

# HOLIDAY HOMEWORK (2017-18)

## CLASS X

### ENGLISH

#### I Long Reading Text – ‘The Story of My Life’

1. Read the chapters 1 to 14.
2. Choose 10 incidents that you like and rewrite them in your own words.

#### II Make a scrapbook on William Shakespeare’s Julius Ceasar. Include the synopsis and character sketches of any 4 characters (Paste relevant pictures and write famous quotes from the play)

#### III Write an essay on ‘Why I want to visit South Korea’ (Word Limit : 300 – 500 words). It should be typed on A4 sheet.

### SCIENCE

Students can work in pairs **on any** of the following topics for making models/projects/research work. Only biodegradable material will be used.

Topics – Food and Technology, Energy, Communication, Universe, Human Welfare, Teaching Aids, Science & Technology, Robotics, Sustainable Development or any topic of your choice.

### MATHEMATICS

Collect the material and information to prepare a model on **any one** of the following topics.

- |   |                                   |
|---|-----------------------------------|
| 1. Clinometer                               | 2. Mathematics in Medical Science |
| 3. Different types of designs using AP      | 4. Probability                    |
| 5. Statistical analysis of the test results | 6. Efficiency in packing          |
| 7. Theorem on circles                       | 8. Theorem on Similar Triangles   |
| 9. Trigonometry in daily life               | 10. Fibonacci sequence            |
| 11. Golden Ratio                            | 12. Heights and Distances         |
| 13. Geometry in daily life                  | 14. Geometry and architecture     |
| 15. Sextant                                 |                                   |

### SOCIAL SCIENCE

Prepare a project on **any one** topic which should not exceed 15 pages and should include the following heads :

- |                                 |                 |                               |
|---------------------------------|-----------------|-------------------------------|
| 1. Preface                      | 2. Index        | 3. Acknowledgement            |
| 4. Detailed Report of the topic | 5. Bibliography | 6. Teacher’s Evaluation Sheet |

#### (Political Science)

1. Pressure Groups **OR** Interest Groups
  - a) Meaning of Pressure Groups / Interest Groups
  - b) Differentiate between Public Interest Groups and Sectional Interest Groups
  - c) Case Study – **Any one** – a) Bolivia **OR** b) Nepal

#### (Geography)

2. Prepare a Project on **any one** topic
  - a) Tsunami
  - b) Survival Skills
  - c) Alternative Communication systems during disasters
  - d) Safe Construction Practices
  - e) Sharing Responsibilities

The project should include –

- |                                    |                                   |
|------------------------------------|-----------------------------------|
| a) Meaning of disaster             | b) Meaning of disaster management |
| c) Why is it needed ?              | d) Explanation of the topic       |
| e) A case study on the topic, etc. |                                   |

**(Economics)**

3. Prepare a project on the topic – ‘Money and Credit’  
It should include –
- Modern and Traditional form of money
  - Difference between Formal and Informal source of credit
  - Case study of a self help group
  - Role of a bank, etc.

**FOUNDATION OF INFORMATION TECHNOLOGY**

Collect the information on digital attacks in the field of I.T. with the help of search engine.

- |             |                   |                      |             |
|-------------|-------------------|----------------------|-------------|
| 1. Spamming | 2. Computer Virus | 3. Worm              | 4. Malware  |
| 5. Spyware  | 6. Trojan Horse   | 7. Denial of Service | 8. Phishing |

**FRENCH**

- Make a PPT on the important festivals of France studied in the class.  
[Fête de la musique, Tour de France, Festival d’Avignon, Festival de Cannes, Festival international du film à Goa]
- Read the poem “Le Corbeau et le Renard” by Jean de La Fontaine and make a report on the following Topics.
  - About the poet
  - Summary and a short analysis

**HOME SCIENCE**

- Make suitable play material for children between 0 – 3 years (work in a pair)
- Plan a balanced diet for self.
- Prepare a time plan for self for one day.

**हिन्दी:-** भक्ति काल के चार प्रमुख कवियों का जीवन वृत्तका में सचित्र वर्णन करें।