

## CLASS 7 HOLIDAY HOMEWORK 2023-24

**Art Integration Project-** Prepare a Project on 'Various Adventurous Sports to do in Lakshadweep, Andaman and Nicobar Islands'. Use A4 size sheets. Also paste relevant pictures.

**\*This Project is compulsory for all students.**

**हिंदी**

नोट- \* अवकाश गृहकार्य एक अलग कॉपी में करें ।

1. कक्षा में अभी तक करवाए गए सभी पाठों के शब्दार्थ, प्रश्न उत्तर, अभ्यास कार्य याद करें ।

2. निम्न में से किसी एक विषय पर प्रोजेक्ट बनाएँ (चार्ट, मॉडल, वर्किंग मॉडल,पहेली आदि )

क) अनुक्रमांक 1 -10: संज्ञा/ सर्वनाम/विशेषण

ख)अनुक्रमांक 11-20: क्रिया-विशेषण/संबंधबोधक/विस्मयादिबोधक/समुच्चयबोधक

ग) अनुक्रमांक 21-30: हिंदी मेरी मातृभाषा

घ)अनुक्रमांक 31-40:हिंदी के महान रचनाकार/प्रकृति हमारी रक्षक

3. अवकाश का सदुपयोग व लाभ आप किस प्रकार उठाएँगे इस बात का उल्लेख करते हुए किन्हीं 5 - 6 दिनों की डायरी लिखें।

4. अपने मनपसंद की हिंदी की कोई भी पाँच कहानी या कविताएँ पढ़ें ।



5. आपके द्वारा पढ़ी गई कहानियाँ/कविताओं में से किन्हीं 20 कठिन शब्दों को अर्थ सहित लिखें ।

6. वार्षिक पत्रिका के लिए अपनी स्वरचित रचनाओं को लिखकर लाएँ ।

7. भारत का राष्ट्रीय गीत लिखें व याद करें ।

## ENGLISH

### Instructions

Make a handmade folder. Do the homework in A4 size sheets. Keep the sheets inside the handmade folder and submit.

Design a poster on any one of the following topics.(i) Save Trees(ii) Save Tigers.

COLLECTING AND SHARING INFORMATION –Read the Prose 'Idgah' from your literature Reader and write a character sketch of any one of your grandparent along with a picture of yours with him/her.

3. Read any novel of your choice and write short notes about the author, characters, story and your opinion about the novel.

4. Make a comic strip of an interesting incident happened between you and your sibling.

5. Read the Prose Three at a table and write a short





summary of the story.

## SCIENCE

1. Read and Learn the questions and answers of Ch-1: Nutrition in plants and Ch-12: Time and motion and prepare it for PA-1.

2. Do the following questions in notebook:-

a) Unscramble the following to form terms related to mode of nutrition and write a short note on it.

A) RASPAEIT

B) ROPEHYTSAP

C) TOROPHAUT

D) SIBIOMSYS

b) How is a stop watch different from an ordinary watch?

c) Pendulum clocks generally run fast in winter and slow in summer. Why?

