

St. Paul's School, Darjeeling

Home Assignments for Corona Virus Shutdown

Class 12

English II

The Tempest Act IV

Short Stories: To Build a Fire

Poetry: The Darkling Thrush

English I

Test Papers 2, 3 and 4 from Total English

Elective English:

To Kill a Mocking Bird Chapters 1-6 (Read)

Death of a Salesman Act I (Read)

A Dolls House Act I (Read)

POLITICAL SCIENCE

Write notes on:

Meaning, features, merits and demerits of Totalitarian State, Authoritarian State, Liberal Democratic State, Unitary State, Federal State, Parliamentary form of government, Presidential form of government.

HISTORY

Write notes on the following topics:

(i) Growth of communalism (Hindu & Muslim) during the 1930's

(ii) Working of provincial autonomy: Congress and other ministries. A critical account of the election of 1937 and working of the Congress ministries.

Sociology

1. Make short notes of the following:

a. What is Kinship?

- b. Types of Kinship. Discuss them.
- c. Degree of Kinship.
- d. Kinship Usages – Types.
- e. Two types of Kinship Terms.
- f. Descent. What is Patrilineal and Matrilineal descent?
- g. Features of Descent.

2. Read the section on Marriage.

Pages: **1.38 – History of Marriage.**

1.39 – Reasons for Marriage.

1.41 – Forms of Marriage – Polygamy, Polyandry and Polygyny.

– **Rules of Marriage – Exogamy, Endogamy, Cross and Parallel Cousin**

Marriage, Levirate, Sororate, Hypergamy and Hypogamy.

GEOGRAPHY

MAKE A DETAIL STUDY OF THE **GEOLOGY AND PHYSICAL DIVISIONS OF INDIA:**

- 1) The Northern Mountains
- 2) The Peninsular Plateau
- 3) The Gangetic Plains
- 4) The Coastal Plains
- 5) The Islands – a comparative study of the islands group in the Arabian Sea and the Bay of Bengal

Economics

DEMAND ANALYSIS AND SUPPLY.

Q-1

- a) Distinguish between inferior goods and giffen goods.
- b) State two assumptions of law of demand.
- c) With the help of diagrams distinguish between contraction of demand and extension of demand.

Q-2

- a) What do you mean by equimarginal utility?
- b) State two determinants of price elasticity of demand.
- c) Explain any four properties of indifference curve.

Q-3

- a) State the value of cross elasticity of demand for substitute goods and unrelated goods.
- b) Distinguish between income effect and substitution effect.
- c) With the help of the indifference curve explain the consumer's equilibrium.

Q-4

- a) How will you find the elasticity at any point on a non-linear demand curve?
 - b) Explain the backward bending labour supply curve.
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LEARN : MONEY AND BANKING

Accounts

Chapter 1: Partnership Accounts Fundamentals

> Preparation of:

- a. Profit and Loss Appropriation Account
- b. Partners Capital Account
- c. Partners Current Account

(From Question No – 35 to 47)

Mathematics

Understanding ISC Mathematics, Arya

Matrices

Ex: 3.3, 3.4, 3.5

Determinants

Ex: 4.2, 4.3, 4.4, 4.5

Physics

1. Gauss's law and its application
2. Capacitors
3. Convert Electricity (Entire Section)

Please follow the ISC 2021 Syllabus)

4. Solve questions from ISC Question papers (2016-2020)

Chemistry

1. Complete ISC past 10 years numerical based on relative lowering of vapour pressure and evaluation of boiling point.
2. Prepare chemistry project for ISC on the topic given below:
 - i. Polymers or

- ii. Biomolecules or
 - iii. Any other topic based on ISC syllabus for class 12 SC (chemistry)
3. Complete following colligative properties from chapter 2- solutions
- i. Depression in freezing point
 - ii. Osmotic pressure.

Biology

Written assignment

1. Complete the textual Q/A from the following chapters:
 - a. Reproduction in organism
 - b. Sexual reproduction in flowering plants
 - c. Human reproduction
2. Complete ISC project on any topic based on the syllabus.

Read and prepare:

Self-explanatory topic to be studied.

- a. Biodiversity and conservation
- b. Environmental issues

Computer Science

1. Convert the following product of sums (POS) form into its corresponding sum of products (SOP) form: $F(x,y,z) = \pi(2,4,6,7)$
2. Convert $A.B+B.C'$ to its canonical SOP form using Boolean algebra.
3. Verify if $X'.Y.Z + X.Y'.Z + X.Y.Z' + X.Y.Z = X.Y + Y.Z + Z.X$
4. Prove that $[(p'+q).(p'+r)]' + (p'+r) = 1$
5. Using truth table prove that $(A+B)' + (A+B')' = A'$
6. Reduce $X'Y'Z' + X'YZ' + XY'Z' + XYZ'$
7. Minimize $AB + A'C' + AB'C(AB+C)$

2nd Languages (Hindi, Bengali and Nepali)

Write five questions and answers from any text that you have studied and solve five comprehensions from your work books