

**CLASS X**  
**ENGLISH HOLIDAY HOMEWORK**  
**(2019-20)**

1. Make individual flowcharts for the last five lessons of the Supplementary Reader ***Footprints Without Feet***. The following are the lessons:
  - The Making of a Scientist
  - The Necklace
  - The Hack Driver
  - Bholi
  - The Book that Saved the Earth

Attempt this in your literature (Fair) notebook and submit the same on the 1<sup>st</sup> July '19.

2. In your Language (fair) notebook attempt the following three Writing Skills:
  - Write a story in about 200 to 250 words with the following line as it's beginning:  
*'The sky was overcast and it was getting darker every passing moment. I left my house quietly and took a left turn from the main gate...'*
  - Write an article on **one** of the following topics:

United we Stand

**OR**

Knowledge is Power

The article should not exceed 175 to 200 words.

- Write a letter to the Editor of The Hindustan Times, stating your displeasure regarding the irresponsible behavior of the public in and around shopping malls/arcades. You may suggest ideas to curb the menace and inconvenience created by them.

**DATE OF SUBMISSION: 1<sup>st</sup> July '19**

कक्षा - दसवीं  
ग्रीष्मकालीन गृहकार्य  
विषय- हिंदी

- \* परिवार में बुजुर्गों का स्थान व महत्व' विषय पर अपने विचार एक लेख के रूप में प्रस्तुत करें।
- \* किन्हीं दो विषयों पर आकर्षक विज्ञापन बनाइए।
- \* अवकाश के दौरान हिंदी समाचार-पत्र व पत्रिकाओं का पठन करें।
- \* अब तक करवाए गए कार्यों को उत्तर - पुस्तिकाओं में पूरा करें।
- \* PA-I परीक्षा के निर्धारित पाठ्यक्रम की पुनरावृत्ति करें।

# **Holiday Homework**

**Class x**

**Mathematics**

**Revise the syllabus for PT - 1**

## **PT-1 Syllabus**

- **Ch 1 Real Numbers**
- **Ch 2 Polynomials**
- **Ch 3 Pair of Linear Equations in Two Variables**
- **Ch 5 Arithmetic Progression**

**II Solve the worksheet on separate sheets ( for Holiday HW ). Tie the sheets together and submit them in the 1st week of July.**



# BIOLOGY (LIFE PROCESSES)

## HOLIDAY HOME WORK

### CLASS – X (2019-20)

Q.1 (a) What are the major events of Photosynthesis? How are they different in the desert plants?

(b) Give a balanced equation for photosynthesis.

Q.2 Name and explain the type of Heterotrophic nutrition in the following organisms:

(a) Bread Mould

(b) Cuscuta

Q.3 Explain with the help of diagrams the steps of holozoic nutrition in Amoeba.

Q.4 Give the important functions of the following organs of the human digestive system.

a) Mouth/ Buccal Cavity

b) Oesophagus

c) Stomach

d) Liver

e) Pancreas

f) Small Intestine

g) Large Intestine

Q.5 Name the part of the alimentary canal which secretes the following enzymes. Give the function of the enzyme also.

a) Salivary Amylase

b) Pepsin

c) Trypsin

d) Pancreatic Lipase

e) Pancreatic Amylase

Q.6 Explain with the help of a flow chart the various pathways of breakdown of glucose in the Human body.

Q.7 Write at least 3 important differences between:

- a) Respiration and Breathing
- b) Photosynthesis and Respiration
- c) Aerobic Respiration and Anaerobic Respiration

Q.8 (a) Name the various components of blood.

(b) Give atleast 5 important functions of blood.

Q.9 What is meant by Double Circulation of blood? Give its advantage.

Q.10 Give reasons:

- a) If Iodine solution is added to a starch solution in which some saliva is mixed , we do not get Blue black colour .
- b) If we exhale air into a test tube containing lime water ,it turns milky.
- c) Aquatic animals have a higher rate of breathing as compared to terrestrial ones.

Q.12 Draw the following diagrams:

- a) Cross section of leaf
- b) Stomata (open and closed)
- c) Human Alimentary Canal
- d) Human Respiratory System
- e) Internal Structure of Human heart
- f) Double circulation of blood
- g) Excretory system in humans
- h) Structure of Nephron

Holiday Home Work  
PHYSICS  
CLASS 10  
2019-2020

- 1) Read the chapter "Sources of energy" from your NCERT textbook and do the given worksheet in your homework notebook.
- 2) Revise the chapter "Light:-reflection and refraction" for the Periodic assessment to be held in the month of July.
- 3) Practice all the ray diagrams and numerical (solved and unsolved) given in the NCERT textbook and the worksheets given on the chapter "Light :-reflection and refraction"

## CLASS TENTH CHEMISTRY HOLIDAY HOMEWORK

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- 1) Prepare a natural indicator from red cabbage leaves/beetroot/china rose petals. Test the nature of the following substances & record its result in the homework notebook
  - a) Baking soda
  - b) Detergent
  - c) Lemon juice
  - d) Milk
  - e) Papaya
  - f) Soap
  - g) Toothpaste
  - h) Coffee
  - i) Saliva (before meal)
  - j) Saliva (after meal)
- 2) Do the given worksheet based on chapter 1 in the homework notebook.
- 3) Learn reactivity series of metals.
- 4) Revise chapter-1 (complete) -and chapter-2 (till chemical properties of acids and bases ) for the periodic test)



## HOLIDAY HOMEWORK

### CLASS 10<sup>TH</sup> GEOGRAPHY

- I. Make a **PROJECT FILE** for all the maps given in the geography textbook.
  - Use a physical map of India to show different soil types.
  - Use a physical map of India to locate and label the following hydro power projects:
    - Salal
    - Bhakhra Nangal
    - Tehri
    - Rana pratap sagar
    - Sardar sarover
    - Tungabhadra
    - Hirakud
    - Rihand
    - Periyar.
    - Nagarjun Sagar
  - Use political map of India for rest of the maps in the textbook.
- II. World Environment Day occurs on 5<sup>th</sup> of June. Make a **POSTER** on A2 size sheet and write a slogan for saving our mother earth. (Poster will be evaluated for 5 marks).
- III. Make a **COLLAGE** on WATER SCARCITY under the heading “Water, Water Everywhere Not a Drop to Drink”. (to be done on a A2 size sheet)
- IV. **CUT AND PASTE** pictures of five endangered animals, birds and plant species. Also write 5 lines for each. Students can take

help from chapter 2: Forest and Wildlife Resources (to be done in fair class work notebook).

**Holiday Homework (2019-20)**  
**Class X**  
**Political Science**

Project in a file format

Make a case study of 2019 General Elections covering the following aspects:

- (i) Main Electoral Alliances - National and State level
- (ii) Political parties that contested elections
- (iii) Party manifestoes and key issues
- (iv) Final results

**SUMMER HOLIDAYS HOMEWORK 2019-20**

**CLASS - 10**

**SUBJECT- FRENCH**

- Faites la feuille donnés dans la classe.  
Ou
- Faites deux feuilles utilisant deux sujets de la grammaire pour enseigner dans la classe.
- Apprenez et faites les exercices de la culture dans le cahier d'exercice jusqu'à leçon 4.

**CLASS X**

**COMPUTER APPLICATIONS**

**HOLIDAY HOMEWORK 2019-20**

Make a presentation (10 slides) or a webpage (3 webpages) on any one of the following topics:

1. Plagiarism

2. Viruses / Malware / Spam / Antiviruses

3. Social Networking Sites ( all aspects)

4. Environmental Pollution.