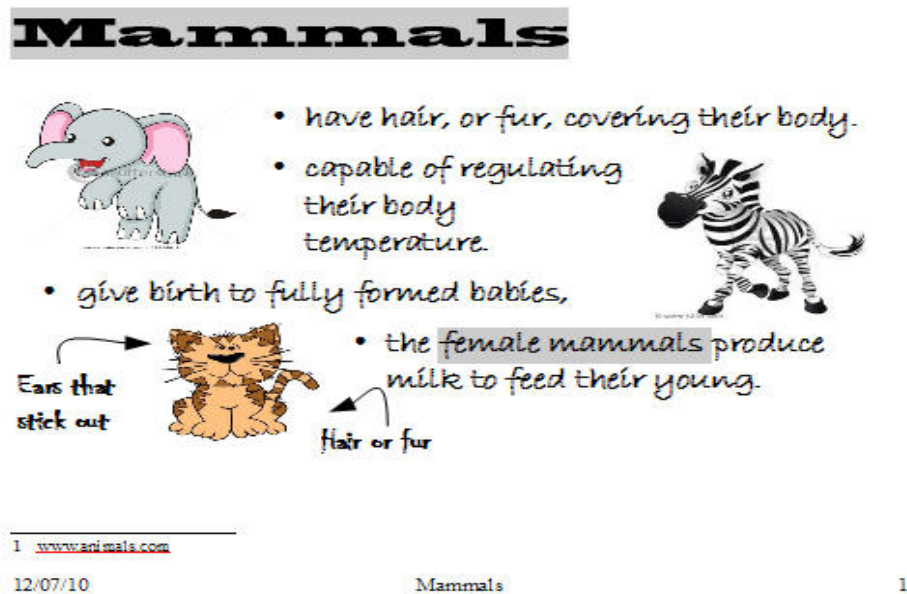


Figure 2: Document Preview

13) Which of the following formatting options is /are used to create the above document?

- |                  |                  |              |
|------------------|------------------|--------------|
| (a) Wrapping.    | (b) Page border. | (c) Columns. |
| (d) Page Header. | (e) Page Footer. |              |

14) Consider the following sentences.

- (I) The document contains a footnote to reference more information about the topic.
- (II) Special character option is activated to show paragraph marks and line breaks.
- (III) The background colour is applied on some of the texts on the above document.

Which of the above statements is /are correct regarding the above document?

- |                       |                |                      |
|-----------------------|----------------|----------------------|
| (a) (I) Only.         | (b) (II) Only. | (c) (I) & (II) Only. |
| (d) (I) & (III) Only. | (e) All.       |                      |

15) Consider the following Character effects listed from A-F and the Open Office.org Writer document segment created by applying different font effects on the given expression “Word Processing”.

**Character Effects:**

- A. Underlining
- B. Overlining
- C. Italics
- D. Strikethrough
- E. Outline
- F. Embossed

I.	<del>Word Processing</del>
II.	<u>Word Processing</u>
III.	<u>Word Processing</u>
IV.	<u>Word Processing</u>

Which of the following provide(s) the correct matching of font effects applied on the above sentence?

- |                                |
|--------------------------------|
| (a) I-E, II-A, III-A, IV-F     |
| (b) I-C, II-E, III-A, IV-D & B |
| (c) I-F, II-B, III-E, IV-E     |
| (d) I-E, II-F, III-E, IV-A & E |
| (e) I-D, II-A, III-A, IV-A & B |

Consider the following Figure A and Figure B and identify the most suitable answer(s) for questions 16 to 20.

Revenues/Units Sold/1000
/Price per unit/100
/Total revenue/.....
//
Variable Cost/Units Produced/2000
/Material cost per unit/25
/Total material cost/.....
/Manufacturing cost per unit/10
/Manufacturing expenses/.....
/Total Variable costs/.....
//
Fixed costs/Leasing/5000
/Salary/50000
/Benefits/5000
/Advertisement/5000
/Total Fixed costs/.....
//
Summary/Total Cost/.....
/Profit/.....

Figure A

Revenues	Units Sold	1000
	Price per unit	100
	Total revenue	.....
Variable Cost	Units Produced	2000
	Material cost per unit	25
	Total material cost	.....
	Manufacturing cost per unit	10
	Manufacturing expenses	.....
	Total Variable costs	.....
Fixed costs	Leasing	5000
	Salary	50000
	Benefits	5000
	Advertisement	5000
	Total Fixed costs	.....
Summary	Total Cost	.....
	Profit	.....

