



**D.A.V PUBLIC SCHOOL, BEHROR**  
**Holidays Homework VIII (2025-26)**

**General instructions that are to be followed:-**

- 1- Download the holiday homework pages and complete the task.
- 2- Handwriting should be neat and legible.
- 3- All the subjects holiday homework should be done in respective subject notebooks.
- 4- The holiday homework would be graded.
- 5- The assignment should be original and not copied from Internet.
- 6- The assignment should be submitted to the respective subject teachers.
- 7- Encourage your ward to do the assigned holiday homework independently.

**Summer tips to be followed:-**

- 1- A healthy mind resides in a healthy body. Pay attention to your health, go for Morning and evening walks, drink lots of water, avoid the consumption of junk food, eat healthy and stay healthy.
- 2- Open your mind for reading newspaper, novels, blogs and stories that will help you in increasing your vocabulary.
- 3- Indulge yourself into activities like cooking, singing, dancing, aerobics, cycling, tracking, swimming, art and craft, river rafting and gardening. And share your experience with your family and friends.
- 4- Spend quality time with your grandparents and parents, talk to them regarding their experience of school.

**English :-**

- A. Make a tense chart in your notebook or on a chart. (Draw a tree and write the types of tense on its branches).
- B. Granny was passionate about tree climbing. Give evidence from the chapter to support this statement.
- C. The poem "My Mother" depicts how mothers sacrifice their comforts and face challenges for a better upbringing for their children. Suggest any two ways by which children can comfort their mother from time to time.
- D. Swami painted his teacher in the darkest colours. Was he right in doing so? Comment
- E. Imagine you are Swami's father. You are deeply hurt to know that Swami had lied to you. Write a diary entry to express your feelings.
- F. You are Vaishali Sharma/ Vaibhav Sharma, the Vice Head Girl/Vice Head Boy of Oxford High School, Bahadurgarh. Your school is organising an Inter Class Drawing and Painting Competition for classes V to VIII. Draft a notice, words inviting the students to participate. Give all necessary details.
- G. Write an application to the Principal of your school for fee-concession.
- H. Write an application to your class teacher to apologise for not coming in proper uniform.

**हिन्दी :-**

1. प्रतिदिन हिन्दी समाचार पत्र पढ़िए ।
2. पाठ 1, 2 और 6 के प्रश्नोत्तर एवं व्याकरण का दोहरान कीजिए ।
3. पक्षियों के रहने के लिए पक्षी घर का निर्माण कीजिए ।
4. औपचारिक एवं अनौपचारिक दो – दो पत्र लिखिए ।

## नैतिक शिक्षा

1. आर्य समाज के नियम लिखिए और याद कीजिए ।
2. गायत्री मंत्र एवं गायत्री मंत्र के शब्दार्थ याद कीजिए ।
3. दैनिक यज्ञ में काम आने वाले मंत्र याद कीजिए ।
4. यज्ञ प्रार्थना याद कीजिए ।

## संस्कृत : -

- 1) प्रश्ननिर्माणस्य किं किं शब्दस्य प्रयोगः भवति तां सर्वान् शब्दान् लिखित्वा विंशतिः उदाहरणानि लिखन्तु।  
यथा :- कदा अवकाशः भविष्यति ?
- 2) अस्मद्, युष्मद् शब्द रूपाणि लिखन्तु स्मरन्तु च ।
- 3) निम्नलिखित धातु रूपाणि पंच लकारेषु लिखन्तु । रुच, पठ्, कृ, शुभ
- 4) प्रथमपाठस्य श्लोकान् अर्थ सहितं स्मृत्वा पुस्तिकायां च लिखन्तु ।
- 5) अधोलिखित सर्वनाम शब्दरूपाणि त्रिषु लिंगेषु कण्ठस्थ कुर्वन्तु -सर्व, तत्

## Science : -

- Q1.Name the metals used in making the alloy-Brass.
- Q2 .Name two major nonmetals which are present in fertilizer and enhance the growth of plants.
- Q3. A plant disease led to the Irish famine in 1740-41. Which microorganism was responsible for it?
- Q4.A disagreeable odour comes on opening a packet of fried chips. What could be the reason behind it?
- Q5. Elucidate the location and function of ribosomes.
- Q6.:Compare RER and SER on basis of their function.
- Q7.(a) What is known as unit of inheritance in living being?  
(b) Compare Chloroplast and leccoplast on the basis of colour and function.
- Q8. A metal X when treated with cold water gives a base Y with formula XOH and liberates a gas Z which easily catches fire  
(a) Identify X,Y and Z.  
(b) Write a balanced chemical equation for the reaction involved.
- Q9.Give reason:-  
(a) Curd always set faster in summer than in winter.  
(b) Farmers prefer to grow peas and beans in nitrogen deficient Soil.
- Q10.Virus differs from other microorganisms such as bacteria. Justify the statement.
- Q11.Give reason:-  
(a) Bronze is preferred over copper metals for making statues.  
(b) Aluminium is used for making aircraft bodies.  
(c) 22 carat gold is better than 24 carat gold for making jewellery.
- Q12.Name the bacteria that turns :-  
(a) Milk into curd.  
(b) Atmospheric nitrogen into nitrates.
- Q13. State the name given to disease causing microorganisms? How do these organisms leave Undesirable effects on our body? Mention any four effects.
- Q14. (a)Why cells which are basic units of all living organisms remained undiscovered for a long time?  
(b)Why does an amoeba and earthworm differ in their size?
- Q15.Name the cell organelle that contains material which helps in inheritance of character from one generation to another. Explain the structure of this organelle.
- Q16. (a) What will you observe when a small piece of zinc metal is hammered? Which property of metal is responsible for this characteristic?  
(b)State two properties of copper which make it suitable for making electrical wires.

