WEEKLY SPLIT UP SYLLABUS: 2021-22
CLASS: XI Comm   SUB: Informatics Practices (065)
Name of the Book: NCERT, Sumita Arora
Mode of teaching: ONLINE (G Meet / G classroom)

MONTH	WEEK	ALLOTTED DAY	TOPIC	CONTENT	ASSIGNMENT
TERM I					
Aug	23-28	1	**CBSE Curriculum**	Syllabus of TERM I & Project Synopsis	Writing Marks distribution in a fair copy
	30-31	1			
Sep	1-4	3	**Introduction to Computer System**	Introduction to computers and computing, Computer Memory	Writing all important terms in fair copy
	6-11	3		Software: purpose and types – system and application software, generic and specific purpose.	Solving unsolved Qs from NCERT pdf
	13-18	3	**Introduction to Python**	Basics of Python programming, Python interpreter, indentation, identifiers, keywords, constants, variables, types & precedence of operators, data types, mutable and immutable data types,	- Writing all relevant point in fair copy

- Learning & understanding all terms |
| | 20-25 | 3 | | Statements, expressions, comments, input and output statements, data type conversion, debugging, Control statements: if-else, for loop | - Writing & uploading source coding classroom. |
| | 27-30 | 3 | | | |
| **Oct** | 1-2 | 3 | **Introduction to Python** | List operations - creating, initializing, traversing and manipulating lists, list methods and built-in functions, | - following solving QAs

- Debugging the error |
| | 4-9 | 3 | | Dictionary: concept of key-value pair, creating, initializing, traversing, updating and deleting elements, dictionary methods and built-in functions | - Solving unsolved Qs from NCERT pdf |
| | 25-30 | 3 | | | - Dry run of practical based Qs |
| **Nov** | 1-5 | 3 | **Record File** | 15 Python program from suggested list

Demonstration on Synopsis | - Making practical
- Sending source code & executing it in virtual meet
- Making synopsis |
	8-12	3			
	15-19	3			
	22-26	3			
	29-30	2			
Dec	15-20	3	**Revision**	Solving Sample Qs in G form	Submitting & viewing response sheet
	6-11	3			
	13-18	3			

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TERM II					
Jan 22	1 0-14	3	**Database concepts and the Structured Query Language**	Introduction to database concepts and its need, Database Management System	- Making table with relevant fields and records.
	17-21	3		Relational data model: concept of attribute, domain, tuple, relation, candidate key, primary key, alternate key, foreign key, SQL: DDL, Data Query Language and DML,	- Writing definition in fair copy. - Uploading all the given assignment in g classroom.
	24-28	3		Introduction to MySQL: Creating a database, using database, showing tables using MySQL,	- Writing queries based on table.
Feb 22	1-4	2	**SQL**	Data Types : char, varchar, int, float, date, DDL, DQL commands	- Solving text book Qs - MCQs
	7-11	3	**Introduction to the Emerging Trends**	Artificial Intelligence, Machine Learning, Natural Language Processing, Immersive experience (AR, VR), Robotics	- Writing and learning all important terms
	14-18	3		Big data and its characteristics, Internet of Things (IoT), Sensors, Smart cities, Cloud Computing and Cloud Services (SaaS, IaaS, PaaS);	-Exploring other web sites as per given topics and discussion in virtual meet
	21-25	3		Grid Computing, Block chain technology.	
Mar 22	1-5	3	**Record File**	- 20 queries from given table	- Writing queries from suggested l practical list
	7-11	3	**Revision**	Revising the chapter by taking self-assessment in G form	- Following NCERT solution
	14-19		**Annual Exam**	Conduction of exam & declaration of result	
	21-26				
	28-31				

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