

CLASS XII

SUMMER HOLIDAY HOMEWORK

ELECTIVE ENGLISH

Read 'A Tiger for Malgudi' by R.K. Narayan.
Complete the questions and answers of the poems taught.

ENGLISH CORE

Flamingo — to read
Deep Water

HINDI (2ND LANGUAGE)

- 1) "bhrashtachar desh ke vikash me badhak hai" ek feature likhiye.
- 2) hum ek hai' ya bhartiyea sanskriti ki vishesta par 300 shabdon me nibandh likhiye
- 3) padhayey gaye path se diye gaye karyon ko apni copy me ki jiye

CLASS XII -A

HISTORY

- 1) How did the concept of 'Jati' evolve ? How was it different from 'Varna'?
- 2) 'Historians find it particularly a difficult task to understand a text as complex as the Mahabharata' – justify this statement.
- 3) Explain the role of village artisans in the 16th and 17th centuries.
- 4) Who were the forest dwellers? Explain how their lives changed in the 16th and 17th centuries.
- 5) Mention any two reasons why travel accounts of foreigners are important for studying medieval times.
- 6) Source Q

'Poor Peasant- - - '

Page 131

Source 11

- i) What were the problems about cultivating the land, according to Bernier?
 - ii) Why did the peasantry abandon the land?
 - iii) Explain the reasons given by Bernier for the exploitation of the peasants.
 - iv) How did his observations influence thinkers in Europe? Explain.
- 7) Discuss the role of the Begums of Bhopal in preserving the stupa at Sanchi.
- 8) Discuss how and why stupas were build.

BENGALI

1 Read 'SRIKANTA' chapter – 1 to 6th.

2. Read prabandho 'BIRAL'

CLASS XII (A-C)

SUMMER HOLIDAY HOMEWORK

LEARNING :

Chapter 1 — Introduction to Macroeconomics

Chapter 2 — Structure of Macroeconomy and Nation income.

Chapter 3 — National Income : Concepts & Measurement.

Q 1) Identify X

- (i) $X = \text{Sum of net values added} + \text{Consumption of fixed Capital}$
- (ii) $X = \text{Domestic factor income} + \text{Consumption of fixed capital}$
- (iii) $X = 6DP_{FC} + \text{Net Indirect Taxes.}$
- (iv) $X = 6DP_{MP} + \text{Net Factor Income from Abroad}$
- (v) $X = 6NP_{MP} - \text{Consumption of fixed capital}$
- (vi) $X = NNP_{MP} - \text{Net Indirect Taxes}$

Q2) Under what conditions the following will be true.

- (i) $NDP = NNP$
- (ii) $GDP = NDP$
- (iii) $\text{Value of Output} = \text{Value Added}$
- (iv) $NNP_{MP} = NNP_{FC}$

CLASS XII –B

SUMMER HOLIDAY HOMEWORK

PHYSICS

- 1) Solve problems on electric field intensity and electric field potential.
- 2) Go through the concept of electric dipole and lines of force.
- 3) Know GAUSSIS Theorem and it's application in detail.
- 4) Problems on capacitor.

Follow “ PRADEEB” for problems

CHEMISTRY

- 1) Study the chapters : -
 - (i) Solution
 - (ii) Electrochemistry
 - (iii) Kinetics.
- 2) Practice problems.
- 3) Solve the CBSE sample paper questions of the above chapters.

COMPUTER SCIENCE

- 1) Define a class employee with the following specifications:

Private members of class Employee

empno integer

ename 20 characters

basic, HRA, DA float

netpay float

Calculate () a function to find basic + HRA + DA with float return type.

public member function of class Employee

havedata() function to accept values for empno, ename, basic, HRA,DA and invoke Calculate() to calculate net pay.

Dispdata() function to display all the data members on the screen.

- 2) Write a class to represent a vector (1-D array). Include member functions :

~~✍~~ For vector Creation.

