

CARMEL JUNIOR COLLEGE
Home Assignment 16th March – 14th April 2020

Std- X

ENGLISH LANGUAGE

(10)

2 years ICSE Question Papers + Practices from Test Papers

1. Compositions
2. Letter Writing (Formal + Informal)
3. Notice + Email Writing
4. Comprehension
5. Grammar

PROJECT

TOPIC 1: (No. of words 350-400)

'The use of polythene bags should be banned' — Express your views either for or against the statement.

TOPIC 2: (No. of words 350-400)

Narrate about the thrills of a unique experience in your life. You may like to consider the thrill of your first flight or of a trip to another area or of your success. Say why this experience has become memorable in your life.

(INSTRUCTIONS: Both the projects to be written on interleaved sheets and in ONE shoelace file. No acknowledgement or bibliography required)

ENGLISH LITERATURE

(10)

1. Drama: The Merchant of Venice : Act III Scenes 2 & 3

2. *Poetry : Abou Ben Adhem*
Poetry : I know why the Caged
Bird Sings

3. *Prose : My Greatest Olympic*
Prize
The Little Match Girl

PROJECT

TOPIC 1: (No. of words 400)

Discuss Shylock's "Hath not a Jew eyes?" speech in relation to the various attitudes towards race demonstrated till Act III Scene I.

TOPIC 2: (No. of words 400)

With reference to Chief Seattle's Speech compare the religion of the White man with that of the Red man and explain how the natives are more dependent on their ancestors than the white man.

(INSTRUCTIONS : Both the projects to be written on interleaved sheets and in ONE shoelace file. No acknowledgement or bibliography required)

HINDI LANGUAGE

(10)

विषय:-

“मनुष्य वही है जो मनुष्य के लिए मरे”

उक्त कथन की सार्थकता उदाहरण द्वारा स्पष्ट करते हुए अपने विचार प्रस्तुत कीजिये ।

शब्दसंख्या: (400 – 500)

व्याकरण: निम्नलिखित शब्दों को याद करें एवं लिखें:-

पर्यायवाची शब्द :- 80 – 110

विलोम शब्द :- Page 262

मुहावरे:- 81 – 110

वाक्यांश के लिए एक शब्द :- 81 – 110

HINDI LITERATURE

(10)

परियोजना

विषय:-

हिंदी के कथा एवं उपन्यास सम्राट मुंशी प्रेमचंद का जीवन एवं साहित्यिक परिचय देते हुए उनके द्वारा लिखित किसी कहानी का सारांश लिखें तथा कहानी के जिस पात्र ने आपको सर्वाधिक प्रभावित किया हो उसकी चारित्रिक विशेषताओं पर प्रकाश डालें तथा कहानी का संदेश लिखिए।

(नोट:- अपनी पाठ्य पुस्तक में संकलित कहानी से भिन्न कहानी पर ही परियोजना बनानी है।

MATHEMATICS

(10)

1. Ch. 2 Banking
2. Ch. 4 Linear Equations
3. Ch. 5 Quadratic Equations in one Variable
4. Ch. 7 Ratio and Proportion
5. Ch. 8 Matrices
6. Ch. 10 Reflection
7. Ch. 17 Mensuration
8. Ch. 18 Trigonometric Identities
9. Ch. 19 Trigonometrical Tables
10. Ch. 20 Heights and Distance

MATHEMATICS PROJECT

Topic BANKING (App 15 pages)

Acknowledgement

Contents

Introduction: What is Bank?

Functions of Bank

Different types of Bank account

Details of saving bank account

- Opening of saving bank account
- Saving pass book (dummy page)
- Operating a saving bank account
- Deposition slip (any bank)
- Withdrawn slip (any bank)
- Bank cheque photocopy
- Recurring (cumulative) deposit account
- Calculation of interest on recurring deposit to find equivalent principal for one month
- Calculation of maturity amount on recurring deposit. (give 2-3 examples sums)

Conclusion

Bibliography

*To be done in interleaved A4 size sheets in shoe lace file.

