

## ASSIGNMENTS

28-05-2020 TO 30-05-2020

### ENGLISH LITERATURE 28-05-2020

Poem : We are the Music Makers

Date : 28 May 2020

Date of Submission : On or before 1<sup>st</sup> June 2020

Read “ We are the Music Makers” by O’Shaughnessy. Refer closely to the explanatory details in the workbook.

Why does O’Shaughnessy describe artists as ‘the movers and shakers’? Do you agree with his view? Why/Why not?.

Give a critical appreciation of O’Shaughnessy’s poem ‘We are the Music Makers’.

### ACCOUNTS 28-05-2020

MANAGEMENT ACCOUNTING- Do question 42,43,45,47,52 and 53 of chapter 3 Cash Flow Statement in Accounts notebook.

### CHEMISTRY 28-05-2020

Aryl Halides, Chloroform, Iodoform and Freons

1. Explain the following reactions:

i) Sandmeyer’s reaction

ii) Gattermann’s reaction

iii) Fittig reaction

iv) Wurtz-Fitting reaction

v) Reimer-Tiemann’s reaction

vi) Carblyamine reaction

2. Write the reaction of chlorobenzene with chlorine, nitric acid and sulphuric acid.

3. Write nucleophilic substitution reaction for chlorobenzene showing replacement of chlorine with  $-OH$  and  $NH_2$ .

4. How chlorobenzene is reduced to benzene?

5. Write the reaction of chlorobenzene with magnesium and chloral.

6. Write about preparation and properties of chloroform, Iodoform and Freons (as shown in video)

7. Give reason for the following:

- i) Chloroform should be stored in dark coloured bottles.
- ii) Why ethyl alcohol should be added to chloroform bottles?
- iii) Iodoform has antiseptic property.
- iv) Melting point of p-Dichlorobenzene is much higher than those of ortho and meta isomer.
- v) Although chlorine is an electron withdrawing group, yet it is ortho and para directing in electrophilic substitution reaction. Why?
- vi) Why chlorobenzene is less reactive than alkyl halides?

#### **ECONOMICS 29-05-2020**

CLASS XII E

Q.1 What would be the effect equilibrium price when demand and supply increase by the same magnitude?

Q.2 When will a decrease in demand lead to a decrease in equilibrium price, but no change in the quantity supplied?

Q.3 With the help of a diagram show how equilibrium price and quantity are affected when:

(A) Demand is perfectly elastic and supply decreases.

(B) Supply is perfectly elastic and demand increases.

#### **HINDI 29-05-2020**

भक्तिन कहानी के आधार पर निम्नलिखित प्रश्न का उत्तर लिखिए-

प्रश्न-भक्तिन का वास्तविक नाम क्या था?उसका औचित्य उसके जीवन में कब समाप्त हुआ और कैसे?समझाकर लिखिए।

#### **ECONOMICS 29-05-2020**

Q.1 What happens to the equilibrium price of a good when demand for that good increases?

Q.2 What happens to the equilibrium price of a good when supply of that good increases?

Q.3 Show with the help of a diagram, the effect on equilibrium price and quantity when :

(A) There is fall in the price of substitute goods.

(B) There is rise in the prices of Inputs.

### PHYSICS 29-05-2020

#### Class XII A

(1) Prepare notes of the explained topics of chapter 5 .

(2) Go through the conceptual problems of chapter 5.

(3) Do question 29 given on page 237 of chapter 5.

Send your previous work by today.

#### Class XII B

Prepare notes from the marked topics in the book

### COMPUTER SCIENCE 29-05-2020

Q1. A super class Worker has been defined to store the details of worker. Define a subclass Wages to compute the monthly wages for the worker. The details of two classes are given below:

<b>Class name</b>	:	<b>Worker</b>
<b>Data Members</b>	:	
name	:	to store the name of the worker
basic	:	to store basic pay in decimals
<b>Member Functions</b>	:	
Worker(...)	:	parameterized constructor to assign values to data members.
Void display()	:	display the workers details.
<b>Class name</b>	:	<b>Wages</b>
<b>Data Members</b>	:	
hrs	:	stores hours worked
rate	:	stores rate per hour
wage	:	stores the overall wage of the worker
<b>Member Functions</b>	:	
Wages(...)	:	parameterized constructor to assign values to data members of both the classes.
double overtime() rate)	:	calculates and returns overtime amount as (hours * rate)
void display()	:	calculates the wages using the formula

wage=overtime amount + Basic pay  
and display it along with the other details

Using the **concept of Inheritance** specify the class **Worker** and **Wages** giving the details of the constructor and member function .

### **HISTORY 29-05-2020**

1. Who introduced the policies of the Glasnost and Perestroika?

2. What is the full form of CIS?

What is the meaning of Perestroika?

3. What is the meaning of Glasnost?

### **MATHEMATICS 30-05-2020**

Solve five questions of differentiation and five questions of integration which are sent, in your maths notebook.