

Class - VI

INSTRUCTIONS:

- In general, all the questions are to be answered in the classwork notebooks.
- Projects and activities are to be done as per the instructions given along with the questions.
- Summer Vacation assignment will be the part of Internal Assessment.

English

1. Make a pictograph on 'WATER CONSERVATION'.
Paste picture and write quotes on it.



2. Imagine that you are George. It is the end of the day and you are finally in Black Forest. Write a diary entry about your trek.
3. Write a story based on the outline given below. Give a suitable title.

Rithu and Shilpa friends – plan an outing – pack food, water – set out early morning – forest– starts to rain – look for shelter...

4. Write a paragraph on the 'Indian Poets' and write about their famous literary works.

हिंदी

1. ऐसे पक्षी के नाम लिखकर चित्र लगाएँ जो जाड़े के मौसम में एशिया के उत्तरी भाग और अन्य ठंडे देशों से भारत आते हैं। साथ ही नीलकंठ, छोटा किलकिला, कबूतर और बड़ा पतरिंगा के चित्र लगाकर उनके बारे में दो-तीन पंक्तियाँ लिखें।
2. निर्देशानुसार उत्तर दें—
 - क) दिए गए इलेक्ट्रॉनिक गैजेट्स के चित्र लगाकर उनके आविष्कारक के नाम के साथ यह भी बताएँ कि इनका आविष्कार कब हुआ था?
ग्रामोफोन, रेडियो, टेलीविजन
 - ख) दिए गए खाद्य सामग्रियों के चित्र लगाकर इसके निरंतर सेवन से होने वाले लाभों के बारे में लिखें—
शहतूत, फ़ाल्से, खसखस, काफल, चेस्टनट, कैस्टर ऑयल
 - ग) दिए गए खाद्य सामग्रियों के चित्र लगाकर इसके ज़्यादातर सेवन से होने वाली हानियों के बारे में लिखें—
पेस्ट्री, कोक-पेपसी, लेमनेड, विमटो

3. निर्देशानुसार उत्तर दें—
क) जल चक्र को चित्र द्वारा दर्शाएँ।

ख) जल-संरक्षण से आप क्या समझते हैं? आप इस वर्ष जल-संरक्षण कैसे करेंगे? 50-60 शब्दों में लिखें।

संस्कृतम्

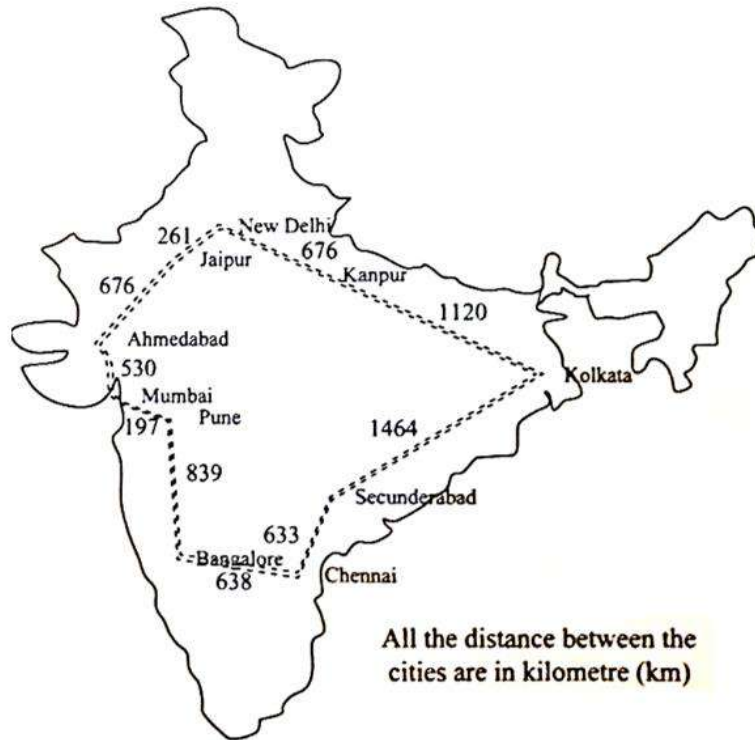
- 1 उच्चारणस्थानानां नामानि चार्टमाध्यमेन लिखत।
2 चित्राणि दृष्ट्वा तेषां नामानि संस्कृतेन लिखत।



- 3 पदानि पठित्वा तेषां चित्राणि संयोज्य उत्तरपुस्तिकायां संलग्नं कुरुत।
कपोतः, मयूरः, सिंहः, मृगः, कमलम्, आम्रवृक्षः, कदलीफलानि, विद्यालयः, संगङ्णकम्, व्यजनम्, आसन्दिका
- 4 ग्रीष्मावकाशे कृता यात्राविषये तत्स्थाने प्रयुक्तभोजनवाहनवृक्षान् चित्राणि संयोज्य उत्तरपुस्तिकायां संलग्नं कुरुत।

