

ASSIGNMENTS

04-06-2020 TO 06-06-2020

ECONOMICS 04-06-2020

Q.1 Define human wants.

Q. 2 Explain any four features of human wants.

Q.3 Distinguish between primary wants and secondary wants.

Q.4 What is consumption?

Q.5 what are the significance of consumption? Any four

HINDI 04-06-2020

निम्नलिखित विषय पर लगभग 450 शब्दों में हिन्दी में निबंध लिखिए-

भारत की वर्तमान समस्याएँ एवं समाधान

भूमिका-राष्ट्रीय तथा सामाजिक समस्याएँ-जनसंख्या वृद्धि-दहेज प्रथा-भ्रष्टाचार-गरीबी-
बेरोजगारी-अशिक्षा-महामारी-युद्ध एवं आतंकवाद -प्रदूषण

समाधान-शिक्षा-विश्वभर की जानकारी-सामाजिक बुराइयों पर नियंत्रण-उपसंहार।

PHYSICS 04-06-2020

CLASS XI A

(1) Solve numerical problem of chapter 4.

Class- XI B

Do practice of numerical 3,4,6,7 and 9

COMPUTER SCIENCE 04-06-2020

Question1. Design a class Stringfun to perform various operations on strings without using built in functions for finding length of the string.

Some of the members of the class are given below:

Class name : **Stringfun**

Data members/instance variable:

str : to store the string

Member functions/methods :

void input() : to accept the string

void word() : to find and display the number of words, number of vowels and number of uppercase characters in the string.

void frequency() : to display frequency of each character within the string.

Specify the class **Stringfun**, giving the details of the function **void input()**, **void word()** and **void frequency()**. No need to write main() function.

Question2. A class stringop is designed to handle string related operations. Some members of the class is given below:

Class name : **Stringop**

Data members/instance variable:

txt : to store the given string of maximum length 100

Member function/methods:

Stringop() : constructor

void readstring() : to accept the string

char caseconvert(int) : to convert the letter to other case

void circulardecode() : to decode the string by replacing each ..next character in acircular way. Hence "AbZ" will be decoded as "bCa".

Specify the class giving the details of the **constructor ,void readtring(),char caseconvert(int) and void circulardecode()**. No need to write main().

ENGLISH LANGUAGE 06-06-2020

1. ISC 2022 English Language Specimen Paper--Question1. ---Attempt any two essays from Question

CHEMISTRY 06-06-2020

Atomic mass and Molecular mass:

1. The average atomic mass of copper is 63.546 amu. Natural copper consists of two isotopes: ^{63}Cu having mass 62.9298 amu and ^{65}Cu having mass 64.9233 amu. Calculate the percentage of each isotope.

2. The atomic weight of nitrogen is 14.007u. What is the mass of 1 atom of nitrogen in gram?

3. Naturally occurring lead is found to consist of four isotopes. Given

Isotope	Isotopic mass	Abundance
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$^{204}\text{Pb}_{82}$	203.973	1.40%
$^{206}\text{Pb}_{82}$	205.974	24.10%
$^{207}\text{Pb}_{82}$	206.976	22.10%
$^{208}\text{Pb}_{82}$	207.977	52.40%

Calculate the average atomic weight of lead.

- The density of hydrogen is 0.089gL^{-1} at N.T.P. Calculate its gram molecular mass.
- When 3.2g of sulphur is vapourised at 450°C and 723 mm pressure, the vapour occupies a volume of 780 ml. What is molecular formula of sulphur vapour under these conditions?
- In Victor Meyer's determination 0.1019 g of a volatile substance gave 32 ml of vapour collected over water at 27°C and 756 mm pressure. Calculate the molecular weight of the substance. (Aqueous tension at 27°C = 105.1 mm).
- 0.2 g of a volatile substance displaced 30 ml of air at 300K and 760 mm pressure. Calculate the vapour density and molecular weight of the substance.