



**THE SD VIDYA SCHOOL, NOIDA**

**HOLIDAY HOMEWORK 2019-20**

**CLASS—X**

**English**

1. Reading Comprehension – Collect three newspaper articles related to Science/Health and Hygiene/Education (250-300 words each). Cut and paste them in the notebook. Read and frame eight questions with answers from each. Out of those eight questions two must be vocabulary-based questions. Write them neatly underneath the pasted articles.

2. Letter Writing- (120-150 words)

i. Letter to the Editor of local daily regarding the Encroachment of Lakes for garbage/sewage dumps or construction of apartments causing depletion of greenery.

ii. Letter – as librarian of your school, place an order for books in the school library.

iii. Letter of enquiry to a Coaching Institute about the duration, fee, faculties, etc. of a three-month course you want to pursue immediately after the Board Exam.

3. Write a story in about 250 words using the prompt given below as the opening lines:

“So that’s you are,” he whispered in awe....”

Try to illustrate two three key scenes of the story with small drawings/sketching to make it look real and attractive.

**Computer Science**

**Project:** - Make a chart on the following topics according to your Roll No.

- |       |   |
|-------|---|
| 1-10  | Different types of websites   |
| 11-20 | Make a comparison chart of the features of a web portal, blog and a web directory |
| 21-30 | Make a comparison chart of different types of protocols                           |

## **SOCIAL SCIENCE**

### **Activity 1:**

1. Watch the video, "Water Changes Everything."

[www.youtube.com/watch?v=VieZ3hqztIE&feature=c4-overview-vl&list=PLtaayxEPf2h4zsZsX6yBdQsaRi9Gr0bGR](http://www.youtube.com/watch?v=VieZ3hqztIE&feature=c4-overview-vl&list=PLtaayxEPf2h4zsZsX6yBdQsaRi9Gr0bGR).

Use the video and your background knowledge to answer the following questions:

- a) Approximately how many people live without clean drinking water?
- b) Where is the water crisis occurring?
- c) What could happen if someone drinks contaminated water?
- d) What are solutions to the water crisis?
- e) Why are so many developing nations experiencing a water crisis at the moment?
- f) What social and environmental factors do you think are contributing to the global water crisis?

### **Activity 2**

Prepare project on "CONSUMER AWARENESS".

#### **PREPARATION AND SUBMISSION OF PROJECT REPORT**

Following essentials is required to be fulfilled:

1. The total length of the project report will not be more than 8-10 written pages of A-4 size paper).
2. The project report will be handwritten and credit will be awarded to, use of maps, graphs and articles from newspapers and magazines, illustrations, photographs, artworks, good layout and creative use of materials
3. The project report will be presented in a neatly titled cover page or paper folder (Plastic folder should not be used.)

The project report will be developed and presented in this order

- Cover page showing project title, student information, school and year.
- List of contents with page numbers.
- Acknowledgements (acknowledging the teacher)
  - a) Introduction to term consumer awareness.
  - b) Rights of Consumers .
  - c) Factors causing exploitation of Consumers :
  - d) Consumer Protection Act – 1986 (COPRA)
  - e) Legal measures taken by government to protect consumer.

## Science

Prepare a power point presentation/ project report on the topic given below on A 4 size ruled coloured sheets.

Refraction and Reflection of light	Ray diagrams and formation of image.	1-9
Effect of oxidation reaction in everyday life	Corrosion, rancidity, antioxidants	10-18
Coronary heart disease	Cause, Symptoms treatment Prevention	19-27

## संस्कृत

- क) अध्याय प्रथम से पञ्चम के शब्दार्थों से एक शब्द कोश का निर्माण करें तथा हस्त निर्मित सञ्चिका (कापी) बनाए ।
- ख) अध्याय प्रथम और तृतीय के श्लोकों को अर्थ सहित हस्त निर्मित सञ्चिका (कापी) में लिखिए व याद कीजिए, इसी कार्य पुस्तिका में सन्धियों के नियम भी लिखिए ।
- ग) पढ़ाए गए संस्कृत अध्यायों को बार-बार पढ़कर व समझकर बुद्धिकौशल को बढ़ाएँ ।

## Hindi

- मीडियाकी पहुँच समाज के सभी स्तर तक है । परियोजना द्वारा स्पष्ट कीजिए ।
- कबीरदास जी और बिहारी जी के प्रसिद्ध दोहों को संग्रहित करके उनके सामाजिक संदेश को अपने शब्दों में लिखिए ।
- लेखक गुरुदयाल सिंह द्वारा रचित कोई भी रचना को पढ़कर उसकी समीक्षा अपने शब्दों में कीजिए ।(150 से 200 शब्द )

**Subject: Mathematics**

**Activities:**

**The following format will be followed for activities:**

- The activities should be hand written on A-4 size sheets.
- For each activity write Objective, Prerequisite knowledge, Material requires, Procedure ( 6 -7 steps), Observation, Calculations and Result.

<b>S.No.</b>	<b>Topic</b>
<b>1</b>	To verify Pythagoras theorem by paper cutting.
<b>2</b>	To verify that the given sequence is an arithmetic progression by paper cutting and pasting method.
<b>3</b>	To verify that the sum of first n natural numbers is $n(n + 1) / 2$ , i.e. $\sum n = n(n + 1) / 2$ , by graphical method.