CLASS NOTES				
Class: X Subject: Information Technology (402)	Topic: 1: Communication Skills 2: Self-management Skills 3: Information and Communication Technology Skills 6: Digital Documentation (Advanced) using Libre Office Writer 7: Electronic Spreadsheet (Advanced) using Libre Office Calc			
Chapter-1: Communication Skills				
Session 1: Methods of Communicat 1. Which of the following is NOT an process cycle?	tion element of communication within the communication			
1	(c) Sender (d) Time			

(c) **Phone call**

- 2. You need to apply leave at work? Which method of communication will you use?
- (a) e-mail (b) Poster (c) Newsletter (d) Blog
- 3. By which action can senders send their messages?
- (a) Gestures (b) Speaking (c) Reading (d) Writing

(b) Letters

Session 2: Verbal Communication

- 1. Which of the following is an example of oral communication?
- 2. What are the types of words we should use for verbal communication?(a) Acronyms (b) Simple (c) Technical (d) Jargons
- 3. Why do we use e-mails?

(a) Newspapers

- (a) To communicate with many people at the same time.
- (b) To share documents and files.
- (c) To talk to each other in real-time.
- (d) To keep a record of communication.

Session 3: Non-verbal Communication

- 1. Which of these is a positive (good) facial expression?
- (a) Frowning while concentrating (b)
 - (b) Maintaining eye contact
- (c) Smiling continuously

- (d) Rolling up your eyes
- 2. What does an upright (straight) body posture convey or show?
- (a) Pride (b) Professionalism
- (c) Confidence
- (d) Humility

(d) e-mail

- 3. Which of these is NOT an appropriate non-verbal communication at work?
- (a) Keeping hands in pockets while talking
- (b) Talking at moderate speed

(c) Sitting straight

- (d) Tilting head a bit to listen
- 4. Which of the following statement is true about communication?
- (a) 50% of our communication is non-verbal
- (b) 20% communication is done using body movements, face, arms, etc.
- (c) 5% communication is done using voice, tone, pauses, etc.
- (d) 7% communication is done using words

Session 4: Communication Cycle and Importance of Feedback

- 1. Which of these are examples of positive feedback?
- (a) Excellent, your work has improved.
- (b) I noticed your dedication towards the project.
- (c) You are always doing it the wrong way.
- (d) All of the above
- 2. Which of these are examples of negative feedback?
- (a) I hate to tell you this but your drawing skills are poor.
- (b) You can surely improve your drawing.
- (c) This is a good drawing but you can do better.
- (d) None of the above
- 3. Which of the following are effective components of a good feedback?
- (a) Detailed and time consuming

(b) Direct and honest

(c) Specific

(d) Opinion-based

Session 5: Barriers to Effective Communication

- 1. Which of these is NOT a common communication barrier?
- (a) Linguistic barrier
- (b) Interpersonal barrier
- (c) Financial barrier
- (d) Organisational barrier
- 2. Which of these are ways to overcome communication barriers?
- (a) Respecting each other's differences (b) Using a translator
- (c) Not communicating at all
- (d) Using your own language for comfort

Session 6: Writing Skills — Parts of Speech

- 1. In which of the following, the underlined word is an adjective?
- (a) Radha has a red dress.
- (b) I can speak French.
- (c) The Girl on the Train is a best-seller. (d) Abdul can swim fast.
- 2. Which of these sentences is capitalised correctly?
- (a) Ravi and i are going to the movies.
- (b) Salim is visiting India in july.
- (c) The Tiger is a strong animal.
- (d) She is arriving on Monday.
- 3. Which of these sentences are punctuated correctly?
- (a) When is the party.
- (b) I had bread omelette and a Banana for breakfast.
- (c) I am so excited about my first foreign trip!
- (d) This is Abdul's notebook.
- 4. In which of these sentences can you find an adverb?
- (a) Divya drinks milk every day.
- (b) Sanjay gifted me a new pen.
- (c) I opened the door lock.
- (d) Sita is 5-feet tall.

