

**डी ए वी पुलिस पब्लिक स्कूल झज्जर  
ग्रीष्मकालीन अवकाश गृहकार्य ( 2022 -23)**

**आठवीं- हिंदी**

निर्देश-1 शुद्ध व सुंदर लिखिए-

1. भगत सिंह पर 80 से 100 शब्दों में एक अनुच्छेद लिखिए-
2. 'कैसी हो शिक्षा' विषय पर 100 से 150 शब्दों में अनुच्छेद लिखिए-
3. अपनी बहन को पत्र लिखकर योगासन करने के लिए प्रेरित कीजिए।
4. अपने क्षेत्र में मलेरिया फैलने की संभावना को देखते हुए स्वास्थ्य अधिकारी को पत्र लिखिए।
5. फोन को लेकर आपकी बहन और आपके बीच में झगड़ा हो जाता है उस झगड़े को संवाद के रूप में लिखिए।
6. आपके विद्यालय में एस्ट्रोनॉमी क्लब शुरू किया जा रहा है प्रधानाचार्य की ओर से इससे संबंधित एक सूचना लिखिए।
7. समास की परिभाषा देते हुए एकटिविटी बनाइए।
8. हम पंछी उन्मुक्त गगन के एवं दोपहरी कविता का सारांश याद कीजिए।

**आँठवी - संस्कृत**

**सुरभि: + व्याकरण**

पाठ -1 सुवचनानि

पाठ - 2 वसुधैव कुटुम्बकम्

पाठ - 3 अहं नदी अस्मि

पाठ - 4 क्षमस्व महर्षे

पाठ - 5 दिव्या गीर्वाण भारती

( अभ्यास सहित याद करें और लिखें )

व्याकरण

शब्दरूप - साधु, मुनि, अस्मद, युष्मद, किम्, तत् ( तीनों लिङ्गों में याद करें और लिखें ।

धातुरूप - पठ, दृश्, स्था, अस्, कृ, लभ्, सेव् ( सभी लकारों ) में याद करें और लिखें ।

उपसर्ग, अव्यय परिभाषा और उदाहरणों सहित याद करें और लिखें ।

प्रत्यय - पेज न. ( 186 से 190 )

तक याद करें और लिखें । संख्यावाची शब्द ( 1 से 100 तक ) याद करें और लिखें ।

**Computer holidays homework:**

- 1) Prepare an assignment on computer networking.
- 2) Prepare a descriptive chart on any topic of computer. It is necessary for all.

## Science

Q1. Prepare a model on soda acid fire extinguisher, electric circuit, methods of preservation of food potato battery and wind mill.

Q2. Prepare short cards or charts on following

- (i) Endocrine gland.
- (ii) Metal reactivity series
- (iii) Solar system
- (iv) Human eye

Q3. Answer the following question

- (i) Why microbes are called friend or foe.
- (ii) Give two examples of each of the following types of microorganisms: (a) Algae. (b) Fungi. (c) Protozoa
- (iii) What is the role of bacteria in increasing the soil fertility?
- (iv) Explain why antibiotics do not work against flu or any infection caused by viruses.
- (v) Unscramble the jumbled words underlined in the following statements
  - (a) Curbossulite is an air-borne disease caused by a bacterium.
  - (b) Xanrhat is a dangerous bacterial disease.
  - (c) Yeasts are used in the wine industry because of their property of meronettinaf.
  - (d) Cells of our body produce santiidobe to fight pathogens.
  - (e) Aeeessrrwtip are added to food to prevent growth of microorganisms.
- (vi) It is always suggested that not to eat anything from street hawkers. Why?
- (vii) Ria thought of making curd. For this, she took lukewarm milk, mixed some curd into it and stir well. She kept the mixture in fridge. Next day she observed that curd was not set. Can you tell why the curd did not set?
- (viii) Why do idli and dosa maker add some yeast or old batter of pervious day to the newly-made batter and keep it for one day?
- (ix) Seema got cough and cold badly. Her teacher asked her to take rest at home and use handkerchief while sneezing and coughing. She obeyed her teacher.
  - (a) Why should we keep a handkerchief on nose and mouth while sneezing or coughing?
  - (b) What are the modes of transfer of diseases from infected to healthy person?
  - (c) Do you think Seema's teacher decision was right? Why?
  - (d) What value of Seema is shown here?
- (x) On Rahul's birthday, his mother prepared many dishes for him. After having their meal, they found that many food items were left over. Rahul's mother kept these leftovers in a air-tight container and refrigerate them.
  - (a) What is food preservation?
  - (b) What will happen to the food if it is not refrigerated?
  - (c) What is the role of refrigeration in food preservation method?
  - (d) What value of Rahul's mother is shown here?

