



ST. LAWRENCE HIGH SCHOOL

27, BALLYGUNGE CIRCULAR ROAD, KOLKATA-700019



TERM: I

TEACHER'S NAME: PRITHWISH DE

Syllabus planning for the academic year 2021 - 22

Subject: COMPUTER SCIENCE

CLASS: 11 SECTION: A1, A2, D

No. of working days: 53

MONTH	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
JUNE (1st TERM BEGINS – 14th JUNE)	<ul style="list-style-type: none"> Evolution of Computers & Computer Organization Data Representation 	Abacus, Napier's Bones, Pascalines, The Babbage Machine Block Diagram, I/O Device, Memory Analogue, Digital computers, mini, micro, super Computers Number Systems	Relevant Questions from Evolution of Computers, Classification of Computers, Software and Languages Numerical from Data Representation	Question Pattern would be discussed in class. Selective Questions from Evolution of Computers, Classification of Computers, Software and Languages Numerical from Data Representation
JULY	<ul style="list-style-type: none"> Data Representation (Cont....) Boolean Algebra Software & Languages 	Number Systems, Conversions Gates, Logics, Proofs High, Low, Assembly Languages SSI, MSI, LSI, VLSI etc. – Circuit Integration Concepts	Questions from Software and Languages, Circuit Integration, Numerical	Questions from Software and Languages, Circuit Integration, Numerical, Practical on Windows OS
AUGUST	<ul style="list-style-type: none"> Data Representation (Cont....) Boolean Algebra (Cont....) Software & Languages(Cont....) Programming in C 	Arithmetic, Negative Number Representation, Binary Coding Scheme, Bitmap Representation of Images De Morgan's Theorem & Application, Simplifications, Universal Gates Booting, DOS, Windows Algorithm & Flowchart, Introduction, Variables, Basic Programs	Problems on Computers in Modern Society, Software and Languages, Programming in C	Discussion on making of Lab Copy. Problems on Computers in Modern Society, Software and Languages, Programming in C in practical classes

Teachers are requested to prepare a LESSON PLAN for each Topic to be taught. The Lesson plans are to be submitted along with the monthly planner.

Signature of Teacher: *Prithwish De*
15/3/21

Submitted on: 15/03/2021

Academic Co-ordinator: *Jayashree Sheye* 15/3/21

PRINCIPAL

VICE PRINCIPAL

Amol
15/3/2021



ST. LAWRENCE HIGH SCHOOL

27, BALLYGUNGE CIRCULAR ROAD, KOLKATA-700019



TERM: II

TEACHER'S NAME: PRITHWISH DE

Syllabus planning for the academic year 2021 - 22

Subject: COMPUTER SCIENCE

CLASS: 11

SECTION: A1, A2, D

No. of working days: 55

MONTH	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
SEPTEMBER (1st TERM ENDS 15th September)	<ul style="list-style-type: none"> Boolean Algebra (Cont... & Revision) Programming in C(Cont... & Revision) 	Basic Gates using Universal gates, Translators, OS Types Basic Loops	Selective Questions from Parts of a Computer System, Software & Languages. Programs On C <ul style="list-style-type: none"> NOTE: 1st Term online exam begins-- September 16th (Subject to change) Syllabus: Topics Covered till 15th September 	Selective Problems on Boolean algebra, Conversion, simplification, Practical C programming
OCTOBER (2nd TERM BEGINS – 1st OCTOBER)	<ul style="list-style-type: none"> Boolean Algebra(Cont...) Programming in C(Cont...) 	Combinational Circuits, Nested Loops	Selective questions on Combinational Circuits & C Programming	Discussion on making of Lab Copy. Question Pattern would be discussed in Class. Selective problems on Circuit design,
NOVEMBER	<ul style="list-style-type: none"> Programming in C (Cont...) 	Conditions, Switch Control Structures,	Problems in C programming	Lab copy Reviewing Question solving on C, DOS in practical Classes
DECEMBER	<ul style="list-style-type: none"> Programming in C (Cont...) 	Functions, Array, Structure,	Questions from Functions, Arrays	Selective Questions from array, pointer and string

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Signature of Teacher: Prithwish De
15/3/21

Submitted on: 15/03/2021

Academic Co-ordinator: Jayashree Sharma 15/3/21

PRINCIPAL

VICE PRINCIPAL

Zunab
15/3/2021



ST. LAWRENCE HIGH SCHOOL

27, BALLYGUNGE CIRCULAR ROAD, KOLKATA-700019



TERM: II

Syllabus planning for the academic year 2021 - 22

Subject: **COMPUTER SCIENCE**

TEACHER'S NAME: PRITHWISH DE

CLASS: 11

SECTION: A1, A2, D

No. of working days: 28

MONTH	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
JANUARY	<ul style="list-style-type: none">Programming in C(Cont.)	Pointers and Strings	Solving Test Paper	Solving Test Paper 18th January – Last Day of Lab Copy Submission
COMPLETION OF CLASS 11 COMS SYLLABUS				
FEBRUARY (2nd TERM ENDS – 14th FEBRUARY)	Revision	Revision	<p style="text-align: center;">Revision</p> <ul style="list-style-type: none">NOTE: 2nd Term Online Exam begins– February 17th (Subject to change)Syllabus: All Topics	Revision

Teachers are requested to prepare a LESSON PLAN for each Topic to be taught. The Lesson plans are to be submitted along with the monthly planner.

Signature of Teacher: *Prithwish De*
15/3/21

Submitted on: 15/03/2021

Academic Co-ordinator: *Jayashree Shetty* 15/3/21

PRINCIPAL

VICE PRINCIPAL

Prithwish De
15/3/2021