

St. Paul's School, Darjeeling

Home Assignments for Corona Virus Shutdown

Class 10

English II

The Merchant of Venice Act III scenes 2 and 3

Short Story: The Little Match Girl

Poetry: I know why the Caged Bird Sings

English I

Grammar Practice:

Test Papers 2, 3 and 4 from Total English

Project Work

Class 10 (Section A and C)

1. With detailed reference to the 'Merchant of Venice', describe the conflict between Antonio and Shylock.
2. Compare the Life of the 'Caged Bird' with that of the 'Free Bird' and show how the theme of Freedom and Enslavement is brought out in the Poem 'I know Why the Caged Bird Sings' by Maya Angelou.
3. The Children in Victorian England were not only orphaned but also deserted, neglected and abused. Give evidence from the story to prove this statement.

History

1. Explain the causes of the First War of Indian Independence (1857)
2. What were the consequences of the First War of Independence?
3. Explain the various factors that led to the rise of nationalism in India.
4. PREPARE A PROJECT ON ANY ONE OF THESE TOPICS:
(a) THE EXECUTIVE IN INDIA (EITHER THE PRESIDENT OR PRIME MINISTER) or
(b) MAJOR AGENCIES OF THE UNITED NATIONS
SUPPORT YOUR PROJECT WITH SUITABLE PICTURES

GEOGRAPHY PROJECT

TOPIC : **IRRIGATION IN INDIA**

[**MINIMUM – 20 PAGES**]

CHAPTER – WISE BREAK UP

CHAPTER – 1 : **WHAT IS IRRIGATION?**

CHAPTER – 2 : **NEED FOR IRRIGATION IN INDIA**

[The climate of India is characterised by four months of Rainy season and eight long months of dry season.

Therefore, in order to have year round cultivation

irrigation becomes a must in India..... . There are other factors as well (discuss them)

- CHAPTER – 3 : **SOURCES AND METHODS OF IRRIGATION PRACTICED IN INDIA**
- i) Primitive Methods of Irrigation
 - ii) Modern Methods of Irrigation
- CHAPTER – 4 : **ADVAANTAGES AND DISADVAANTAGES OF EACH METHOD OF IRRIGATION**
- CHAPTER – 5 : **CONCLUSION :**
- i) Benefits of Irrigation
 - ii) Problems arising from Faulty Methods of Irrigation (Over Watering)
- BIBLIOGRAPHY : List of the SOURCES from where you have collected the information.

Physics

1. Moment of force, couple, uniform circular motion, centripetal and centrifugal force, principle of moments.
2. Work, power and energy: work-energy theorem, different units of power, different forms of energy, principles of conversation of mechanical energy.
3. Machine: simple machines- related terms and interrelationship between effort, load and efficiency etc.

Chemistry

1. Complete in text questions of chapter 1- (periodic table, periodic properties and variations of properties)
2. Complete the questions of chapter 1 – from chemistry question bank.
3. Read and learn types of chemical bond from chapter 2 (chemical bonding)

Biology

Written assignment

1. All ISCE Q/A based on cell cycle and cell divison (upto Mesosis)
2. In lab copy:
Draw and label the following diagrams:
 - a. To demonstrate the process of diffusion using KMnO_4 in water.
 - b. To demonstrate the process of osmosis using thistle funnel.

Read and prepare:

- a. Chapter 14 Pollution types and sources
- b. Chapter 15 effect of pollution

Mathematics

Text Book: Understanding ICSE Mathematics, Avichal

| | |
|----------------------|----------------|
| GST | Ex: 1 (1 – 12) |
| Banking | Ex: 2 (1 – 11) |
| Shares and Dividends | Ex: 3 (1 – 35) |

Solve questions from past 10 years ICSE questions on the above topics

Physical Education

Class 10

Question A

- i. Chapter (Human Growth and Development)
- ii. Physical Education
- iii. Body Types
- iv. Physical Fitness

Question B: Football

- i. Knowledge of the game
- ii. Rules of the Game
- iii. Fundamental Skills and Technique

Commercial Applications

Chapter 1: Market and Marketing

Questions and Answers – Upto Stages of Marketing.

Computer Applications

(Students are requested to finish this assignment during the break and they have to submit the answer in their own handwriting. No printed materials will be accepted)

1. What is a Procedure Oriented language? Name some procedure oriented language.
2. On what principles does Procedure Oriented language work?
3. What is an Object Oriented language and what are its advantages?
4. List all the four principles of Object Oriented language (OOP).
5. Define *Encapsulation*.
6. What is *Inheritance*?
7. What is *Polymorphism*?

8. What is an object called an instance of a class?
9. Why a class is called a composite data type?
10. Why class is called an object factory?
11. Write a java statement to create an object iphone of class Cellphone.
12. Write the differences between class and an object.
13. What is a variable?
14. What is a Boolean variable?
15. Give some examples of a primitive data type and composite data type.

2nd Languages (Hindi, Bengali Nepali and French)

Write five questions and answers from your text books which you have studied and write three essays and three letters from your work book. Choose your own topics for your essays

Learn opposite words, one-word for a group of words and idioms from the text books

French Students

1. Read from your own texts every day, one chapter each
2. Learn sentence construction and conjugation
3. Practice comprehension passages in classes 8-10
4. Write an essay on 'Mon Pays'