~~✍~~ For modification of a given element

~~✍~~ For displaying the largest value in the Vector

~~✍~~ For displaying the entire vector

Write a program using this vector

3) Define a class play in C++ with the following specifications

private member of class play

?? playcode integer
?? PlayTitle 25 character
?? Duration float
?? noofscenes integer

public member function of class play

?? A constructor function to initialize duration as 45 and noofscenes as 5
?? Newplay() – function to accept values for play code and play title
?? Moreinfo() function to assign the values of duration and noofscenes with the help of corresponding values used as parameters to this function
?? Shopplay() function to display all the data members on the screen

4) Define a class Outfit in C++ with the following specifications.

Private members :

OCode string
OType string
OSize integer
OFabric string
OPrice float

A function initPrie() which calculates and assigns the value of OPrice as follows

For the value of OFabric “DENIM”

OType	OPrice(Rs)
TROUSER	1500
JACKET	2500

For OFabric other than “DENIM” the above mentioned OPrice gets reduced by 25%.

Public Members:

A constructor to assign initial values of OCode, OType and OFabric with the word “ NOT INITIALIZED” and OSize and OPrice with ‘O’. A function Input() to input the values of data members OCode, OType, OSize and OFabric and invoke the initPrice() function. A function Display() which displays the content of all the data members for an outfit.

5) Imagine a publishing company that markets both books and audio – cassette

versions of its works. Create a class `publication` that stores the title (string) and price(float) of a publication. From this class derive two classes : `book`, which adds a page count(int); and `tape`, which adds a playing time in minutes(float). Each of these three classes should have a `getdata()` function to get its data from the user at the keyboard and a `putdata()` function to display its data.

Write a `main()` program to test the `book` and `tape` classes by creating instances of them, asking the user to fill their data with `getdata()`, and then displaying the data with `putdata()`.

CLASS XII C
SUMMER HOLIDAY HOMEWORK

ACCOUNTANCY

Question number 46 on page 1.99, question number 41 on page 2.83, question number 76 on page 2.91 of Accountancy for class XII Part A by Goel and Goel.
Revise all topics covered so far.

BUSINESS STUDIES

Short answer: -

Question numbers – 1- 6 of Planning. NCERT B.S Part 1 Book.

Revise all topics covered so far.

ENTREPRENEURSHIP

1) Project on :- Conduct Market Survey on a particular product.

2) Calculate B.E.P from the following information :-

Fixed Cost Rs.12 000/-

Sales Rs.40 000/-

Variable Cost Rs. 20 000/-

Also calculate P/V Ratio. What if the

(i) Fixed cost increases by 10%

(ii) Fixed cost decreases by 10%

(iii) Variable cost decreases by 10%

3) Draw and explain the operating cycle. Also explain the concept of B.E.P and draw break even chart.

4) State formulas of the following financial ratios and explain each of them :-

Net profit Ratio

Debt Equity Ratio

Return on Investment

5) Define Margin of safety and state formula for same.

\CLASS XII (A-C)

LEARNING :

Chapter 1 — Introduction to Macroeconomics

Chapter 2 — Structure of Macroeconomy and Nation income.

Chapter 3 — National Income : Concepts & Measurement.

Q 1) Identify X

(vii) $X = \text{Sum of net values added} + \text{Consumption of fixed Capital}$

(viii) $X = \text{Domestic factor income} + \text{Consumption of fixed capital}$

(ix) $X = \text{GDP}_{\text{FC}} + \text{Net Indirect Taxes.}$

(x) $X = \text{GDP}_{\text{MP}} + \text{Net Factor Income from Abroad}$

(xi) $X = \text{GNP}_{\text{MP}} - \text{Consumption of fixed capital}$

(xii) $X = \text{NNP}_{\text{MP}} - \text{Net Indirect Taxes}$

Q2) Under what conditions the following will be true.

(v) $\text{NDP} = \text{NNP}$

(vi) $\text{GDP} = \text{NDP}$

(vii) $\text{Value of Output} = \text{Value Added}$

(viii) $\text{NNP}_{\text{MP}} = \text{NNP}_{\text{FC}}$