

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

open source, open data, privacy.     UNIT 4 : Society, Law and Ethics : Privacy laws, fraud; cyber-crime- phishing, illega downloads, child pornography, scams; cyber forensics, IT Act, 2000. Technology and society		CLASS-XI (20		
WORTH     Unit Name / Chapter hame     Month     name       JULY (fourth week)     UNIT-1 Computer Systems and Organisation : JULY (fourth week)     NOVEMBER     UNIT-1 Computer Systems and Organisation : Types of software, Concept of Complete and Interpreter, Operating System (OS).     UNIT 1- Computer Systems and Organisation : Types of software, Concept of Complete and Interpreter, Operating System (OS).     UNIT 1- Computer Systems and Organisation : Types of software, Concept of Complete and Interpreter, Operating System (OS).     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 operamming a simple release of Python program ming a simple data-types: Integer, float and string.     DECEMBER     UNIT 4 : Society, Law and Ethics : Cyber safety, Appropriate usage of social networks, Safety accessing web sites, Safety communicating data, Intellectual property rights management, and Licensing (Creative Communicating data, privacy.     UNIT 4 : Society, Law and Ethics : Privacy laws, fraudi- cyber - rime, pathaling little inget social property rights management, and Licensing (Creative Communicating data, privacy.       NOVEMBER     HALPYEARLY (IN FIRST WEEK )     FEB(IST WEEK)     UNIT 4 : Society, Law and Ethics : Privacy laws, fraudi- cyber - rime, philting, Illeges management, and Licensing (Creative Communicating data,		TERM-I	TERM -	· II
JULY (fourth week)     computer organization     NOVEMBER     Thinking and Programming : Lists, Strings       AUGUST     UNT-1 Computer Systems and Organisation : Types of software, Concept of Compiler and Interpreter, Operating System (OS).     UNT-2 - Computational Thinking and Programming - 1 : Introduction to Python modules     UNT-2 - Computational Thinking and Programming - 1 : Introduction to Python modules       September     UNT - Computer Systems and Organisation: Encoding Schemes, Boolean logic, Number System (Interactive & Script mode). running it and print statements; simple data-types: integer, float and string.     DECEMBER     UNT 4 : Society, Law and Ethics : Cyber safety. Appropriate usage of social networks, Safety accessing web sites, Safety communicating data, Intelectual property rights, gene data, integer, conditional statements.       OCTOBER     HALFYEARLY (IN FIRST WEEK )     FEB(IST WEEK)     UNT 4 : Society, Law and Ethics : Cyber safety. Appropriate usage of social networks, Safety accessing web sites, Safely communicating data, intellectual property rights, management, and literasing (Creative Commons, GPL and Apache), open source, open data, privacy.       NOVEMBER     HALFYEARLY (IN FIRST WEEK )     FEB(IST WEEK)     REVISION FOR SESSION END EXAM	Month	Unit Name / Chapter name	Month	-
AUGUST   Types of software, Concept of Compiler and Interpreter, Operating System (OS).   Thinking and Programming - 1 : Tupdes, Dictionary, Introduction to Python modules     VINT 1- Computer Systems and Organisation: Encoding Schemes, Boolean logic, Number System UNIT 2: Computational Thinking and Programming - 1 : Introduction to Python programming - interduction to Python programming - integer, float and string.   DECEMBER   Thinking and Programming - modules     September   PERIODIC TEST - 1   PERIODIC TEST - 1I     VINT 2: Features of Python, Python Character Set, Literals, Delimiters, Operators, Comments, Notation, data types, Conditional statements.   PERIODIC TEST - 1I     OCTOBER   UNIT 2: Features of Python, Python Character Set, Literals, Delimiters, Operators, Comments, Notation, data types, Conditional statements.   JANUARY     OCTOBER   HALFYEARLY (IN FIRST WEEK )   FEB(IST WEEK)     NOVEMBER   HALFYEARLY (IN FIRST WEEK )   FEB(IST WEEK)     REVISION FOR SESSION END EXAM   REVISION FOR SESSION END EXAM	JULY (fourth week)		NOVEMBER	Thinking and Programming :
WII 1-Computer Systems and Organisation: Encoding Schemes, Boolcan logic, Number System UNIT 2: Computational Thinking and Programming - 1: Introduction to Problem solving, Familiarization with the basics of Python programming a simple "relea 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. DECEMBER INIT 4: Society, Law and Ethics: Cyber safety, Appropriate usage of social networks, Safety accessing web sites, Safety communication, data types, Conditional statements.   OCTOBER UNIT 4: Society, Law and Ethics: Cyber safety, Notation, data types, Conditional statements.   OCTOBER JANUARY   NOVEMBER HALFYEARLY (IN FIRST WEEK )   NOVEMBER HALFYEARLY (IN FIRST WEEK )	AUGUST	Types of software, Concept of Compiler and Interpreter, Operating System (OS).		Thinking and Programming - 1 : Tuples, Dictionary,
UNIT 2 : Features of Python, Python Character Set, Token & Identifiers, Keywords, Literals, Delimiters, Operators, Comments, Notation, data types, Conditional statements.   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(IST WEEK)   UNIT 4 : Society, Law and Ethics : Privacy laws, fraud; cyber-crime-phishing, illega downloads, child pormography, scams; cyber forensics, IT Act, 2000. Technology and society     NOVEMBER   HALFYEARLY (IN FIRST WEEK )   FEB(IST WEEK)   REVISION FOR SESSION_END EXAM	September	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:	DECEMBER	-
Token & Identifiers, Keywords, Literals, Delimiters, Operators, Comments, Notation, data types, Conditional statements.   UNIT 4 : Society, Law and Ethics : Cyber safety, Appropriate usage of social networks, Safely accessing web sites, Safely accessing communicating data, Intellectual property rights, plagiarism, digital rights management, and liccensing (Creative Commons, GPL and Apache), open source, open data, privacy.     NOVEMBER   HALFYEARLY (IN FIRST WEEK )   FEB(IST WEEK)   UNIT 4 : Society, Law and Ethics : Privacy laws, fraudi- cyber-crime- phishing, illega downloads, child pornography, scams; cyber forensics, IT Act, 2000. Technology and society     NOVEMBER   HALFYEARLY (IN FIRST WEEK )   FEB(IST WEEK)   REVISION FOR SESSION_END EXAM	PERIODIC TEST - I		PERIODIC TEST - II	
NOVEMBER HALFYEARLY (IN FIRST WEEK ) HALFYEARLY (IN FIRST WEEK ) FEB(IST WEEK) FEB(IST WEEK)	OCTOBER	Token & Identifiers, Keywords, Literals, Delimiters, Operators, Comments,	JANUARY	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,
FEB(2ND AND THIRDWEEK)	NOVEMBER	HALFYEARLY (IN FIRST WEEK )	FEB(IST WEEK)	Ethics : Privacy laws, fraud; cyber-crime- phishing, illegal downloads, child pornography, scams; cyber forensics, IT Act, 2000.
HALF YEAR EXAMINATION SESSION ENDING EXAMINATION			FEB(2ND AND THIRDWEEK)	
		HALF YEAR EXAMINATION	SESSION ENDING EX	KAMINATION