

# GURUKUL INTERNATIONAL SCHOOL, Haldwani

## HOME WORK FOR SUMMER BREAK (2026-27)

### Class- VI

#### ENGLISH

- Creative Writing**  
Imagine you're a superhero with a special power. Write a story illustrating your adventure in 80 -100 words and draw your superhero.
- Fun Task:**  
Design a "Happy Moments" postcard. Decorate it and write a message to a friend.
- Environmental Awareness:**  
India's Green States Research the Arunachal Pradesh environment. Create a collage of its flora and fauna. Write a paragraph comparing its climate to your home state using Degrees of Comparison (e.g., "Arunachal Pradesh is greener than Delhi").
- Problem Solving:**  
Read each situation and write a solution using Interrogative (question), Imperative (command), and Assertive (statement) sentences. The Locked Library--You need to submit your English project today, but the library is locked, and the teacher is not in the staffroom.
- Grammar Fun:** Make sentences using "can", "may", and "must".
- Do you think cleverness can help us solve our problems ? Why do you say so ?

#### MATHEMATICS

- Analogy**
  - Book is to read, as pen is to \_\_\_\_\_.
  - Sun is to day, as moon is to \_\_\_\_\_.
  - Teacher is to school, as doctor is to \_\_\_\_\_.
- Direction Sense**

Aman walks 30 m towards the South. He then turns right and walks 20 m. Again he turns right and walks 30 m. Finally, he turns left.  
In which direction is he moving now?
- Blood Relation**

P is the mother of Q. Q is the brother of R. R is the daughter of S.  
How is S related to P?
- Riddle**
  - I go up and down but never move. What am I?
  - I have a neck but no head, two arms but no hands. What am I?
- Coding-Decoding**

In a certain code:  
PEN → QFO  
MAP → NBQ  
How is CUP written in that code?
- Number Pattern**

Find the missing number:

4	9	16
25	36	49
64	81	
- Operation Change**

If + means  $\times$ ,  $\times$  means  $-$  and  $-$  means  $+$ , then find:  
 $6 + 2 \times 3 - 1 = ?$
- Decision Making :** You see your friend cheating in an exam. What will you do? Give a reason.
- Algebra**
  - Solve:  $3x + 5 = 20$
  - Solve:  $2x - 4 = 10$
- Data Interpretation (Pie Chart)**

A pie chart shows distribution of 200 students:  
Reading – 20%  
Sports – 35%  
Art – 25%  
Find the number of students in:  
a) Reading                      b) Sports                      c) Art

#### SCIENCE

- Indian scientists have played an important role in improving our understanding of science and nature. Identify any four such scientists and describe their major contributions to science. Also explain how their work has helped people in everyday life.

- 2 Give reason:  
Seeds stored in airtight containers sometimes fail to germinate even when they are later placed in moist soil. Why?
- 3 Freshly cut fruits are advised to be eaten immediately. Why so?
- 4 Write the functions of the following parts:  
i) Vitamin and minerals    ii) Dietary Fibre    iii) Proteins
- 5 During a school picnic, two students ate different types of food. One ate freshly prepared homemade food, while the other ate only packaged snacks. By evening, one felt energetic while the other felt tired.  
Explain scientifically how food choices affect energy levels and body functioning.
- 6 Case study  
During a science exhibition, students displayed different plants collected from various regions. Some plants had broad leaves, some had needle-like leaves, while others had thick stems with very few leaves. The teacher explained that these differences help plants survive in their surroundings.  
i) Why do plants living in different regions have different features?  
ii) Which type of plants usually have needle-like leaves and why?  
iii) How do thick stems help certain plants survive?  
iv) What may happen if a desert plant is grown in an area with heavy rainfall?

