

Dawood Public School
Syllabus for Mid-Year Exam 2017-18
Computer
Class VIII

[Ch-1] More on Number System

- Multiplication and division of binary numbers
- Binary addition and subtraction
- Conversions from Decimal to:
 - Binary
 - Octal
 - Hexadecimal
- Converting to decimal base from:
 - Binary
 - Octal
 - Hexadecimal
- Hexadecimal to binary and Octal to binary
- Octal to Hexadecimal and vice versa

[CH-3] Working with Spreadsheets

- Formatting and Conditional formatting
- How to apply functions and forming formulae
- Insert the SUM, AVERAGE, IF, POWER, SQRT, and PRODUCT functions
- Insert Line, pie, column charts in spreadsheets

[Ch-7] Data verification and validation

- Compare and contrast between data verification and validation with appropriate examples.
- Identify the attributes of data that contribute to data integrity.
- Describe the double entry methods of data verification.
- Select an appropriate data validation check according to the type of data to be entered.

[Ch-4] Problem Solving:

- Algorithm writing- A step by step approach to problem solving- defining problem input, output, process and solution.
- Problem solving by using: [Algorithm writing and Flowchart]
 - IfThen....Else
 - Do....While
 - Repeat.....Until
 - For....Next