Q17. (a) State two observations when magnesium ribbon is burnt in air. Write the chemical equation of the reaction involved.

(b) Write an activity to find the chemical nature of the compound formed in 'a'. Also write the chemical equation of the reaction involved.

Q18. What happens when:-

(a) Aluminium reacts with dilute hydrochloric acid. (Write the chemical equation).

(b) A small piece of charcoal is ignited. (Write the chemical equation)

(c) Magnesium reacts with water on heating. (Write the chemical equation)

(d) Zinc metal is hammered.

(e) Iodine crystals are beaten with a duster

Q19. Name a microbe responsible for bioaugmentation.

Q20. The cells of plants, fungi and bacteria have an additional outer covering.

(a) Name the outer covering

(b) Write its two functions.

Q21. Name the extension on the cell membrane in Euglena and paramecium. State their function.

Q22. Give a balanced chemical equation to support that copper is more reactive than silver.

Q23. Name the non-metal used:-

(a) as an antiseptic.

(b) in the matchbox industry.

Q24. Name a microorganism used in the baking industry.

Q25. The longer we leave the curd at room temperature the more sour it tastes. Give reason.

Q26. Elucidate the structure and function of the cell organelle known as the power house of the cell.

**Note:** Frame ten -ten Question Answers from the following Chapters. Chapter- 1, 2 & 3

### **G.K.**

1. Great Personalities College.

Make a collage of 5 inspiring personalities (past or present): e.g., A.P.J. Abdul Kalam, Kalpana Chawla, Malala Yousafzai  
Write 1–2 lines about what makes each one special.

2. States and Capitals Revision

List all 28 states and 8 union territories of India along with their capitals.

3. Important Days Calendar

Make a mini calendar showing 10 important national and international days (like Environment Day – June 5). Write the name of the day and one line about its importance.

4. India's National Symbols

Write 1–2 lines on each of the following:

- National Animal

- National Bird

- National Flower

5. Quiz Yourself : Create a Mini GK Test

Prepare a 10-question quiz on General Knowledge (with answers).

- National Emblem
- National Song vs National Anthem

### **Social Science :-**

1. Prepare a Report: Depletion of Resources: Collect information related to the depletion of resources over the years and its impact on man's life.
2. Interview any 5 maids/domestic help in your society with the help of a Questionnaire ( 10 Questions) related to education, salary, health conditions, accommodation, family status, working environment, food habits, purchasing power, saving etc. and file them in a folder. Also write a conclusion by providing measures to establish Dignity of Labours in society and support it with picture.
3. Paste five newspaper report on "Operation Sindoor".(In fair notebook)
4. Make a list of ten democratic countries and find out which one of them are republic.
5. Make a poster on A4 size paper on "Conservation of resources". Poster can depict problems of resource depletion, use of alternate resources and any innovative methods.
6. Revise all the chapters done so far.

### **Maths :-**

1. Write and practice square 1 to 30.
2. Write and practice cube 1 to 20.
3. Write formula related to chapters each page of the file.

Solve the following questions:-

1. Find the square root of 5, at two decimal places
2. If the area of the square is 144 square centimeters, then find its perimeter.
3. If the volume of the cube is 1728 cubic centimeters, then find its one side.
4. Find the smallest number by which 2028 must multiply. So that it becomes a perfect square. Also find the square root of the perfect square so obtained.
5. Find the least number which must be subtracted from 12772 to obtain a perfect square. Also, find the square root of the number obtained.
6. Find the value of  $\sqrt{21 + \sqrt{13 + \sqrt{9}}}$
7. Evaluate  $\sqrt{2025} + \sqrt[3]{1728} + (3)^0$
8. Find the value of x, if  $2^x + 2^x + 2^x = 192$

### **Computer**

1. Draw or paste picture of any ten networking devices and explain its uses.
2. Write shortcut keys from A to Z.
3. Write ten uses of computer.
4. Draw the picture of key board and describe its functions.