Figure B

Suppose the data shown in Figure A is already available in an Open Office.org Writer document.

Note: The following equations can be used to calculate the missing entries of the data table.

Total revenue	= Units Sold*Price per Unit
Total material cost	= Units produced * Material cost per unit
Manufacturing expenses	= Units produced * Manufacturing cost per unit
Total Variable costs	= Total material cost + Manufacturing expenses
Total Fixed Costs	= Leasing + Salary + Benefits + Advertisement
Total cost	= Total Variable costs + Total Fixed Costs
Profit	= Total revenue – Total cost



16) Consider the following incomplete sentence.

One can use ..... command(s) in Open Office.org Writer to create the data table shown in Figure B using the data shown in Figure A.

Which of the following provide(s) the best expression to complete it?

- |                           |                           |                  |
|---------------------------|---------------------------|------------------|
| (a) convert text to table | (b) convert table to text | (c) table insert |
| (d) copy and paste        | (e) paragraph tabs        |                  |

17) Consider the following statements and select the correct one(s).

- (I) Formula bar in Open Office Writer can be used to calculate Total revenue of the data table.
- (II) The function sum can be used to calculate the total Fixed costs of the above data table.
- (III) Total revenue cannot be calculated if the data table is created in Open Office.org Writer.

- |                          |                 |                      |
|--------------------------|-----------------|----------------------|
| (a) (II) Only.           | (b) (III) Only. | (c) (I) & (II) Only. |
| (d) (II) and (III) Only. | (e) All.        |                      |

18) Suppose Figure B is created in Open Office.org Writer. Which of the following statement(s) is/are correct regarding the data table formatting shown in Figure B?

- |  |
|--|
| (a) Data values in third (3 <sup>rd</sup> ) column are aligned right.                                |
| (b) Data values in third column are formatted using the thousands separator.                         |
| (c) The only way to get three lines is by drawing each line using the drawing tool bar.              |
| (d) The above data table style can be added as a new formatting style in the auto format dialog box. |
| (e) The data table is formatted using a shadow style.  |

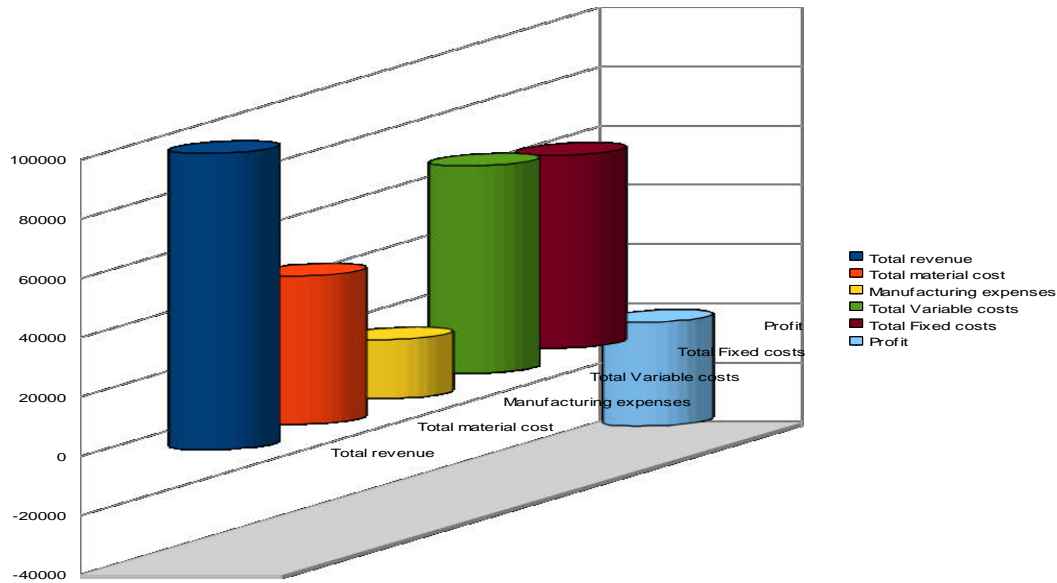
**Answer the questions 19 & 20 based on the following assumption.**

Assumption: The data table shown in Figure B is created within the range of A1:C19 using OpenOffice.org Calc.