- (xi) 60 kg of fuel was completely burnt for an experiment. The amount of heat energy was found to be 1,80,000 kJ. Calculate the calorific value of the fuel.
- (xii) Why isn't hydrogen gas used as a domestic or industrial fuel, although it has a very high calorific value? State three reasons for the answer.
- (xiii) Why does a piece of paper burn with yellow flame? Give a reason.
- (xiv) It is observed at petrol pumps and airports, that hydrocarbon fire extinguishers are used, instead of soda-acid fire extinguisher. Give reasons why

(xv) **Fill in the blanks with suitable word/s.**

1. The substance which vapourises during burning gives \_\_\_\_\_ .
2. A good fuel should have \_\_\_\_\_ calorific value.
3. An example of slow combustion is \_\_\_\_\_.
4. \_\_\_\_\_ are substances that release energy on combustion.
5. The most common supporter of combustion is \_\_\_\_\_.
6. Magnesium burns to change into \_\_\_\_\_.
7. Wood is an example of \_\_\_\_\_ fuel.
8. \_\_\_\_\_ is an example of liquid fuel.
9. Carbon dioxide is \_\_\_\_\_ than oxygen.
10. Oxides of \_\_\_\_\_ and nitrogen causes acid rain.
11. The increase in amount of \_\_\_\_\_ gas in atmosphere results in global warming.
12. Inflammable substances have very low \_\_\_\_\_ temperature.
13. The \_\_\_\_\_ zone of a flame is the hottest.
14. During combustion, generally, \_\_\_\_\_ and \_\_\_\_\_ energies are produced.
15. LPG has a calorific value of \_\_\_\_\_ kJ/kg.

(xvi) **Match the following**

Match the items given in column I suitably with those given in column II.

<b>Column I</b>	<b>Column II</b>
1. CNG	(a) Nuclear reactions
2. Sun	(b) Compressed Natural Gas
3. LPG	(c) Liquefied Petroleum Gas
4. Fireworks	(d) Explosion
5. Non-luminous zone	(e) Least hot
6. Innermost zone	(f) Highest calorific value
7. Combustion	(g) hottest
8. Phosphorus	(h) combustible at 25°C
9. Acid rain	(i) exothermic chemical reaction
10. Hydrogen	(j) Oxides of nitrogen and sulphur

## Mathematics

- 1) Write and learn all formulas from book.
- 2) Write and learn square and square roots from 1 to 30.
- 3) Write and learn cube and cube roots from 1 to 30.
- 4) Write and learn all algebraic identities.(only useful for 7<sup>th</sup> and 8<sup>th</sup> )

### Activity:

- 1) Find short tricks for square, square roots, cube, and cube roots.

### Project Work:

- 1) Make a formula chart.
- 2) Make a chart on great Mathematicians and their inventions.

### Assignment:

- 1) Solve Brain teasers of ch 1, ch2, ch3, ch4 and ch5.
- 2) Solve examples from NCERT of :
  - Ch - Square and Square roots
  - Ch - Cube and Cube Roots
  - Ch - Exponents and Radicals
  - Ch - Compound Interest
  - Ch - Introduction to Graph

**Dear students**

*Learning is the beginning of wealth.*

*Learning is the beginning of health.*

*Learning is the beginning of spirituality.*

*Searching and learning is where the miracle process all begins.*

**Homework**

**Listening skill....**

Listen English news daily for 15 minutes

**Speaking skill**

Read lesson 1 to 4 of literature. Do practice speaking the difficult words in the lesson correctly to make your tongue habitual of the twist during speaking.

**Reading skill**

Read English newspapers or story books of English

**Writing skill-**

Practice Book: Do chapter 10 ' Reading for Understanding' of practice book in book

Reader: Read Unit 1- Changing Times and Unit-2 Compassionate Souls and write vocabulary words with the meaning in notebook and try to do the worksheet given after each chapter.

2) Write paragraph on the given topic:

Generation Gap

The Self Centered Generation

**Learning work**

Learn question answers of lesson 1. and 2(both books) thoroughly.

**Creative work**

Prepare a beautiful chart on any topic of Grammar. Use your creativity and your own idea to present the topic on the chart. It should be creative, colorful and appealing.

Maintain a diary and write down your activities of at least 10 days (how you spend your day.....what you did....games....study).

Collect articles, poems, Stories, advertisement, notices etc from newspaper and make your own magazine using the same. Use your creativity and make the cover for the same.