

Summer Holiday Homework 2018-2019

Class-XI

ENGLISH

English Literature

Q1. Would you call Act 1 sc i of ‘ The Tempest’ a satisfactory introductory scene? Discuss with close reference of the text.

Q2. Convey the anguish of the poet that has been conveyed in the poem ‘ The Gift of India.’

English Language

1. ISC- Eng 1(Complete Course Workbook)- Pg 246- Passage 10
Q a(i), (ii) and b.
2. Grammar Exercises- Paper 4- Pg 296- Q3(a), Paper 5- Pg 307- Q3(a).

MATHEMATICS

Book- Gupta- Bansal

- 1) Page – 3.1140& 3.115 ----- APP’s Sum number--- 1 to 18
- 2) Page 1.63-1.65 ----- sum numbers -- 3, 5, 7 (iii), (iv), (v), 10, 12, 15, 17, 19 to 24

CHEMISTRY

One of the following Project topics has been assigned to each student. The project must have introduction, content, conclusion and bibliography. Total number of pages –minimum 25.

PROJECT TOPICS

- 1.Amino acids: Peptides, structure and classification, proteins structure and their role in the growth of living beings.
2. Nucleic Acid: DNA and RNA – their structure. Unique nature. Importance in evolution and their characteristic features.
3. Carbohydrates and their metabolism, Blood haemoglobin and respiration.
4. Vitamins and hormones
5. Simple idea of chemical evolution. 6. Natural polymers (any five) - structure, characteristics, uses. 7.Synthetic polymers (any five) - method of preparation, structure, characteristics and uses.
- 8.Types of Dyes - methods of preparation, characteristics and uses. 8. Chemicals in medicines: antiseptics, antibiotics, antacids, etc. and their uses. 9. Preparation of soap, nail polish, boot polish, varnish, nail polish remover, shampoo and perfumes.

10. Chemicals and chemical processes in forensic studies.
11. Insecticides, pesticides and chemical fertilisers.
12. Ancient Indian medicines and medicinal plants.
13. Organic Chemistry in Nutrition, Food Science and Biotechnology.
14. Effect of Green House Gases.
15. How Plastics have changed the world, both socially and economically.
16. Explosives.
17. Insecticides, pesticides, chemical fertilizers

First draft of the project to be ***submitted by 30th June*** as per instructions & guidelines given in class.

PHYSICS

Each student has been assigned any one of the following topics. The project must have introduction, content, conclusion and bibliography.

1. Theory based (semiconductor devices, electromagnetism, thermodynamics, gravitation and optical instruments.) .

Total content should be more than 25 pages.

2. Working model based (description and working : within 5 pages), photographs should be clicked while making the model

DATES:

3rd July : first draft

24 th July : final submission

COMPUTER SCIENCE

To create an Application selected from any of the given topics.

1. Encryption and Decryption applying Cipher text or Unicode Exchange system.
2. Movie ticket booking system.
3. Hotel room reservation system.
4. Stock Management of a departmental store
5. Branch locator system of a Bank based on IFSC code or Branch name.

Prototype submission on Edmodo by **22nd June, 2018**

First draft by **6th July, 2018**

Second draft by **20th July, 2018**

Final submission on **27th July, 2018**

BIO AND EVS

| | |
|-----------|---|
| XI (BIO) | Project topic given to each individual student should be submitted draft on 25th June 2018 and Final submission on 2Nd July 2018 . Prepare Excretory System for CCE. The project must have introduction, content, conclusion and bibliography. Total number of pages –minimum 25. Topics are: <ol style="list-style-type: none">1. In vitro fertilization2. Role of earthworms in vermicomposting3. Prions and its disorders (crutzfeldt jacob disease)4. AIDS5. Human genetic disorders6. Dyspepsia & fatty liver syndrome7. Human genome project (hgp)8. Molecular cloning9. Parkinson disease10. Biotechnology and its application11. DNA fingerprinting & its application in the investigation of crime |
| XI (ENVS) | Prepare a Power point presentation on different aspects of Environmental Pollution. Draft should be submitted on 25th June 2018 and Final submission in front of the class on 2Nd July 2018 . Prepare Ecology for CCE. |

ECONOMICS

Answer the following questions:

Types of Economics – No: 3,5-16,18,19, 20

ACCOUNTANCY

Preparation of Journal, Ledger and Trial Balance of a Trading Concern on the basis of a Case Study.