19) Which of the following formulae can be used to calculate the total variable costs in cell C10?

- |                    |                   |              |
|--------------------|-------------------|--------------|
| (a) = sum (C7; C9) | (b) = sum(C7: C9) | (c) = C7+ C9 |
| (d) C7 + C9        | (e) add (C7; C9)  |              |

20) Consider the following chart created in Open Office.org Calc for the above cell range.



Consider the following statements.

- I The Option 3D look is checked.
- II The Option Data Series in Columns is selected.
- III The Option First row as label is checked.

Which of the above is/are correct regarding the options selected in chart wizard dialog box to draw the above chart?

- |                        |                      |                       |
|------------------------|----------------------|-----------------------|
| (a) (I) Only.          | (b) (I) & (II) Only. | (c) (I) & (III) Only. |
| (d) (II) & (III) Only. | (e) All.             |                       |

21) Open Office.org Calc is an electronic spreadsheet application which lets you to

- |  |
|--|
| <ul style="list-style-type: none"> <li>(a) organize data into rows and columns.</li> <li>(b) fill cells automatically with a series.</li> <li>(c) represent numbers in a chart.</li> <li>(d) perform mathematical calculations and format data.</li> <li>(e) create common letters for a group of people.</li> </ul> |
|--|

22) Suppose a workbook contains two sheets and E10 in sheet1 should display the difference between the values A1 in sheet1 and B1 in sheet2. Which of the following formulae can be used for that purpose in Open Office.org Calc?

- |   |
|---|
| <ul style="list-style-type: none"> <li>(a) = sheet1.A1-sheet2.B1</li> <li>(b) = A1 – B1</li> <li>(c) = A1 – sheet2.B1</li> <li>(d) Sheet1.E10 = sheet1.A1-sheet2.B1</li> <li>(e) = A1.sheet1 – B1.sheet2</li> </ul> |
|---|

- 23) The three columns of the following table list the applied cell formatting on a specific cell, user entered value and the value displayed on the cell respectively.

	Cell formatting	User entered value	Value displayed
I	Date: Dec 31, 1999	11/23/2010	Nov – 23 - 2010
II	Percent: -12.95%	2.3	2.3%
III	Scientific: -1.23E+03	200	2.00E+02
IV	Number: -1,234	20099.2	20,099.2

Which of the above is / are correct regarding the cell formatting applied on a cell?

- |                      |                        |                    |
|----------------------|------------------------|--------------------|
| (a) (I) & (II) Only. | (b) (II) & (III) Only. | (c) (III)&(IV)Only |
| (d) (I) & (IV) Only. | (e) (I) & (III) Only.  |                    |

- 24) Which of the following is / are true regarding Open Office.org Calc?

- |   |
|---|
| (a) DataPilot is a method used to show how a large amount of data is interactively combined and compared. |
| (b) Split panes on a work sheet lets one to copy and paste data between different areas on a large sheet. |
| (c) Formats in one cell can be copied to another by using the format paintbrush.                          |
| (d) The cell / range name is shown by a small reddish triangle on the top right corner of the cell.       |
| (e) Conditional formatting highlights a range of cells with a different formatting.                       |

Answer the questions from 25 to 28, based on the following data table created using Open Office.org Calc.

	A	B	C	D	E	F	G
1	<b>Final Marks</b>						
2				<b>Assignments</b>	<b>30%</b>		
3			<b>Final Mark</b>	<b>Final Papers</b>	<b>70%</b>		
4							
5		<b>Fore Name</b>	<b>Last Name</b>	<b>FullName</b>	<b>Final paper</b>	<b>Assignment</b>	<b>Final Mark</b>
6	Mr.	Gayan	Perera	Mr.Gayan Perera	45	85	57
7	Miss.	Rani	Jayaseelan	Miss. Rani Jayaseelan	52	23	43.3
8	Mr.	Kamal	Jayawardhana	Mr. Kamal Jayawardhana	78	45	68.1
9							
11			<b>Filter Criteria</b>	<b>Final Mark</b>			
12				<b>&gt;=60</b>			
13							

Suppose E2:E3 is formatted using the percent number format and the Final Mark is calculated based on the criteria listed on cells C2:E3.

- 25) Which of the following expressions should be inserted on G6 to calculate the Final Mark of Mr. Gayan Perera and then to calculate the rest by dragging the formula inserted in G6?