PHYSICS

(10)

- Force
- Work, Energy and power

- Machines
- Sound
- Current Electricity

PHYSICS PROJECT

(10)

- Topic----Refraction of Light at Plain Surfaces
- Define Refraction
- Refraction from rarer to denser medium, denser to rarer medium, refraction at normal incidence, refraction through glass slab and prism.
- Laws of refraction
- Define lateral displacement
(To be done in the notebook)

CHEMISTRY

(10)

- Ch. 4. Analytical Chemistry
- Ch. 1. Periodic Table, Periodic Properties and Variations
- Ch. 2. Chemical Bonding
- Ch. 8. Hydrogen chloride
- Ch. 3. Acid, Bases and salts
- Ch. 9. Ammonia
- Ch. 10. Nitric Acid
- Ch. 11. Sulphuric Acid

CHEMISTRY PROJECT

1. Practical chemistry of Std 9
2. Confirmatory test of Hydrogen ,Oxygen, Carbon di oxide, Sulphur di oxide,Hydrogensulphide Water vapour, Nitrogen di oxide, Hydrogen chloride, Chlorine, Ammonia and Sulphite radical (Write in class note copy)
3. Answer the question of the following chapters
Ch. Intext – Pg 5, 6, 10, 11, 14 & 15
Ex. 1 years papers 2009-2019
Ch. 3 Ex. 4 – complete, Ex. 13 – Q4 (a, b & c) Q7, Q11 & Q13
Note: Analytical chemistry (a video will be uploaded later)

BIOLOGY

(10)

1. Cell
2. Cell cycle and Cell division
3. Genetics
4. Absorption by roots
5. Transpiration
6. The Circulatory system
7. Excretory system

Practical :-

1. Transpiration
2. Stages of Mitosis
3. Transport and absorption of water in plants
4. Models of Circulatory and Excretory System

BIOLOGY PROJECT

Topic: 1. Draw diagram of Plant Cell and Animal Cell

2. Pollution-Do short answer questions in note copies.

COMPUTER APPLICATIONS

(10)

Ch1 – Revising Basic Java concept

Ch 2 – Arrays

Ch 8 – String (Only string functions)

COMPUTER PROJECT FOR

In the project sheets (In a transparent file)

1. Five programs of /using If / switch-case
(from 10 years I.C.S.E question paper available in the internet)
2. Five programs of For loops(from 10 years I.C.S.E question paper)

HISTORY / CIVICS

(10)

1. The Union Parliament
2. The Union Executive – President and The Vice President
3. First War of Independence (1857)
4. Factors leading to the growth of nationalism and foundation of INC
5. Objectives and methods of struggle of the early nationalists.
6. Second phase of the national movement: Partition of Bengal and other developments
7. First world war (1914 – 1918)
8. Rise of dictatorship: Fascism in Italy and Nazism in Germany
9. The second world war (1939-1945)

HISTORY AND CIVICS PROJECT

TOPIC :

Highlight the work and role of Mahatma Gandhi in context to the Indian National Movement.

(INSTRUCTIONS: Project to be written on interleaved sheets. Maximum 15 pages. Include acknowledgment, introduction, content and bibliography. Refer to Chapter 7 of the class 10 History book . Add pictures with labels)

GEOGRAPHY

(10)

- Essential of map reading
- Representation of relief
- Ordinance survey of maps Climate
- Map of India
- Soil resources
- Natural vegetation
- Water resources
- Project work

GEOGRAPHY PROJECT

- -Topic- Sources of Energy
- -Acknowledgement ,Content , Introduction to Energy
- -Types of Energy
- -A Conventional sources of energy
- -Advantages and Disadvantages
- -Types of Conventional Energy- Petroleum ,Coal, Natural Gas, Fuel wood , Nuclear Energy and Hydropower

- -Formation /Uses
- - Pictures ,Write-ups ,Flow chart, recent data can be used, Map of India
- B- Non conventional Source of energy
- -Introduction
- -Advantages and Disadvantages
- -Types –Solar energy, Wind , Tidal ,Geothermal ,Biomass, Wave energy
- -Use pictures ,write-ups , flowchart ,Map of India
- -Conclusion
- -Bibliography
- -Project in shoe lace file, covered with brown paper, use blue pen ,interleaved white sheet 15 to 25 pages .
- Submission –On re opening day

ECONOMICS

(10)

1. The Theory of Demand
2. The Theory of Supply
3. The Productive Mechanism
4. Land

ECONOMIC PROJECT

Topic: Functions of a Commercial Bank

Instructions : Project sheets to be used Minimum pages 15. Refer to the chapter 'Money and Banking'