Case study will contain minimum 15 Transactions.

There must be Loan, Drawings, Purchase, sales (in cash and on credit), Destroyed by fire and insurance claim will be there.

Date of submission of project on 21-06-2018

BUSINESS STUDIES

SWOT Analysis of Two Public Sector Enterprises.(Needs, benefits, company profile, literature review, conceptual framework, analysis and recommendations, bibliography)

Date of submission of project on 21-06-2018

COMMERCE

Select a daily use consumer product. Trace its origin from primary industry through secondary and tertiary industries. Draw a flow chart to include all the business activities in its path from producer to consumer. (Needs, benefits, company profile, literature review, conceptual framework, analysis and recommendations, bibliography)

Date of submission : 28.06.2018

PSYCHOLOGY

Project - To study group difference in examination result with the help of Mean and Standard deviation

(Project discussed in class)

Date of Submission : 01.07.2018

GEOGRAPHY PROJECT

Topic: Island Of India

Guidelines:

Page no 1 Topic of the project.

Page no 2 Acknowledgement.

Page no 3 Contents.

Page no 4 and continue till page 10 :Introduction: Definition of island, classification of island with examples. Name of the major islands of India.

Selection of any island of India:

Trace a map of the area and show: physical features.

Write about the origin of the island, (Picture and map in the white page)

Soil type and vegetation, (Picture in the white page)

Human occupation (Pictures of the tribal as well as modern occupation)

Use pictures maps news paper cuttings, statistical representations to support the data given.

Page limit: 15

Approximate time to be taken 10 days (If they work ½ an hour / day)

GUIDELINES FOR MARKING :

| Criteria | Preparation | Procedure | Observation | Inference/results | Presentation |
|----------|---|----------------------------|--|---|--|
| | Complete theoretical information using relevant geographical terms. | Objectives of the project. | Studies text materials and makes a list. | Use of techniques to support the investigation. | Neatly and correctly stated statement. |

Date of submission: 06.07.2018

SOCIOLOGY

Present a biographical sketch and contributions of any one of the following thinkers:

- Auguste Comte
- Karl Marx
- Max Weber
- Herbert Spencer
- Emile Durkheim
- Radha Kamal Mukherjee
- G.S.Ghurye
- N.K.Bose
- M.N.Srinivas

Make a draft of the project and submit by 23rd June 2018.

Topics to be covered:

1. 1st Page: Name of the Child, class, section, name of the school and subject (eg: Sociology ICSE Project 2018-2019).
2. 2nd page: Topic.
3. 3rd Page: Contents.
4. Introduction
5. Biographical history of the thinker
6. Major theoretical contributions of the thinker
7. Take an example to discuss the empirical application of anyone of the theoretical ideas attributed to the thinker
8. Conclusion
9. Bibliography

Word limit-2000-2500

Last date of submission- 2nd July 2018

HISTORY

WORLD HISTORY

Answer the following questions

1. Discuss the workers' movement in Germany from the mid 19th till the outbreak of the First World War
2. Distinguish between suffragists and suffragettes. Which group was more effective?

INDIAN HISTORY

Answer the following questions:

Account for the growth of revolutionary movements in India from 1904 to 1908.

What were the causes of the Indigo Revolt? How did the cultivators fight against the planters' tyranny?

Submission Date: 21st June'18

POLTICAL SCIENCE

Answer the following questions :

1. Give arguments for and against the view that Political Science is a science.
2. Define 'State' and discuss its four essential elements.
3. Discuss the nature of changes in the international system after the collapse of the USSR and the Socialist bloc.