- |                                    |
|------------------------------------|
| (a) = E6*E3 +F6*E2                 |
| (b) = E6*\$E\$3/100 +F6*\$E\$2/100 |
| (c) = E6*E3/100 +F6*E2/100         |
| (d) = E6*\$E\$3 +F6*\$E\$2         |
| (e) = E6*70/100 + F6*30/100        |

26) The cell D6 can be filled by using the function,

- (a) = CONCATENATE(A6;B6;" ";C6)
- (b) = CONCATENATE(A6:C6)
- (c) = COPY(A6:C6)
- (d) = STRING(A6:C6)
- (e) = STRING(A6; B6; C6)

27) Suppose a data analyst needs to filter data according to the criteria listed on C11:D12. Which of the following cell ranges should be selected in the read filter criteria from box?

- (a) C11: D12
- (b) D11 : D12
- (c) A5 : G8 AND C11 : D12
- (d) A5 : G8 AND D11 : D12
- (e) A5 : G8 AND D12

28) Consider the following sentences.

To obtain the entire records of the person who obtained the highest final mark, the data analyst can use,

- (I) Max function.
- (II) Standard filter.
- (III) Sort.

Which of them is/are correct?

- (a) (I) Only.
- (b) (II) Only.
- (c) (III) Only.
- (d) (I) & (II) Only.
- (e) (II) & (III) Only.

29) Imagine that you need to create a database to a school to track each student's name and home details along with the subjects they have taken, and the grades achieved. Following is the table designed.

StudentId	StudentName	HomeAddress	Subject	Grade
S001	Mala	Colombo	Mathematics	A
S001	Mala	Colombo	Science	B
S001	Mala	Colombo	English	A
S002	Maduri	Kalaniya	Mathematics	B
S002	Maduri	Kalaniya	English	C

Identify to which normal form the above table belongs to.

- (a) 1NF
- (b) 2NF
- (c) 3NF
- (d) 4NF
- (e) Unnormalized

30) In Open Office.org Base, a row in a table is known as a/ an.....

- (a) object
- (b) record
- (c) form
- (d) field
- (e) cell

31) Which of the following column names is /are valid in Open Office.org Base tables?

- (a) Customer%No
- (b) Customer no
- (c) Customer#
- (d) CustomerNo1
- (e) Customer\*No

- 32) Consider the following table specification which is used to design the table 'Customer' using Open Office.org Base.

Field Name	Field Type	Entry Required	Length	Default value	Format example
EmployeeID	Text[VARCHAR]	Yes	4		E
FirstName	Text[VARCHAR]	Yes	10		
LastName	Text[VARCHAR]	Yes	15		
Address	Text[VARCHAR]	No	50		
EmailAddress	Text[VARCHAR]	No	25		@cmb.ac.lk
MobileNumber	Number[NUMERIC]	No	10		0000000000

Which of the following lists of data give(s) the valid matching for the above specification?

	Employee ID	First Name	Last Name	Address	EmailAddress	Mobile Number
(a)	0001	Namal	Perera	5 <sup>th</sup> Lane, Malabe	aaa@cmb.ac.lk	
(b)	00001	Namal	Perera		aaa@yahoo.com	0771234567
(c)	E001		Perera	5 <sup>th</sup> Lane, Malabe	aaa@cmb.ac.lk	
(d)	0001	Namal		5 <sup>th</sup> Lane, Malabe	aaa@yahoo.com	0771234567
(e)	E001	Namal	Perera		aaa@cmb.ac.lk	0771234567

- 33) Which of the following operations is / are valid on a table in Open Office.org Base table data view?

- (a) Changing the width of the Column
- (b) Hiding a Column
- (c) Data Sorting
- (d) Data Filtering
- (e) Delete Record

- 34) Which of the following operations can be done in a Relational Database?

- (a) Insert
- (b) Update
- (c) Select
- (d) Delete
- (e) Order

- 35) A foreign key

- (a) can be a single column or a group of columns of a table.
- (b) can have a different column name from the parent key that it references.
- (c) must be unique for each instance of an entity.
- (d) can be null or empty.
- (e) provides a method for maintaining integrity in the data.

- 36) Which of the following operations is / are valid when designing reports in Open Office.org Base?