<u>Session 7: Writing Skills — Sentences</u>

- 1. Identify the object, verb and subject in the sentence, 'The car crashed into a tree.'
- (a) Object: a tree; Verb: crashed; Subject: the car
- (b) Object: The car; Verb: crashed; Subject: a tree
- (c) Object: crashed; Verb: the tree; Subject: the car

(d) Object: crashed; Verb: the car; Subject: the tree2. Identify the indirect object in the sentence, 'The band played music for the audience.'(a) The band (b) played (c) music (d) audience					
 3. Which of these is an imperative sentence? (a) Switch off the fan. (b) Sheila has gone to the market. (c) Where are my pen colours? (d) Oh no! I missed my flight. 					
 4. Which of these sentences is in active voice? (a) A movie is being watched by them. (b) The car was repaired by Raju. (c) He is reading a book. (d) The thief was being chased by a policeman. 					
Chapter-2: Self-management Skills					
Session 3: Self-motivation					
1. What makes you complete work or studies without others cheering you?(a) Self-confidence (b) Communication (c) Self-motivation (d) Self-esteem					
2. Which of the following are types of motivation?(a) Internal (b) Intermediate (c) External (d) Extensive					
3. Ravi works hard to get the best student award at the end of year. What type of motivation is this?					
(a) Internal (b) External (c) Both internal and external (d) Not any specific type of motivation					
Chapter-3: Information and Communication Technology Skills					
Session 1 Basic Computer Operations 1. Which of the following functions is not performed using a mouse? (a) Turn on (b) Hover (c) Right click (d) Drag and Drop					
2. What is the term used when you press and hold the left mouse key and move the mouse around?					
(a) Highlighting (b) Dragging (c) Selecting (d) Moving					
3. Here are the steps that take place when starting a computer. Rearrange the steps in the correct order.					
 (a) Desktop appears after login (5) (b) Login screen appears (4) (c) Power on Self-Test (POST) starts(1) (d) Operating system starts (2) (e) Welcome screen appears (3) 					
Session 2: Performing Basic File Operations					
1. Which one of the following shortcut keys is used to paste a file? (a) Ctrl + c (b) Ctrl + p (c) Ctrl + v (d) Ctrl + x					

2. Which of t (a) .jpg	the following (b) .doc	is a valid file e (c) .text	extension (d) .t:	n for Notepad file? <mark>xt</mark>	
3. What keys (a) Ctrl+x	s do you use t (b) Ctrl+c	to copy someth (c) (ning? Ctrl+z	(d) Ctrl+y	
Session 3: C	<u>Computer Ca</u>	re and Mainte	<u>enance</u>		
1. What happ (a) It can bre (c) It can ov	eak.	(b) I	It can sto	n even after it is char op functioning. get corrupt.	ged 100%?
(a) It can pro	otect it from	protect your do over-heating. From getting co		(b) It can increase (d) It can backup d	-
(a) Keep the	e device unp		in use.	(b) Do not cover a la	ptop with a blanket. he device in the sun.
(a) Turn the (b) Blow dus (c) Use a ver	keyboard up st and other p ry dilute com ns from the k	oside down and particles with l bination of soa	d shake i nelp of a		naterial. ion-abrasive cloth to
Session 4: C	<u>Computer Se</u>	curity and Pri	<u>ivacy</u>		
	r computer	ensure secure (b) Give cre (d) Do not us	dit card	or bank details onl	y on safe websites
	Ü	trap small chil (b) Worms		o inappropriate rela (c) Trojan Horse	
(a) Only lette	ers	. ,	rs and sp	pecial characters ers and special char	acters
<u>Chapte</u>	r-6 Digital	Document :	ation (A	Advanced) using	LibreOffice Writer
<u>Introduction</u>	n to Styles				

1. Which of the following features in LibreOffice Writer is/are used to create the given

(a) Page borders (b) **Envelope** (c) Picture from File (d) Indexes and Tables

document?

