

**ENGLISH**

**Create a Literary Newspaper** (1 cartridge sheet folded twice so that there are 4 sides) **Page 1:** Describe the following in 500 words each with illustrations.

(i) Apartheid

(ii) Holocaust

**Page 2:** Description of an event (250 words each)

(i) Lok Sabha Elections

(ii) International Mother Earth Day

**Page 3:** Article (150 words each) (i) Social Media and Youth

(ii) Qualitative Education vs Quantitative Education (iv) Role of youth in making new India

(iii) Coping with stress

**Page 4:** Story Writing on any one of the following: (250 words each)

**Prompts:**

(i) You answer the door-bell only to find an intricate envelope on the ground – an invitation.

(ii) John was up for a big promotion in his company. He had put everything on hold for it, including his love life. But an outsider is hired and .....

(iii) They didn't mean to, but in an attempt to build a time travelling machine, they discovered an alternate universe, and were accidentally trapped there.

(iv) Jack and his friends take a boat trip to a tiny, vacant, off-limit island for a night of celebration. When the sun goes down, they realize just how occupied the island actually is and there's a reason it's off-limits.

**HINDI:** Learn all the topics covered in class and do vayakaran work also.

Prepare the advertisement on the topic - "Har samasya ka samadhaan Mahatma dwara" "Samwaad Lekhan" topic "Do mitron ke beech pani ki samasya" in note book.

## HOLIDAY HOMEWORK (2019-20)

### CLASS – X (Science)

1. Draw the structure of neuron and explain its function.
  2. Draw the structure of Brain and explain its functions,
  3. What is reflex action? Describe the steps involved in reflex action,
  4. What is hydrotropism? Describe an experiment to demonstrate hydrotropism,
  5. Name different types of phytohormone and state their functions,
  6. What happens to the crystals of washing soda when exposed to air?
  7. Why is sodium hydrogen carbonate an essential ingredient in antacids?
  8. Bleaching powder forms a milky solution in water, explain.
  9. How will you show that acetic acid is mono basic acid?
  10. why should curd and sour substance not be kept in brass and copper vessels?
  11. Do basic solutions also have hydrogen ions? If yes then why are these basic?
  12. What are functions of lymph in our body?
  13. What is the mode of excretion in plants?
  14. How respiration does takes places in plants?
  15. Describe functions of liver and pancreas.
  16. State ohms law. How can it be verified experimentally?
  17. What is Joule's heating effect? List its four application in daily life.
  18. 100 J of heat is produced each second in a 4-ohm resistance. Find the potential difference across the resistors
  19. Should the resistance of an ammeter be low or high? Give reason.
  20. State and explain Right hand thumb rule.
- † Solve NCERT questions of chapters 1,2,6,7 and 12 in fair notebook. † Complete practical file.
- † Solve the above questions.

SUMMER HOLIDAY HOME WORK  
SOCIAL SCIENCE

Class - X

*“We cannot stop natural disasters but we can arm ourselves with knowledge: so many lives wouldn't have to be lost if there was enough disaster preparedness.” - Petra Nemcova*

**Social Science Project – Disaster management**

**General Instructions:**

1. The project should be hand written.
2. It should be well presented, researched, and pictorial.
3. Cover page, Index, table of contents, headings and sub – headings ,acknowledgements, bibliography, are a must.
4. Each section should be done on white/colored A4 size sheets.
5. The project should be presented in a file.
6. The project should not exceed 15 pages.
7. Do not exceed **700 - 1000 words**.

Keeping the above statement in mind, prepare a project on **Disaster Management** as per the following guidelines:

1. **Highlight the following:**

- Definition of ‘Disaster’.
- What is a disaster management cycle?
- What are the types of Disasters?
- What is vulnerability and risk?
- What is a Hazard? How is it classified?
- Differentiate between hazard and disaster.
- Contrast and compare physical, chemical and biological hazard. Use the given table as a reference.

2. Complete the following table with the relevant information:(Any one physical, chemical, biological disaster)

Hazard	Elements Of Hazard	Vulnerable groups	Prevention	Examples
Physical				
Chemical				
Biological				

3a. Prevention and Mitigation of Common Disasters in India. Select **any One** for your project.

- Survival skill
- Alternate Communication ..... during disaster.

3b. Based on your selection in **Point 3a** above, enumerate the following in your project:

- Meaning
- Causes
- Do's and don'ts
- Prevention and mitigation measures
- Your emergency Kit
- Latest means of forecasting Disasters.
- Prepare a **case study** on any one of the Disasters that you have chosen to research.

4. Being a young student of H.P.S, you are familiar with your school building. According to you, What precautions should you take in evacuating from your classroom in case of a Disaster.

SUMMER HOLIDAY HOMEWORK      CLASS – X

Subject – Computer Applications

Q.1      Design a database in MS- Access to store information Related to Topics given below

(A) Page No. 218 , Library Management    (Roll No. 1 to 18)

(B) Page No. 221 , Inventory Management (Roll No 19 to 40)

Q.2      Do all applications based questions of Chapter 1 to 3 in Computer Notebook.

DRAWING HOLIDAYS HOMEWORK  
CLASS -X

**Follow the link for Drawing H.HW**

**<https://youtu.be/EmoQnVCROT4>**