

## SUMMER BREAK (HOLIDAY HOME WORK) CLASS: X SESSION 2020-21

### Subject: English

1. Complete the following stories in 150- 200 words.

a. This morning when I woke up and looked in the mirror, I.....

b. I got up in the middle of the night. I was sweating profusely.....

Look at the picture given below and create a story of your own

2. Write a letter to the editor of a national daily making a plea to the common people to switch over to solar energy to conserve electricity and limit electricity bills.



### Subject: Hindi

प्रश्न -1 गोपियों ने यह क्यों कहा कि हरि अब राजनीति पढ आए हैं ?क्या आपको गोपियों के इस कथन का विस्तार समकालीन राजनीति में नज़र आता है स्पष्ट कीजिए।

प्रश्न -2 परशुराम की स्वाभावगत विशेषताएं क्या हैं ?पाठ के आधार पर उत्तर दीजिए।

प्रश्न -3 " मेरी प्रिय पुस्तक " अथवा "मेरे प्रिय कवि" पर (300 शब्दों में )निबंध लिखिए।

प्रश्न -4 सेनानी न होते हुए भी चास्मेवाले को लोग कैप्टन क्यों कहते थे ?

### Subject: Sanskrit

1. प्रातः कालीन विद्यालय संस्कृत प्रतिज्ञा को लिखकर अच्छी तरीके से याद करें।

2. पाठ-1 "शुचिपर्यावरणम्" पाठ के कोई चार श्लोक याद करके पुस्तक की सहायता से चित्र सहित लिखिए।

3. "अभ्यासवान् भव" व्याकरण पुस्तक ( Abhyaswanbhv) के अपठित-गद्यांश, चित्र-वर्णन, पत्र एवं संधि के रिक्त स्थानों की पूर्ति करने का प्रयास करें।

### Subject: Mathematics

Q1. Show that any positive odd integer is of the form  $4q + 1$  or  $4q + 3$ , where  $q$  is some integer.

Q2. Show that  $\sqrt{5}$  is irrational number.

Q3. Write the application(s) of Euclid's Division Lemma (Algorithm) and FTA with one example each.

### Subject: Science

#### Physics:

Q1. Write the four rules for image formation in decorative way on a chart-paper.

Q2. Draw the sign convention diagram and discuss it in brief on a chart-paper.

Q3. Draw the ray diagrams for image formation in concave and convex mirrors (all cases) in a presentable way on a chart paper.

#### Chemistry:

Q1. Write project on  $P^H$  scale and indicate acid, base chemical equation based on chapter 2 on A- 4 paper at least 5 page .

Q2. Classify the following reaction as combination, decomposition, displacement and double displacement reaction:-

a)  $BaCl_2 + H_2SO_4 \rightarrow BaSO_4 + 2HCl$  b)  $3CuSO_4 + 2Al \rightarrow Al_2(SO_4)_3 + 3Cu$  c)  $ZnCO_3 \rightarrow ZnO + CO_2$  d)  $C + O_2 \rightarrow CO_2$

#### Biology:

Q-1. Eating junk food results in several health problems including obesity and heart problems. Still lot of children prefer to eat junk food. What suggestion you will give to avoid eating junk food.

Q-2. Regular physical exercise for 45 minutes is advisable for normal functioning of human body. Comment upon the advantages of this statement/practice in daily life.

Q-3. Rahul wants to build up his body very quickly without following right exercise regime and balanced diet. Instead he started eating readymade food supplement.

i). In your opinion was the step taken by Rahul is right. Justify your answer.

ii). What are the harmful effects of taking artificial health supplement without consulting a physician.

### Subject: Social Science

Q1. Write a detailed article on Fundamental Rights.

Q2. Collect some waste materials available at home and make a useful thing to be used in classroom.