Maths

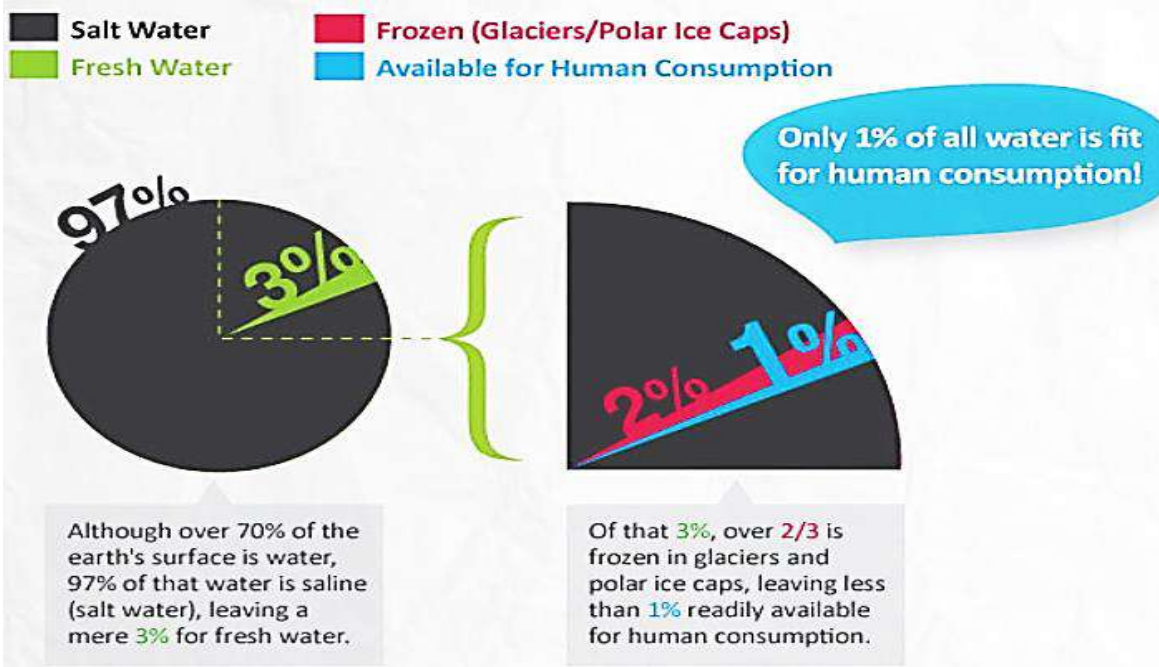
1. Observe the given map. In this map, distance between some major cities of India is given in km.



Choose the shortest distance between the cities from the map and complete the table given below.

From	To	Distance
New Delhi	Mumbai	
Kolkata	Secundrabad	
Ahmedabad	Bangalore	
Chennai	Kanpur	

2. While fresh water is a renewable resource, the world's **supply of clean and usable water is decreasing faster than it can be replenished.**



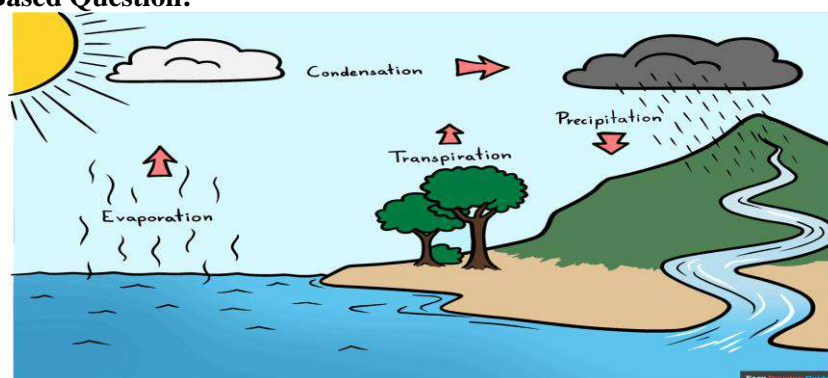
3. Answer the following questions:

- i) As we know that only 1% of the available water is fit for human consumption. Which of the following is the decimal form of 1%?
a) 0.01 b) 0.001 c) 100.0 d) 0.1
- ii) In fraction, $\frac{2}{3}$ is not read as _____.
a) Two-third b) Two - three
c) Two out of three d) Two by three
- iii) What percent of the Earth's surface is covered with water?
- iv) Is 97 a prime number or a composite number?
- v) Make poster on '**Water Conservation**', showing the percentage of water in different forms.
4. Write a 4-digit odd number using each of the digits 1, 2, 4 and 5 only once such that when the first and the last digits are interchanged, it is divisible by 4.
5. In 2001, the population of Tripura and Meghalaya were 3,199,203 and 2,318,822, respectively. Write the populations of these two states in words.
6. Find the product 8739×102 using distributive property.
7. A box contains 50 packets of biscuits each weighing 120g. How many such boxes can be loaded in a van which cannot carry beyond 900kg?
8. A vessel has 13litres 200mL of fruit juice. In how many glasses each of capacity 60mL can it be filled?