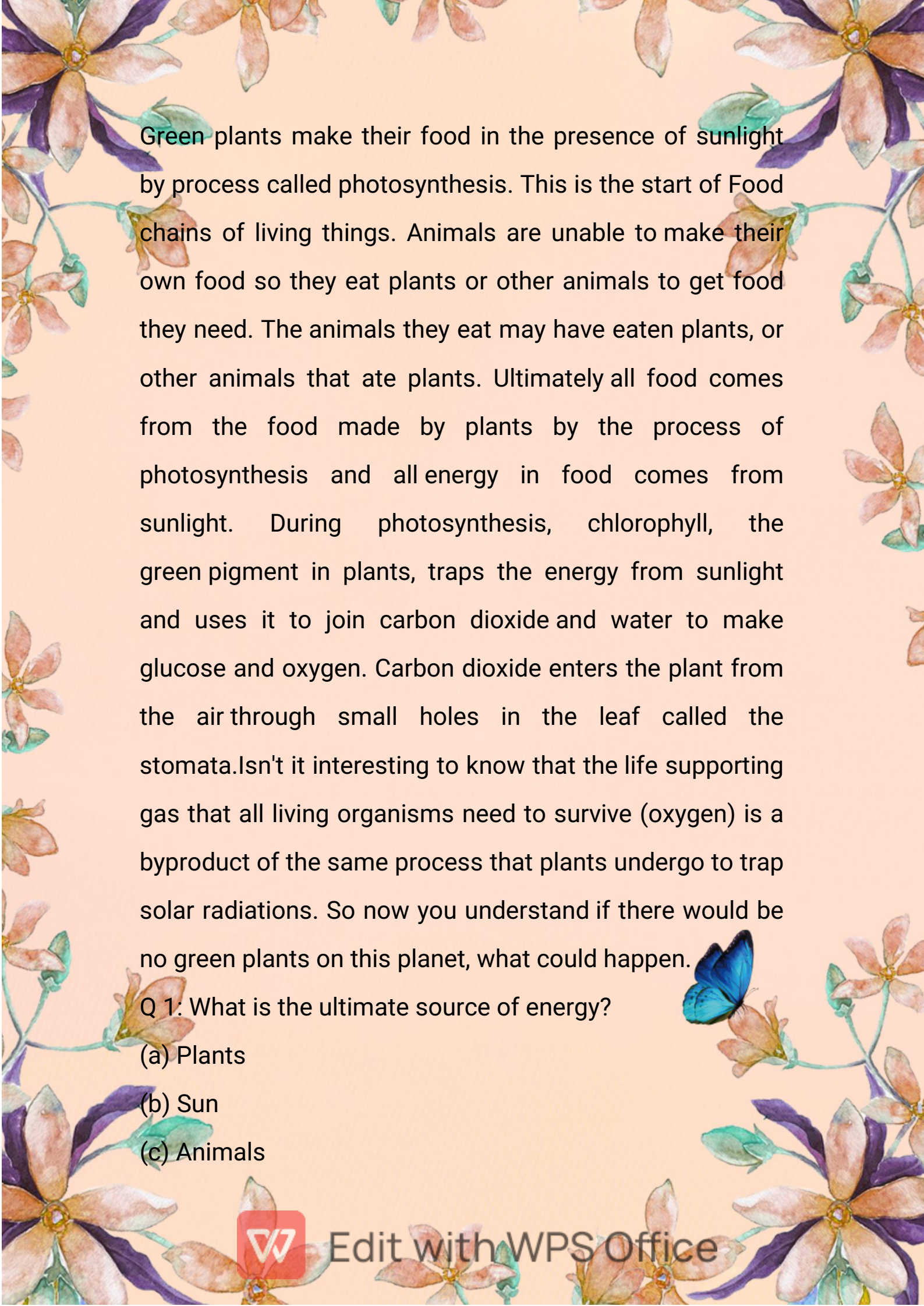
d) Why is 'invar' used in making a pendulum clock?

e) The bob of a simple pendulum is made of wood. If it is replaced by a similar bob made of iron, how will it change the time period of the pendulum?

f) Read the following passage and answer the following questions in brief.

A. \*PHOTOSYNTHESIS\*





Green plants make their food in the presence of sunlight by process called photosynthesis. This is the start of Food chains of living things. Animals are unable to make their own food so they eat plants or other animals to get food they need. The animals they eat may have eaten plants, or other animals that ate plants. Ultimately all food comes from the food made by plants by the process of photosynthesis and all energy in food comes from sunlight. During photosynthesis, chlorophyll, the green pigment in plants, traps the energy from sunlight and uses it to join carbon dioxide and water to make glucose and oxygen. Carbon dioxide enters the plant from the air through small holes in the leaf called the stomata. Isn't it interesting to know that the life supporting gas that all living organisms need to survive (oxygen) is a byproduct of the same process that plants undergo to trap solar radiations. So now you understand if there would be no green plants on this planet, what could happen.

Q 1: What is the ultimate source of energy?

- (a) Plants
- (b) Sun
- (c) Animals





(d) Oxygen

Q.2. Plants prepared their food by using some materials present in nature. Name these materials.

Q.3. How does carbon dioxide enter the plants?

Q.4. Carnivores are also dependent on green plants even though they eat flesh.

Justify the statement.

Q.5. What do you think can happen if all the green cover of planet earth vanishes?

## B \*PLANTS WHICH HUNT\*

Some plants cannot prepare their own food as they do not have chlorophyll. We generally see a yellow wiry branched structure twinning around the stem and branches of a plant called cuscuta. It does not have chlorophyll; it takes readymade food from the plant on which it is climbing. The plant on which it climbs is called the host and it itself is called parasite.

In pitcher plant there are actually modified leaves having pitcher-like or jug-like shape. The apex of the leaf forms a lid like structure that can open or close the mouth of the



pitcher. Inside the pitcher there are hair which entangles the trapped insect. The insect is killed by the juices secreted in the pitcher and the nutrients are absorbed. Such insect eating plants are called insectivorous plants. Such plants are found in Australia, Indonesia and Meghalaya in India.

