

MHAC SCHOOL, NAGBANI

Holiday homework Class 11

Accountancy

- 1) Revision of the topics covered in the class
- 2) Solve twenty question on the topics (accounting equation) from the refresher in a separate notebook.
- 3) Collect the following documents and paste them in a scrap book
 - a) voucher/invoice/cash memo
 - b) pay-in-slip
 - c) cheque
 - d) debit note
 - e) credit note
 - f) bank pass book
 - g) financial statements of any company

Business Studies

- 1) Revision of the topics covered in the class
- 2) Prepare project
 - Roll no 1-15, project of the FMCG
 - Roll no 16-30, project on the profile of any MNC
 - Roll no 31-45, project on postal and telecommunication services
 - Roll no 46-60 projects on insurance

Retail Studies

- 1) Revision of the topics covered in the class
- 2) Prepare project on the topic given in the class

Economics

1. Revise whatever has been done till now.
2. Collect data from 10 families regarding their expenditure on food, clothing, fuel, education and health.
3. Collect prices of 10 essential commodities from May 2016 to May 2017.
4. Read the newspaper daily and make a detailed report on the government's policies on price control ,
GST and economic relations with China and Pakistan.

Physics

- Q1. Revise all the content taught in the class
- Q2. Derive equation of motion for uniform acceleration using
 - a) graphical method
 - b) integration method
- Q3. Do at least 10 numerical each (apart from discussed in class) of the following topics
 - a) error
 - b) Dimensional analysis
 - c) Significant figures, rounding off
 - d) Average speed, velocity, distance and displacement
 - e) Displacement time graph and velocity time graph

f) Equation of motion for uniform acceleration.

Chemistry

Make a Separate Notebook

1. Revise the syllabus covered in the class thoroughly.
2. Write importance & scope of chemistry in our life.
3. Discuss black body radiations and photo electric effect.
How these phenomenons explain particle nature of radiations? What is meant by dual nature of electromagnetic radiations? Explain using different phenomenon.
4. How Bohr's model of hydrogen explain its line spectrum.
5. Solve 10 numerical on each topic : (Other than discussed in class)
 - a. Laws of Chemical combinations.
 - b. Mole concept
 - c. Molarity & Strength
 - d. Molality and Mole fraction.
 - e. Stoichiometry of Chemical reactions (5 numerical for Stoichiometry in solution)
 - f. Plank's Quantum Theory.
 - g. Photo electric Effect
 - h. Rydberg's Formula

Biology

1. Answer all the questions at the end of chapters studied (From NCERT Book).
2. Draw & Label all the diagrams of the concerned chapters.
3. Solve all the MCQs of all the studied chapters from your reference book.

Computer Science

Create a file containing the following topics (hand – written file)

Classification of computers

Write names of (min 5)

System Software

Utility Software

Application Software

Open Source Software

Features of object oriented Programming Language.

Maths

Revise the following chapters along with unsolved exercises.

1. Sets
2. Relations
3. Functions
4. In equations
5. Complex numbers

PHE

Draw a labeled diagram of 400 m standard track & field with dimensions.

Compute the BMI from your class with graphical representation of data.

Explain the list of current National Awards. (Dronacharya Award, Rajiv Khel Ratana Award, Arjuna Award)

Pictorial representation of any 5 asans for improving concentration.
Work to be done on your practical files.