

GURUKUL INTERNATIONAL SCHOOL, HALDWANI
HOME WORK FOR WINTER BREAK (2024-25)

Class - VIII

ENGLISH

- 1) Human life is dependent on nature so it is regarded as Mother Nature as we take everything from nature for our survival. Do we reciprocate anything to nature how?
 - i) Mention some major resources that we use.
 - ii) Elucidate the relationship of living beings with nature through illustration
- 2) Give a character sketch of J. K. Rowling (The Literary Phenomenon). Physical appearance, Personality traits, Strength and weakness, Achievements.
- 3) How do the manners and etiquettes transform the personality of individual? List some important traits of personality and their sources.
- 4) Read the following books and write their summary
 - i) David Copperfield
 - ii) Heidi

MATHEMATICS

- 1 The opposite angles of a parallelogram are $(3a + 1)^\circ$ and $(65 - a)^\circ$. Find the measure of all its four angles .
- 2 A 400 m train is travelling at a speed of 60 Km/hr. How long will it take to cross a bridge of 600 m long ?
- 3 Complete the following series :
 - a) 1 , 4 , 7 , 10 , ___ , ___ , ___ , ___
 - b) 2 , 4 , 8 , 16 , ___ , ___ , ___ , ___
 - c) 1 , 3 , 6 , 10 , ___ , ___ , ___ , ___
- 4 Prepare the cut outs of various 2 D shapes and paste them on coloured A4 sheet and write the name of these shapes and find out the formula for finding out their area and perimeter .
- 5 An open water tank of dimensions 40 m x 20m x 12 m needs to be tiled with tiles of dimensions 30 cm x 30 cm. If one tile cost ₹ 10.5, find the total cost of tiling.
- 6 Write all identities and all formula for cube, cuboid and cylinder with their diagram (in a chart paper)

SCIENCE

- 1 You know that tiger is in endangered species. To prevent tigers from becoming extinct, Project Tiger was launched by the Government of India .Since then ,the Tiger population has increased. On and outline map of India, mark the places where a considerable number of tigers are found.
 - A) Name the Indian state that has the highest Tiger population.
 - B) Name the National Park in India where tigers are mostly found.
 - C) Which city is the “Tiger Capital of India”? Why?
 - D) Which was the first Tiger Reserve in India ?
- 2 One day , while making juice for my parents in a juicer ,I noticed that it body started to get warm on continuous use. Think about what could be the reason for the same.
 - A) Why do you think the juicer got heated up?
 - B) Which force is responsible for this heating up?
 - C) How does this force arise in a juice?
- 3 Make a poster on the need to protect vulnerable and endangered species. Also include a catchy slogan.
- 4 It is difficult to burn a heap of green leaves but dry leaves catch fire easily. Why?
- 5 Show a Male or Female endocrine system using different coloured papers showing each gland and mention the hormones secreted by them.

SOCIAL SCIENCE

- 1 Draw a sketch of Baba Saheb Ambedkar and write about his early life and social inequality he faced.
- 2 Define the terms-
a) Malnourishment b) Seige c) Orientalists d) Stripurushtulna
- 3 Draw a map of India and mark the following-
a) iron and steel industries (Bhilai, Bokaro, Rourkela and Bhilai)
b) Rice growing area
- 4 What ways did the British change its policies after the rebellion of 1857? Differentiate between revolt and revolution.
- 5 Draw a model and show ancient and modern life of India on the basis of (i) living culture (ii) dwelling places (iii) religion and beliefs

HINDI

- 1 'पानी की कहानी' की आत्मकथा के आधार पर जलवायु की आत्मकथा को अपने शब्दों में लिखिए और चित्रित कीजिए ।
- 2 निम्नलिखित विषयों पर निबंध लिखिए..
क. जाड़ों के दिन
ख. खान_पान का स्वास्थ्य पर प्रभाव
- 3 एक व्यक्ति जो चिकित्सा विज्ञान में शोध कार्य (Research in medical science) करना चाहता है उसका साक्षात्कार दस प्रश्नों के माध्यम से लीजिए और उनके उत्तर तर्क पूर्वक दीजिए ।
- 4 दो प्रकृति से संबंधित कविताओं का संकलन करते हुए छायावादी कवियों का कोलार्ज तैयार कीजिए।

COMPUTER

- Q-1) Differentiate SaaS and IaaS.
 - Q-2) What are points to be considered before we opt for a specific Cloud Service.
 - Q-3) Discuss Hybrid cloud model with example.
 - Q-4) What are the conditions for infinite loop in python. Give example.
- AIL-
- Create your own museum (folder) in Google drive(or any cloud storage) in your personal device. Upload 5-10 images about your interest of area. Write steps for the above activity and paste their screen shots (4-5 only) in your note book.