2. Styles menu (from sidebar) in Writer provide options to work on(a) Paragraph Styles (b) Frame Styles (c) Page Styles (d) All of the above
 3. What is style template in LibreOffice Writer? (a) Pre-determined form and mode of document file (b) One kind of model style (c) One type of document (d) Cluster of documents in Writer
4. Which of the following gives the status of your document like page numbers, number of pages?
(a) Status bar (b) Standard toolbar (c) Formatting (d) Title bar
5. Which of the following can be used to access a style menu?(a) F11 function key (b) Sidebar Menu (c) Formatting toolbar (d) All of these
Fill in the blanks 1. A is a collection of different formats. (Style)
2. Styles are especially handy in (LibreOffice)
3. Proper use of styles improves in a document. (Consistency)
4. The first five buttons at the top of the Styles window select the category of (Styles)
5. Using predefined creates Bookmark in the document. (Heading Style)
6. On opening a new file Style is used for formatting the document. (Default)
7. In page layout documents, you can arrange like text boxes and graphics. (Objects)
8. Character styles are often integrated in Style. (Paragraph)
9 allows to apply style at different places in the document. (Fill Format)
10. Predefined Style be updated by Drag and Drop method. (Cannot)
Working with Images 1. The text or image which appears faintly in the background of a page is called (a) Water mark (b) Trade mark (c) Copyright (d) Embossing
 2. JPG or JPEG in image format stands for (a) Joint Photographic Experts Group (b) Joint Picture Experts Group (c) Joint Photographic Experts Graph (d) Joint Photographic Experts General
3. In Drawing Object Properties toolbar, Grouping options provided are (a) Exit Group (b) Ungroup (c) Enter Group (d) All of these
4. Which of the following is not the correct file extension for an image file?(a) GIF (b) JPEG (c) Odt (d) PNG
5. Image toolbar does not provide a tool for(a) filtering (b) cropping (c) copying (d) flipping
Fill in the blanks 1 tool cuts off non-desirable part of the image. (Crop)

2. To change both brightness and contrast of the image tool can be used.				
(Gamma Correction)				
3. To simulate the effect of time on picture tool is used. (Ageing)				
4 place image at the bottom of all objects. (Send Back)				
5. An image can be deleted by it and pressing DELETE key. (Selecting)				
6. In drawing tools, basic shapes list provide shapes. (25)				
7. Anchor act as point for a drawing. (Reference)				
8. There are options for aligning an image horizontally. (Three)				
9. The handles of image are used for rotating it. (Corner)				
10. Changing properties of an object creation, retain them throughout the session. (Before its)				
Advanced Features of Writer 1. Which of the following is NOT true about Table of Contents, Index or Bibliography dialog box? (a) It has four tabs (b) On the Type tab, by default, the checkbox for Protected against Manual Changes option will be selected. (c) The Styles tab contains options to change the background colour. (d) None of the above				
2. Which of the following tabs is by default active when the Table of Contents, Entries or Bibliography dialog box is opened?(a) Entries (b) Background (c) Styles (d) Type				
3. Which of the following tabs contains options to set styles for various entries in the ToC? (a) Entries (b) Background (c) Styles (d) Type				
4. Which of the following can be added in the background of Table of Contents in LibreOffice Writer?(a) Color (b) Graphic (c) Both a and b (d) Neither a nor b				
5. Which of the following is NOT true about templates?(a) The styles and formatting features can be reused.(b) LibreOffice provides online templates(c) We cannot create our own templates.(d) None of the above.				
6. Which of the following is the shortcut key to open the Templates dialog box? (a) Ctrl+Alt+N (b) Shift+Ctrl+N (c) Ctrl+Alt+T (d) Shift+Alt+T				
7. Which of the following buttons, in the Templates dialog box, will be clicked to save a template displayed in the list of templates? (a) Export (b) Import (c) Move (d) None of the above				
8. Which of the following is the shortcut key to select he entire document? (a) Ctrl+S (b) Ctrl+A (c) Ctrl+D (d) Ctrl+B				

 9. Which of the following is the correct sequence of options to open the Templates dialog box? (a) File > Manage Templates > Templates (b) File > Templates > Manage Templates (c) Insert > Templates > Manage Templates (d) Insert > Manage Templates > Templates 					
10. Which of the following is true about Track Changes feature of Writer?(a) You cannot record a change made in the document.(b) A comment of a particular author only can be deleted(c) Any change made to the document is permanent.(d) None of the above					
11. Which of the following menus contains the Track Changes option?(a) File (b) Edit (c) View (d) Insert					
12. Which of the following is the shortcut key to start recording the changes being made in the					
document? (a) Ctrl+Shift+C (b) Alt+Shift+C (c) Ctrl+Alt+C (d) Shift+C+F2					
Fill in the blanks 1. To navigate to the topic from the ToC, press key while clicking the mouse button on that topic. (Ctrl)					
2. To remove the applied paragraph styling in the ToC, select the outline level in the Levels list					
box, and then click the button. (default)					
3. If the checkbox for option is selected, the ToC is protected from any accidental change. (Protected against Manual changes)					
4. To update the ToC manually, right click and select option from the pop up menu. (Updated Index)					
5. The tab contains options to set the number of columns that we want to have in our ToC. (Columns)					
6. A is a preset layout that helps us to create professional and formal documents easily. (Template)					
7. The default template in Writer is (Blank Document Templates)					
8. To find the template that is being used in the current document, select option from the File menu. (Properties)					
9. The button is clicked in Templates dialog box to view online templates. (Browse Online Template)					
10. The feature of Writer offers us an alternative method to keep a record of all the changes made in the original document. (Track Changes)					
11. The shortcut key to start recording the changes is (Ctrl+Shift+C)					

