



**GRIFFINS INTERNATIONAL SCHOOL**  
**SYLLABUS BREAK-UP**  
**COMPUTER SCIENCE (083)**  
**CLASS-XI (2020-2021)**

TERM-I		TERM - II	
Month	Unit Name / Chapter name	Month	Unit Name / Chapter name
JULY (fourth week)	UNIT-1- Computer Systems and Organisation : Basic computer organization	NOVEMBER	UNIT -2 - Computational Thinking and Programming : Lists, Strings
AUGUST	UNIT-1 Computer Systems and Organisation : Types of software, Concept of Compiler and Interpreter, Operating System (OS).	DECEMBER	UNIT -2 - Computational Thinking and Programming - 1 : Tuples, Dictionary, Introduction to Python modules
September	UNIT 1-Computer Systems and Organisation: Encoding Schemes, Boolean logic, Number System UNIT 2: Computational Thinking and Programming - 1 : Introduction to Problem solving, Familiarization with the basics of Python programming: a simple “hello world”, Memory Units program, the process of writing a program (Interactive & Script mode). running it and print statements; simple data-types: integer, float and string.		
PERIODIC TEST - I		PERIODIC TEST - II	
OCTOBER	UNIT 2 : Features of Python, Python Character Set, Token & Identifiers, Keywords, Literals, Delimiters, Operators, Comments, Notation, data types, Conditional statements.	JANUARY	UNIT 4 : Society, Law and Ethics :Cyber safety, Appropriate usage of social networks, Safely accessing web sites, Safely communicating data, Intellectual property rights, plagiarism, digital rights management, and licensing (Creative Commons, GPL and Apache), open source, open data, privacy.
NOVEMBER	HALFYEARLY (IN FIRST WEEK )	FEB(1ST WEEK)	UNIT 4 : Society, Law and Ethics : Privacy laws, fraud; cyber-crime- phishing, illegal downloads, child pornography, scams; cyber forensics, IT Act, 2000. Technology and society
		FEB(2ND AND THIRDWEEK)	REVISION FOR SESSION END EXAM
HALF YEAR EXAMINATION		SESSION ENDING EXAMINATION	