

Holiday Homework
Academic Session : 2019-20
Class- X

English

Literature Worksheet

Ch- 1,2[A Letter To God, Nelson Mandela: Long Walk To Freedom]

Poetry –

[Dust of Snow, Fire and Ice]

Supplementary-

Ch-1 (A Triumph of Surgery)

Ch-2 (The Thief's Story)

Hindi

विज्ञापन बना के लाएँ

Maths

Chapter: Real numbers

Exercise 1.3

Q no.-1

Q no.-3(iii)

Exercise 1.1

Qno.-4

Chapter: Polynomial

Exercise 2.2

Qno.-1(iii)

Exercise 2.3

Q no.-3

Note : All questions are from NCERT Book.

Chapter: Pair of linear equation in two variables

Exercise 3.2

Q no.-1(i)

Exercise 3.4

Q no-2(v)

Exercise 3.6

Q no.-2(i)

Chapter: Quadratic Equations

Exercise 4.2

Q no.-1(iii)

Exercise 4.3

Q no.-9

Science

1. Which is better way to connect light and other electrical appliances in domestic wiring: series circuit or parallel circuit? Why?
2. Distinguish between resistance and resistivity.
3. How many electrons are flowing per second past a point in a circuit in which there is a current of 5 ampere?
4. How do you think the brightness of the two lamps arranged in parallel compares with brightness of the two lamps arranged in series? (both argument have one cell)
5. What do you understand by exothermic and endothermic reaction? Give three examples of each case.
6. A silvery-white metal "X" taken in form of ribbon, when ignited, burns in air with dazzling white flame to form a white powder "Y". when water is added to powder "Y", it dissolves partially to form another substance "Z".
 - What could metal "X" be?
 - What is powder "Y"?
 - With which substance metal "X" combines to form powder "Y"?
 - What is substance "Z"? Name one domestic use of substance z.
 - Write balanced chemical equation of the reaction which takes place when metal "X" burns in air to form powder "Y".

Biology

- Q-1. What are the different ways in which glucose is oxidized to provide energy in various organisms?
- Q-2. Bile doesn't have any digestive enzyme yet it plays an important role in digestion. Explain.
- Q-3. Write any three differences between aerobic and anaerobic respiration .
- Q-4. What will happen if platelets were absent in the blood?
- Q-5. Mention the major events during photosynthesis.
- Q-6. How does carbohydrates, proteins and fats digested in human beings?
- Q-7. What is the role of saliva in the digestion of food?
- Q-8. describe the role of the following:
- | | | | |
|-------------|------------|-----------------------|------------|
| a)- Trypsin | b)- Lipase | c)- Hydrochloric acid | |
| d)- Amylase | e)- Bile | f)- Mucus | g)- Pepsin |
- Q-9. Write the short notes on the following:
- | | | | | |
|-----------|-------------|-------------|-----------------|------------------------|
| a)- Lymph | b)- Systole | c)- Lacteal | d)- Peristalsis | e)- Holozoic nutrition |
|-----------|-------------|-------------|-----------------|------------------------|

Q-10. Draw a well labeled diagram of a human eye , describe Myopia and hypermetropiaits causes and method of correction.

Social Studies

- Prepare project file on "Disaster Management".

