



FOR GOD AND COUNTRY

ST. LAWRENCE HIGH SCHOOL

27, BALLYGUNGE CIRCULAR ROAD, KOLKATA-700019



TERM: I

TEACHER'S NAME: PRITHWISH DE

Syllabus planning for the academic year 2020 - 21

Subject: COMPUTER SCIENCE

CLASS: 11

SECTION: A1, A2, D

No. of working days: 3

No. of periods available: 2

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
JANUARY					
FEBRUARY					
MARCH					
APRIL	2	Ch. 1 – Evolution of Computers Ch. 3 – Classification of Computer	Abacus, Napier's Bones, Pascalines, The Babbage Machine Analogue, Digital computers, mini,micro, super Computers	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

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*

Submitted on: *27/1/2020*

Academic Co-ordinator:

J. Shekha
28/1/2020

PRINCIPAL

VICE PRINCIPAL

[Signature]
28/2/2020



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TERM: I

TEACHER'S NAME: PRITHWISH DE

Syllabus planning for the academic year 2020 - 21

Subject: COMPUTER SCIENCE

CLASS: 11 SECTION: A1, A2, D

No. of working days: 70

No. of periods available: 58

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
MAY	12	Ch. 7 – Data Representation Ch. 9 – Boolean Algebra Ch. 10 – Software & Languages Ch. 2 – Concept of Circuit Integration Ch. 11 – Programming in C	Number Systems, Conversions Gates, Logics, Proofs High, Low, Assembly Languages SSI, MSI, LSI, VLSI etc. Algorithm & Flowchart	Questions from Software and Languages, Circuit Integration, Numerical	Questions from Software and Languages, Circuit Integration, Numerical
JUNE	14	Ch. 4 – Computers in Modern Society Ch. 7 – Data Representation (Cont...) Ch. 9 – Boolean Algebra (Cont...) Ch. 10 – Software and Languages (Cont...) Ch. 11 – Programming in C (Cont...)	Applications of Computer, CT Arithmetic, Negative Number Representation De Morgan's Theorem & Application, Simplifications, Universal Gates software types Introduction, Variables, Basic Programs	Problems on Computers in Modern Society, Software and Languages, Programming in C	Discussion on making of Lab Copy and Project File. Problems on Computers in Modern Society, Software and Languages, Programming in C in practical classes
JULY	24	Ch. 6 – Parts of a Computer System Ch. 9 – Boolean Algebra (Contd. & Revision) Ch. 10 – Software & Languages (Cont...) Ch. 11 – Programming in C (Cont. & Revision)	Block Diagram, I/O Device, Memory Basic Gates using Universal gates Translators, OS Types Basic Loops	Selective Questions from Parts of a Computer System, Software & Languages. Programs On C	Discussion on making of Lab Copy and Project File. Selective Problems on Boolean algebra, Conversion, simplification, Practical C programming
AUGUST	8	Ch. 5 – Data Information & Data Processing Ch. 8 – Bitmap Representation of Images Ch. 9 – Boolean Algebra (Cont...) Ch. 10 – Software & Languages (Cont...)	Data, Information Resolution, bitmap Two-level, combinational circuit Bootting, DOS, Windows, UNIX	Questions from Data Information & Data Processing, Bitmap Representation of Images, Software & Languages. NOTE: 1st Term – AUGUST 3rd Syllabus: Matter Covered till JULY	Discussion on making of Lab Copy and Project File. Project and Lab copy Reviewing and submission. Question Pattern would be discussed in Class. Selective problems on Circuit design,

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Signature of Teacher: Prithwish De

Submitted on: 27/11/2020

Academic Co-ordinator:

J. Sheya 28/11/2020

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28/12/2020



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TERM: II

TEACHER'S NAME: PRITHWISH DE

Syllabus planning for the academic year 2020 - 21

Subject: COMPUTER SCIENCE

CLASS: 11

SECTION: A1, A2, D

No. of working days: 76

No. of periods available: 68

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
SEPTEMBER	24	Ch. 11 – Programming in C (Cont...) Ch. 12 - Practical	Loops, Conditions, Switch Control Structures, Functions, Array	Problems in C programming, windows, DOS	Project and Lab copy Reviewing and submission. Question solving on C, DOS in practical Classes
OCTOBER	14	Ch. 11 – Programming in C (Cont...) Ch. 12 - Practical	Structure, Pointers and Strings	Questions from Structure, pointer and string	Selective Questions from array, pointer and string 8 th October – Last Day of Project Submission
NOVEMBER	20	Ch. 11 – Programming in C(Cont.) Ch. 12 - Practical	Programming in C, Solving Test Papers	Solving Test Paper	Solving Test Paper
COMPLETION OF COMS SYLLABUS FOR CLASS 11					
DECEMBER	10	Revision	Revision	Revision	Revision

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Signature of Teacher: *Prithwish De*
Submitted on: *27/11/2020*

Academic Co-ordinator: *J. Shekha 28/11/2020*

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SECTION: A1, A2, D

No. of working days: 4

No. of periods available: 4

MONTH	NO. OF PERIODS	LESSONS	TOPICS COVERED	HOMEWORK	CLASS WORK
JANUARY	4	REVISION	REVISION <u>(PRE - ANNUAL EXAM BEGINS)</u>	REVISION	REVISION

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Signature of Teacher: *Prithwish De*
Submitted on: *27/1/2020*

Academic Co-ordinator: *J. Shetty*
28/1/2020

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J. Shetty
28/2/2020