



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Syllabus Planner for the year 2019

TERM: FIRST TERM

TEACHER'S NAME: SOUMAK CHATTERJEE

No. of working days: 21

No. of periods available: 2 (Estimated)

Subject: COMPUTER SCIENCE

CLASS: 11

SECTION: A1, A2, D

| 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 Ch. 7–Data Representation Ch. 10 – Software & Languages | Abacus, Napier's Bones, Pascalines, The Babbage Machine Analogue, Digital computers, mini,micro, super Computers Various binary coding schemes Software, Programming languages | 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 Numericals 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.

Submitted Date: 28.01.2019

Signature of Teacher: Soumak Chatterjee

Academic Co-ordinator:
Sumanita Banerjee
28/1/19
VICE PRINCIPAL

PRINCIPAL.



ST. LAWRENCE HIGH SCHOOL

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Syllabus Planner for the year 2019

TERM: FIRST TERM, PRE-ANNUAL & ANNUAL

TEACHER'S NAME: SOUMAK CHATTERJEE

No. of working days: 70

No. of periods available: 55

Subject: COMPUTER SCIENCE

CLASS: 11

SECTION: A1, A2, D

| MONTH | NO. OF PERIODS | LESSONS | TOPICS COVERED | HOMEWORK | CLASS WORK |
|--------|----------------|--|---|--|--|
| MAY | 7 | Ch. 7 –Data Representation(Cont..) Ch. 9 – Boolean Algebra Ch. 10 – Software & Languages(Cont..) 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, Numericals | Questions from Software and Languages, Circuit Integration, Numericals |
| JUNE | 15 | 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,ICT 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 | 21 | 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 NOTE: 1 st Term –29 TH JULY to 9 th AUGUST | Discussion on making of Lab Copy and Project File. Selective Problems on Boolean algebra, Conversion, simplification, Practical C programming |
| AUGUST | 12 | Ch. 5 – Data Information & Data Processing Ch. 8 – Bitmap Representation of Images Ch. 9 – Boolean Algebra(Cont...) Ch. 10 – Software & Languages(Cont...) Ch. 11 – Programming in C(Cont....) | Data, Information Resolution, bitmap Two-level, combinational circuit Bootting, DOS, Windows, UNIX Loops, Conditions, Switch | Questions from Data Information & Data Processing, Bitmap Representation of Images, Software & Languages. | Discussion on making of Lab Copy and Project File. Project and Lab copy Reviewing and submission. Question Pattern would be discussed in Class. |

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.

Submitted Date: 28.01.2019

Signature of Teacher:

Soumak Chatterjee

Academic Co-ordinator:

Anushta Banerjee
28/1/19
for by
VICE PRINCIPAL

PRINCIPAL.



FOR GOD AND COUNTRY

ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Syllabus Planner for the year 2019

TERM: PRE ANNUAL & ANNUAL

TEACHER'S NAME: SOUMAK CHATTERJEE

No. of working days:- 73

No. of periods available: 60

Subject: COMPUTER SCIENCE

CLASS: 11

SECTION: A1, A2, D

| MONTH | NO. OF PERIODS | LESSONS | TOPICS COVERED | HOMEWORK | CLASS WORK |
|-----------|----------------|---|--|--|--|
| SEPTEMBER | 17 | Ch. 11 – Programming in C(Cont...) Ch. 12 - Practicals | Control Structures, Functions | Problems in C programming, windows, DOS | Project and Lab copy Reviewing and submission. Question solving on C, DOS in practical Classes |
| OCTOBER | 13 | Ch. 11 – Programming in C(Cont...) Ch. 12 - Practicals | Array, Structure, Pointers and Strings | Questions from Array, pointer and string | Selective Questions from array, pointer and string 4 th November – Last Day of LAB COPY Submission |
| NOVEMBER | 18 | Ch. 11 – Programming in C(Cont...) Ch. 12 - Practicals | Programming in C, Solving Test Papers | Solving Test Paper | Solving Test Paper |
| DECEMBER | 12 | Revision of Number system and Boolean algebra | Numerical problems | Discussion of MCQ & SAQ from the test papers | Practice of MCQ & SAQ from the test papers |

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Submitted Date: 28.01.2019

Signature of Teacher: Soumak Chatterjee

Academic Co-ordinator: *Soumitra Behera*
28/1/19

PRINCIPAL

[Signature]
VICE PRINCIPAL



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Syllabus Planner for the year 2019

TERM: PRE ANNUAL & ANNUAL

TEACHER'S NAME: SOUMAK CHATTERJEE

No. of working days:- 23

No. of periods available: 18

Subject: COMPUTER SCIENCE

CLASS: 11

SECTION: A1, A2, D

| MONTH | NO. OF PERIODS | LESSONS | TOPICS COVERED | HOMEWORK | CLASS WORK |
|---------|----------------|-----------------------------|--|--|--|
| JANUARY | 18 | Revision of Entire syllabus | Different units as per the syllabus of H.S Council | Discussion of MCQ & SAQ from the test papers | Practice of MCQ & SAQ from the test papers |

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Submitted Date: 28.01.2019

Signature of Teacher: *Soumak Chatterjee*

Academic Co-ordinator:

PRINCIPAL.

[Signature]
VICE PRINCIPAL