## SOCIAL SCIENCE

- 1 Define – Altitude , Fossils , Manuscript , Tertiary sector
- 2 If timelines were not used in history, how would it affect the study of historical events?
- 3 Why is India called a land of diversity and why is the national flag respected by all Indians?
- 4 On the world map, locate and label the following:  
a) The smallest continent    b) The largest ocean    c) 0° Latitude    d) 0° Longitude  
e) The ocean associated with India.
- 5 Why is it important to respect family members ?
- 6 What kind of country is India, and how can people contribute to its growth and development ?
- 7 How do hard work and dedication help a person achieve success and improve the quality of life ?
- 8 Compare the town planning of the Indus Valley Civilization and modern cities.
- 9 Develop a collage to show different economic activities around us.

## HINDI

- 1 मनुष्य बिना सोचे-समझे जंगलों की लगातार कटाई कर रहा है, जिससे पशु-पक्षियों का जीवन प्रभावित हो रहा है। मनुष्य द्वारा किए जा रहे ऐसे कार्यों की एक सूची बनाइए, जिनसे पर्यावरण व हमारे परिवेश के पशु-पक्षियों के लिए संकट की स्थिति उत्पन्न हो रही है। इस संकट की स्थिति से बचने के लिए क्या-क्या उपाय किए जा सकते हैं?
- 2 नीचे कुछ स्थितियों दी गई हैं। इन स्थितियों में बिना सोचे-समझे कार्य करने या निर्णय लेने के क्या परिणाम हो सकते हैं—  
क) सोशल मीडिया पर झूठा संदेश या असत्य समाचार पर भरोसा करके उसे सबको भेज दिया।  
ख) जल्दबाजी में बिना हेलमेट के बाइक चलाने पर पुलिस ने चालान काट दिया।  
ग) बिना माता-पिता से पूछे ऑनलाइन गेम पर पैसे खर्च कर दिए।
- 3 फूल अपनी सुगंध और व्यवहार से चारों ओर प्रसन्नता और आनंद फैला देता है। आप अपने मित्रों या परिवार के जीवन में प्रसन्नता और आनंद लाने के लिए क्या-क्या करते हैं और क्या-क्या कर सकते हैं?
- 4 यदि आपको एक दिन के लिए अपने शहर का जिम्मेदार अधिकारी बना दिया जाए, तो आप कौन-सी तीन समस्याएँ सबसे पहले हल करेंगे और कैसे ?
- 5 निम्न विषयों पर संक्षिप्त निबंध लिखिए—  
क) ऑनलाइन शिक्षा के लाभ और हानि    ख) खेलों का जीवन में महत्व    ग) मेहनत ही सफलता की कुंजी है
- 6 यदि बिजली एक हफ्ते के लिए बंद हो जाए, तो आप अपना समय कैसे उपयोग करेंगे ?
- 7 अपने जीवन के किसी ऐसे लक्ष्य के बारे में लिखिए जिसे आप प्राप्त करना चाहते हैं। उसे पाने के लिए आप क्या योजना बनाएंगे और किन कठिनाइयों का सामना कर सकते हैं ?
- 8 अंतरराष्ट्रीय योग दिवस पर तीन मिनट का भाषण तैयार कीजिए।  
क) योग का अर्थ और महत्व    ख) योग से होने वाले शारीरिक लाभ    ग) विद्यार्थियों के जीवन में योग का महत्व  
घ) नियमित योग करने का संदेश

## COMPUTER

- 1 Define- a) Translator    b) Thesaurus
- 2 Opinion-Based question-  
Which type of computer language do you find most interesting & why ?
- 3 Why is Ms Word better than writing on Paper ? Explain your answer.
- 4 Write 4 examples of AI you see in daily life.
- 5 "Who am I ?" (Brain Teasers)  
i) "I translate a program line-by-line. Who am I ?"  
ii) "I am a software used to convert Assembly Language into Machine Language. Who am I ?"
- 6 Case Study-  
A smart watch tracks steps, heart rate, and sleep. It gives suggestions to stay healthy. Sometimes, the data may not be fully accurate.  
i) How is AI used in the smart watch?  
ii) Should we depend completely devices? why?
- 7 **AIL-** Draw a colorful tree diagram of 'Types of computer Languages' with example.