



**J S S MAHAVIDYAPEETHA  
J S S PUBLIC SCHOOL , NOIDA  
HOLIDAY HOME WORK  
CLASS XI ( 2019 – 20)**

**Computer Science**

**1: Revise chapter 1 and 2 and part of chapter 3 which is completed.**

**Q2: Prepare a PPT on any one topic from the following:**

- (i) Advantages of Python
- (ii) Uses of Python in current IT World
- (iii) Types of Variables present in Python.

**Q3: Write following Python programs and prepare a File:**

- (i) WAP that accepts radius of circle and print its area.
- (ii) WAP to find area of triangle.
- (iii) WAP to input a number and print its five multiples.
- (iv) WAP that accepts marks in 10 subjects and outputs average marks.
- (v) WAP that read 2 number and an arithmetic operator and display the results using if and elif.
- (vi) WAP to perform the following task according to user's choics using menu.
  - (a) Area of Circle
  - (b) Area of rectangle
  - (c) Area of Square.
- (vi) WAP to convert temperature Celsius into Fahrenheit.
- (vii) WAP to accept a character form the user and display whether it is vowel or consonant.
- (viii) WAP to read details like name, class, age of student and then print the details firstly in same line and then in separate line.

## **BIOLOGY**

1. Make 3 Herbarium sheets with different plant specimens.
2. Prepare a power point presentation about any of the emerging therapeutic techniques.

## **Chemistry**

1. Write all the formulas of unit 1 and 2 on a A4 sheet.

Make a project report from the topic given in the lab manual.

Learn and revise Unit 1 and 2.

Write following practicals in the practical notebook from lab manual.

1. Calculation of PH of strong acid and base vs weak acid and base.
2. To prepare m50 100 ml oxalic acid solution.

## **Economics**

In the last section of Sandeep Garg(Revision Section)

Important Question

Question 1 to 18.

Cover all question of chapter 1 and 2.(Micro)

Introduction to Statistics

1. Define statistics as singular and plural noun.

Define} Descriptive Statistics

Inferential Statistics

2. Define statistics and discuss their nature and scope .

3. Explain the different definition of Economics given by .

i..Adam Smith

ii. Alfred Morshell

iii. Lionel Robbins

iv. Paul A. Somuelson.

## **Maths**

- 1. Make one model and one project from any chapter of class XI.**
- 2. Do 15 questions from SETS based on word problems from any reference book.**
- 3. Do 20 questions from 1. Linear Equalities based on graph.**
- 4. Do 15 questions based on Modulus in case of Linear Inequalities from any reference book .**

## **Physics**

Do one project suggested by CBSE based on topics which is given in practical book. Other than this you make any project based on your syllabus.