Q. 1: Pitcher-like structure is:

- (a) Modified stem
- (b) Modified branch
- (c) Modified leaf
- (d) Modified bud

Q. 2: If the pitcher plant is green and carries out photosynthesis, then why they are called as carnivores plants?

Q.3: These plants have a special smell that:

- (a) Attracts insects.
- (b) Keep the environment pleasant.
- (c) Attracts the tourists.
- (d) Provides its pitcher-like shape.

Q.4 The plant shown in figure 'a' is non green and does not have even the expanded leaves. Then how could it survive on the plant on which it





is growing ?

Q.5. In India where can you find cuscuta and insectivorous plants?

3 . Find out why and how the concept of TIME evolved?

Make a project on it.You can paste pictures also.

4. Visit Jantar Mantar or collect information about it and find out how it helps finding out the time of the day.

Prepare a report of your findings.

5 Select a topic of science and make a working model on it.

## **SOCIAL STUDIES**

Collage Making

1. Collect pictures and information about various Kings from (700 to 1200 AD) and make a collage.

Collect information on:

1)Prithvi Raj III

2)Raja Raja I

3) Rajendra I

Or



## Collage Making: Land and its People

Students will paste the pictures showing important nomadic tribes and their way of living, the animals domesticated by them, and how these animals provide help to these tribal communities.

### 2. Differentiate between reuse and recycle.

Make any 2 useful products from the waste materials like bangles, invitation cards, newspapers, etc.

3. Collect the pictures of different types of houses and paste them into your scrapbook. Students will discover the relationship between the type of houses and their physical environment.

4. Power-Point Presentation Collect information on either Ahom's or Gond's tribal groups. Make a PowerPoint presentation on any one of the tribal groups. It should include the following: Occupation of the tribal groups. Areas in which they live. Animals they rear. The culture they observe.

### 5. Survey

Name: \_\_\_\_\_ Locality: \_\_\_\_\_

Age: \_\_\_\_\_

Family





Members

Age

Educational. Qualification.

Employed

Working Env.

Expectation

On the basis of the above format, students will collect information from different people of the society. (At least 10 people). On the basis of the information collected, students will prepare a report and analyse it to show the factors which lead to inequalities.

Or

Case Study: The River Ganga

In what ways has industrialization in India affected the Ganges River?

How does water pollution affect the health and daily lives of people, aquatic lives etc?

GAP (Ganga Action Plan) by 2010.

Mark/Locate River Ganga on India Political map

6. Imagine yourself as a famous designer. An international



export house has asked you to design a sample of a dress.

Materials required: Velvet piece, coloured sheets, glaze papers, glitters, buttons, etc. Prepare the sample and paste the same on an A-4 size sheet1.

## MATHS

### CH.1 TEST YOUR KNOWLEDGE

Q.I, IV, V TO BE DONE IN HOLIDAY HOMEWORK COPY.

WRITE PROPERTIES OF INTEGERS FOR ADDITION, SUBTRACTION, MULTIPLICATION AND DIVISION ( CLOSURE, COMMUTATIVE, ASSOCIATIVE) IN A-4 SHEET .

SOLVE INTERESTING FACT ON PAGE NO.24

SOLVE MATHS EXTENSION ON PAGE NO.10

INTERESTING FACTS (DIVISION PATTERN OF 7 ON PAGE NO.58

DRAW IT ON A-4 SHEET

## संस्कृत

शब्द - रूप: बालक, राम, साधु, मति, रमा, अस्मद् , नदी, गृह् और आत्मन्

व

धातु - रूप: भू , पठ् , गम्, नम् , लिख् , कृ (पाँचों लकार) को अपनी संस्कृत की नोटबुक में लिखें ।





## Computer Science

[A] Prepare Excel sheets on following topics

- 1) Relative Referencing
- 2) Absolute Referencing
- 3) Mixed Referencing
- 4) Invoice given at page 30 (Fun in lab)

[B] Complete your notebook work and book work of the following chapters

Ch 1 : Number System

Ch 2 : Formulas, Functions and Charts in Excel

## ART

- Decorative Ceramic Mandala plates
- Material required
  - One plastic plate (Normal size )
  - Colour medium - Acrylic colour

Instructions - First use any one light colour for a base like - Yellow, light blue ,pink , light green etc.

Select the drawing and colour it according to the reference.







Edit with WPS Office





Edit with WPS Office