



BLOOM PUBLIC SCHOOL

Vasant Kunj, New Delhi

Syllabus: 2018-19

Subject: Computer Science (083)

Class: XII

| MONTH | CHAPTER/UNIT |
|----------------------|---|
| March | UNIT 1: OBJECT ORIENTED PROGRAMMING IN C++ <ul style="list-style-type: none"> Chapter 1 – C++ Revision Tour Chapter 2 – Object Oriented Programming Chapter 3 – Function Overloading Chapter 4 – Classes & Objects |
| April | <ul style="list-style-type: none"> Chapter 4 – Classes & Objects (<i>contd.</i>) Chapter 5 – Constructors & Destructors Chapter 6 – Inheritance |
| May | <ul style="list-style-type: none"> Chapter 6 – Inheritance (<i>contd.</i>) Chapter 7 – Data File Handling |
| June | <i>Summer break</i> |
| July | <ul style="list-style-type: none"> Chapter 8 – Pointers UNIT 2: DATA STRUCTURES <ul style="list-style-type: none"> Chapter 9 – Arrays <i>Periodic Test - I</i> |
| August | <ul style="list-style-type: none"> Chapter 10 – Linked List, Stacks & Queues |
| September | UNIT 3: DATABASE MANAGEMENT SYSTEM AND SQL <ul style="list-style-type: none"> Chapter 11 – Database Concepts Chapter 12 - Structured Query Language & SQL Commands <i>Periodic Test - II</i> |
| October | <ul style="list-style-type: none"> Chapter 12 - Structured Query Language & SQL Commands(<i>contd.</i>) UNIT 4: BOOLEAN ALGEBRA |
| November | UNIT 5: NETWORKING AND OPEN SOURCE SOFTWARE <i>Periodic Test - III</i> |
| December/ January | <i>Pre-Board Exams</i> |
| February | Board Practical/Remedial classes |
| March | CBSE BOARD EXAMS |

ASSESSMENT SYLLABUS

| S.No. | Examination | Month | Syllabus |
|-------|-----------------------|----------------------|-------------------|
| 1 | Periodic Test - I | July | Chapters 1 to 7 |
| 2 | Periodic Test - II | September | Chapters 8 to 10 |
| 3 | Periodic Test - III | November | Chapters 11 to 14 |
| 4 | Pre-Board Examination | December/ January | Complete Syllabus |

UNIT/CHAPTER-WISE SYLLABUS

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| UNIT 1 OBJECT-ORIENTED PROGRAMMING IN C++ | Chapter 1 – C++ Revision Tour Chapter 2 – Object Oriented Programming Chapter 3 – Function Overloading Chapter 4 – Classes & Objects Chapter 5 – Constructors & Destructors Chapter 6 – Inheritance Chapter 7 – Data File Handling |
| UNIT 2 DATA STRUCTURES | Chapter 8 – Pointers Chapter 9 – Arrays Chapter 10 – Linked List, Stacks & Queues |
| UNIT 3 DATABASE MANAGEMENT SYSTEM AND SQL | Chapter 11 – Database Concepts Chapter 12 - Structured Query Language & SQL Commands |
| UNIT 4 BOOLEAN ALGEBRA | Chapter 13 – Boolean Algebra |
| UNIT 5 NETWORKING AND OPEN SOURCE SOFTWARE | Chapter 14 – Communication and Network Concepts |