- (a) Field Labelling
- (b) Header / Footer Designing
- (c) Data Sorting
- (d) Grouping Fields
- (e) Data Layouting

Refer the following data table and answer the questions 37 & 38.

RoomID	Type	Rate	Availability
101	Double	15,000	Checked
102	Single	8,000	Unchecked
103	Triple	25,000	Unchecked
104	Triple	20,000	Checked
105	Double	10,000	Unchecked

37) What data type(s) can be used to create the above table in Open Office.org Base?

- |                       |                     |            |
|-----------------------|---------------------|------------|
| (a) Binary[VARBINARY] | (b) Yes/No[BOOLEAN] | (c) BigInt |
| (d) Number[NUMERIC]   | (e) Text[VARCHAR]   |            |

38) Consider the following three screenshots.

I

Field	Room.*	Type	Rate	Availability
Alias				
Table	Room	Room	Room	Room
Sort				
Visible	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Function				
Criterion		'Triple'	<= 21000	TRUE

II

Field	RoomID	Type	Rate	Availability
Alias				
Table	Room	Room	Room	Room
Sort				
Visible	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Function				
Criterion		'Equals ("Triple")'	Less than or equal 21000	TRUE

III

Field	RoomID	Type	Rate	Availability
Alias				
Table	Room	Room	Room	Room
Sort				
Visible	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Function				
Criterion		'Triple'	< 21000	TRUE
Or			21000	

Which of the above screenshots provides a query to find out the Triple rooms that are available and have a rate less than or equal to 21,000?

- |                          |                         |                        |
|--------------------------|-------------------------|------------------------|
| (a) (I) Only.            | (b) (II) Only.          | (c) (I) and (II) Only. |
| (d) (II) and (III) Only. | (e) (I) and (III) Only. |                        |

39) Select the most appropriate phrase(s) to fill in the blank in the following incomplete sentence.

Slide Master in Open Office.org Impress lets one to apply a common ..... to all slides in a particular presentation.

- |                |                      |           |
|----------------|----------------------|-----------|
| (a) background | (b) logo             | (c) table |
| (d) animation  | (e) slide transition |           |

40) Select appropriate word phrases from among the three provided to fill in the blank in the incomplete sentence which follows.

- (I) Master pages.
- (II) Slide layouts.
- (III) Slide transitions.

A particular multimedia presentation can have different .....

- |                         |                        |                          |
|-------------------------|------------------------|--------------------------|
| (a) (II) Only.          | (b) (I) and (II) Only. | (c) (II) and (III) Only. |
| (d) (I) and (III) Only. | (e) All.               |                          |

41) Which of the following elements can be incorporated in a multimedia presentation?

- |                 |
|-----------------|
| (a) Charts      |
| (b) Video files |
| (c) Sound files |
| (d) Formulas    |
| (e) Hyperlinks  |

42) Consider the following statements.

- (I) Time manageability should be thought of when designing a presentation.
- (II) One can press F5 to start the slide show of a presentation.
- (III) A presentation application can be used to design web pages.

Which of them is/are correct?

- |                         |                |                        |
|-------------------------|----------------|------------------------|
| (a) (I) Only.           | (b) (II) Only. | (c) (I) and (II) Only. |
| (d) (I) and (III) Only. | (e) All.       |                        |

43) Which of the following is /are correct regarding a presentation created using Open Office.org Impress?

- |   |
|---|
| (a) A presentation should contain at least one custom animation in order to save it as a multimedia presentation. |
| (b) One can move one or a set of slides from one location to another.   |
| (c) It can be protected using a password.   |
| (d) One cannot insert images to a presentation without using a picture place holder.                              |
| (e) A variable date and time can be applied to one or more slides of the presentation.                            |

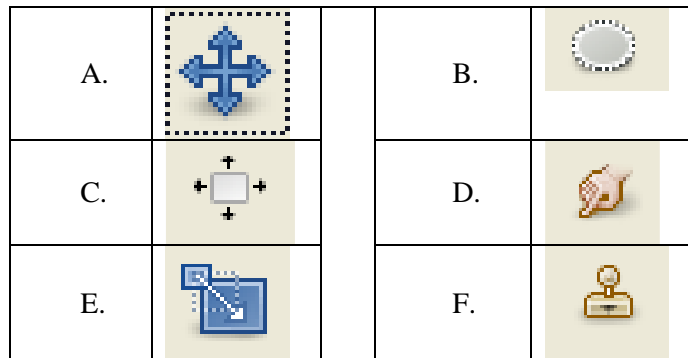
44) A hidden slide in a presentation

- |  |
|--|
| (a) will not appear in the slide sorter view of the presentation.                    |
| (b) will be hidden from the normal sequence of the presentation.                     |
| (c) can be made visible while the presentation is going on by clicking on an object. |
| (d) will not allow one to edit in the normal view of the presentation.               |
| (e) increases the size of the file unnecessarily.                                    |