12. After the Track Changes feature is ON, the added characters are shown as te (Coloured)	ext.
State whether the given statements are True or False1. The topics in Table of Contents are hyperlinked. (True)	
2. The Table of Contents in LibreOffice Writer can be updated automatically. (False)	
3. TABLE of Contents can be inserted even if the section headings are not styled. (False)	
4. Once a ToC is created, it cannot be edited. (False)	
5. We cannot add a graphic as a background of ToC. (False)	
6. A single template can be used for multiple documents. (True)	
7. A template cannot contain graphics. (False)	
8. All documents in Writer are based upon templates. (True)	
9. The online templates cannot be added to the list of templates in the templates dialog box. (False)	
10. A template once created can be edited again and again. (True)	
11. The changes recorded have to be accepted by the original author. (False)	
12. We can delete the comments added in a document by the user.	
<u>Chapter-7 Electronic Spreadsheet (Advanced) using LibreOffice Calc</u>	<u>C</u>
Analyse Data using Scenarios and Goal Seek 1. Which of the following feature is not used for data analysis in spreadsheet? (a) Consolidating data (b) Goal Seek (c) Subtotal (d) Page layout	
2. Which of the following office tool is known for data analysis?(a) Writer (b) Calc (c) Impress (d) Draw	
3. Which of the following operations cannot be performed using LibreOffice Calc? (a) Store and manipulate data (b) Create graphical representation of data (c) Analysis of data (d) Mail merge	
4. What is the extension of spreadsheet file in Calc?(a) .odb (b) .odt (c) .odg (d) .ods	
5. The default function while using Consolidate is(a) Average (b) Sum (c) Max (d) Count	
6. Group by is used in tool to apply summary functions on columns. (a) Consolidate function (b) Group and Outline	

(c) what-if sce	nario	(a) Subtotal	[00]	
7. Which tool is (a) Consolidate (c) Goal seek	e function	dict the output (b) What-if s (d) Fine and I		out?
	_	an example fo (c) \$C	r absolute cell referenc (d) #C	ing?
			rse order, finding input (c) What-if analysis	based on the output. (d) Scenario
1. Consolidate one.(True) 2. Consolidate	function is us function canr	sed to combine not be used to	are True or False information from two view and compare data	. (False)
3. Link to sourd data. (True)	ce data is che	cked updates	the target sheet if any c	hanges made in the source
4. Using subtot 5. Subtotal tool 6. Only one sce 7. What-if anal 8. Goal seek an	l can use only nario can be ysis tool uses alysis tool is	one type of so created for on one array of o used while cal		columns. (False) ending on the input. (False)
<i>Fill in the blan</i> 1. Consolidate	function is us	sed to combine ormation. <mark>(Sur</mark>	e information from mul nmarize)	ciple sheets to
		ompared in a s	-	ing trends and relationships
3into one sheet				nation from multiple sheets
4. The grouped data. (n Calc creates	the group automatically	and applies functions on the
5changing condi			e and compare various	alternatives depending on
6	is a planning	tool for what-	if questions. (What-if	rool)
7. What-if analy second uses the	ysis tool uses e	ar. (Two, For n	ray of cells, one array c nula and Display Outp	ontains input values and the out)
8 ł	nelps in findir	ng out the inpu	ıt for the specific outpu	t. (Goal Seek)
Using Macros 1. Macro Recor			the option in th	e menu bar.