45) While the slide show is going on, one can alter the presentation flow by

- (a) going to another slide of the presentation.
- (b) selecting the outline view of the presentation.
- (c) going to the last slide of the presentation.
- (d) ending the slide show.
- (e) moving to the slide sorter view of the presentation.

Questions 46 & 47 are based on the following tools in GIMP.



46) Which of the following identifications of the above tools is/are correct?

- |                           |                           |                    |
|---------------------------|---------------------------|--------------------|
| (a) A - Alignment tool    | (b) B – Eclipse Draw tool | (c) F – Clone tool |
| (d) D – Dodge / Burn tool | (e) E – Shear tool        |                    |

47) Identify the correct statement(s).

- (I) The tool represented by letter D uses the current brush to lighten or darken the colours in an image.
- (II) The tool represented by letter C is used to move layers of an image.
- (III) The tool represented by letter E is used to change the width and height of an image separately.

- |              |               |                |
|--------------|---------------|----------------|
| (a) (I) Only | (b) (II) Only | (c) (III) Only |
| (d) All.     | (e) None.     |                |

48) In GIMP, what is /are the tool(s) one has to use to select a contiguous area of similar coloured pixels?

- |                     |                        |                      |
|---------------------|------------------------|----------------------|
| (a) Magic Wand tool | (b) Fuzzy Select tool  | (c) Free Select tool |
| (d) Crop tool       | (e) Colour Picker tool |                      |

49) The clone tool in GIMP can be used to

- |  |
|--|
| (a) repair problem areas in digital photos.                    |
| (b) remove a colour from the current layer.                    |
| (c) remove borders or to eliminate unwanted areas of an image. |
| (d) draw patterned lines or curves.                            |
| (e) reduce the size of an image.                               |



- 50) Consider the following original image and the edited image.



**Image 1 : Original image**



**Image 2 : Edited image**

Which of the following tools is /are used to edit the image shown in image 2 using GIMP?

- |                    |                       |           |
|--------------------|-----------------------|-----------|
| (a) Perspective    | (b) Foreground select | (c) Lasso |
| (d) Eclipse select | (e) Flip              |           |

- 51) Which of the following statements is /are correct regarding webpages and websites?

- |  |
|--|
| (a) Before creating the structure of a webpage, one should draw the design on a piece of paper.                |
| (b) To build an eye catching background on a webpage, one should use a small image file as a background image. |
| (c) While planning to develop a website, one should consider the goals to be achieved from the site.           |
| (d) Navigation in websites should be complex and consistent throughout the website                             |
| (e) A website composes of a collection of interrelated webpages.   |

- 52) How can one fill the blank space in the following incomplete sentence?

A webpage might contain .....

- |   |
|---|
| (a) hyperlinks.                                 |
| (b) images.                                     |
| (c) option Buttons.                             |
| (d) bulleted list items or numbered list items. |
| (e) a combo box.                                |

- 53) How can one fill the blank space in the following incomplete sentence?

Amaya is a /an .....

- |                              |
|------------------------------|
| (a) web authoring language.  |
| (b) cascading style sheet.   |
| (c) browser.                 |
| (d) Open office application. |
| (e) web designing tool.      |

54) How can one fill the blank space in the following incomplete sentence?

Using Kompozer, one can .....

- (a) design a homepage of a website.
- (b) insert or embed an audio file to a webpage.
- (c) slice an image into number of images.
- (d) insert and align a table to the right of a webpage.
- (e) apply security settings to the website.

55) Consider the following items.

- (I) A button
- (II) An image
- (III) An item of a bulleted list

Which of the above items can be used as a hyperlink when designing a webpage?

- |                      |                |                 |
|----------------------|----------------|-----------------|
| (a) (I) Only.        | (b) (II) Only. | (c) (III) Only. |
| (d) (I) & (II) Only. | (e) All.       |                 |

\*\*\*\*\*