(a) Sheet	(b) Data	(c) Tools	(d) Wi	ndow.			
	ne following is vord (b) for				(d) Format_word.		
be changed?	3. Which of the following Libraries contains modules with prerecorded macros and should not be changed?						
(a) My Macro	os (b) <mark>Li</mark>	breOfficeMac	cros	(c) Untitled1	(d) Test.		
	nich of the foll (b) BASIC						
	e can be execu (b) F4				·		
	ne following is (b) <mark>M</mark>						
Fill in the blo	anks						
	-	•			s opened.(Standard)		
2. IDE stands	for		(In	tegrated Dev	elopment Environment)		
	function is cap /values, resul		ting	and ret	curning a		
4. Macro	allo	ws us to add,	delete a	module. (Org	anizer)		
5. The code o		s with	_ follow	ved by the nan	ne of the macro and ends with		
6. By default	a macro is sav	ed in the	·	(Standard Li	brary)		
1. Macro is a	e <u>r the followir</u> group of instr	uctions execut	ting a si	ngle instructio			
	ed, Macro can the Macro rec			•			
	ssible to stop	O		•			
•	5. Every Macro should be given a unique name. (True)						
6. A macro or	nce created car	n be edited lat	er. (Tr u	ie)			
<u>Linking Spreadsheet Data</u>							
	et dialog can b (b) insert			ndows			
(a) \$My Shee	_ refers to cel t.'G5'	(b) \$My Shee	et_'G5'	ly Sheet.			
(c) \$ MyShe	eť.G5	(a) \$ MyShe	et_G5				
3. The path o	3. The path of a file has forward slashes.						

(a) four	(b) three	(c) two	(d) one			
spreadsheet i	ne following fe in LibreOffice ((b) Hyperlin	Calc?	_	_	readsheet from the current	
Fill in the blo		es the location	n with respec	t to the	location. (current)	
2. While inser (HTML_all)	rting tables fro	om a webpage	: :	selects the e	entire HTML document.	
3. The extens	ion of LibreOff	fice base is	(.0	odb)		
4 an (Single quot		ose sheet nan	nes as there r	night be a s	pace within sheet names.	
5. The From f Sheet)	file option of _	Dialo	og box allows	to insert sh	eet from another file. (Inser	't
 State whether the following statements are True or False A sheet can only be added before the current sheet. (False) If 'sales' sheet has a reference to 'cost' sheet then any changes made to 'cost' sheet will be reflected in the sales sheet as well. (True) It is not possible to link a sheet as a reference in another sheet. (False) We can insert data from a table created on a web page into a spreadsheet. (True) A hyperlink once created on a sheet cannot be deleted. (False) 						
 Sharing alled single used one by one Sharing special multiple 	eview a Spreadows to edit the erre users readsheet feats sheets sheet	e spreadsheet (b) different (d) one after ure allows to (b) user's sh	t users simu other users save the char eet			
changes mad	ding Changes for the contract of the contract	_ in the sprea	dsheet.		ferent ways to record the	
	comments are		(c) by revie	wer (d	d) all of above	
_	-		-	_	oted or rejected by er (d) other users	
State whethe	er the followin	g statements	s are True or	False		

- 1. Spreadsheet cannot be shared to work with more than one user. **(False)**
- 2. Some of the features becomes unavailable when the spreadsheet is in shared mode. (True)

- 3. You can record changes in the spreadsheet when the spreadsheet is opened in shared mode. (False)
- 4. File menu is used to Record changes for the spreadsheet. (False)
- 5. You can add a note or suggestion in the spreadsheet using Insert Comment. (False)
- 6. Formatting comment can be used to change the font colour of the comment. (True)

<u>FIII in the blanks</u>	
1. The title bar of the document shows	along with the filename for the shared
mode of the spreadsheet. (Shared)	<u> </u>
2. The shared mode spreadsheet allows u	sers to access and edit the spreadsheet at
the same time. (many)	
3. Recording changes automatically the	shared mode of a spreadsheet. (Turn off)
4 Ciril Film Mail Ci	
4. Click on Edit menu, Track Changes and then sele spreadsheet. (Record)	ct to record the changes in the
5. The border color of the changed cell will be	(Red)
6 is used to add notes or suggestions to	a cell in a spreadsheet. (Comment)
7 The comment hox can be formatted just like form	natting the (cell contents)