Science

PHYSICS

1. Case Based Question:

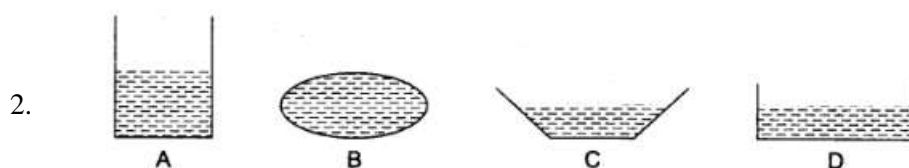


Most of the water that falls on the land as rain and snow sooner or later goes back to the oceans. This happens in many ways. Snow in the mountains melts into water. This water flows down the mountains in the form of streams and rivers. Some of the water that falls on land as rain, also flows in the form of rivers and streams. Most of the rivers cover long distances on land and ultimately fall into a sea or an ocean. However, water of some rivers flows into lakes. The rainwater also fills up the lakes and ponds. A part of the rainwater gets absorbed by the ground and seems to disappear in the soil. Some of this water is brought back to the air by the process of evaporation and transpiration. The rest seeps into the ground. Most of this water

becomes available to us as groundwater. Open wells are fed by ground water. Ground water is the source for many lakes as well. It is also this ground water which is drawn by a hand pump or a tube well. The more hand pumps or Tube wells that are used in an area, the deeper we need to dig to find this ground water. The loss in the level of ground water due to over use, is worrisome.

Water brought back to the surface of the earth by rain, hail or snow, goes back to oceans. Thus, water from the ocean and surface of the earth goes into air as vapour; returns as rain, hail or snow and finally goes back to the oceans. The circulation of water in this manner is known as the Water cycle. This circulation of water between ocean and land is a continuous process. This maintains the supply of water on land.

- i) How does global warming affect the hydrologic cycle?
- ii) Name the process which are involved in water cycle.
- iii) Describe the significance of ground water.



There are 4 containers A, B, C and D with same amount of water in each. Answer the following based on them.

- a) Name the container in which water will evaporate faster than all others.
 - b) Name the container in which water will evaporate very slowly.
 - c) Suggest three methods to conserve water.
3. Answer the following questions :
- i) Why is it necessary to maintain water balance of the body ?
 - ii) Can all plants grow in salty water conditions ?
 - iii) What is the significance of rainwater harvesting in an overpopulated country like India ?

BIOLOGY

1. Mention one activity that can save water, one each from your garden, kitchen and terrace.
2. Purchase two packaged food like health drink (Horlicks) or Chips. See the food composition on its label and list nutrient composition of each packaged food.
Instruction : Activity to be done in scrap book
 1. Cover Page
 2. Topic : Comparison of nutritional content in packaged food (any three)
 3. Acknowledgment
 4. Index
 5. Paste wrappers of food product
 6. Nutritional chart in the form of table
 7. Conclusion
3. Enlist the various categories of food items available from plants. Provide 2 examples of each.
4. Explain a general diet chart followed by you during your summer vacation or tour to any place.

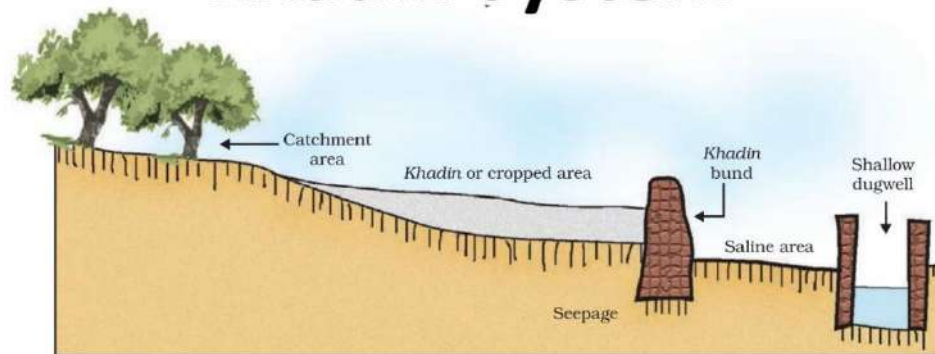
HISTORY & CIVICS

Guidelines:

- The written assignments shall be done in the classwork notebook.
- Use only blue and black pens to write the assignments.
- Index for the assignments must be maintained.

Research Based

Khadin System



Archaeological evidence shows that the practice of water conservation and management is deep rooted in the science of ancient India. Excavations show that the ancient cities had excellent systems of water conservation, harvesting and drainage system. **And ancient water conservation is reviving in India today.**

- I. Collect a detailed information on Khadin System and answer the following questions:
 1. What is another name for Khadin harvesting system?
 2. Where is Khadin System used?
 3. Enlist any three advantages of Khadin harvest system.
- II. Make a clay or thermocol models of stone tools of Neolithic or Chalcolithic Age. Follow the below roll slots for preparing the models
 1. Roll 1 to 20 -Neolithic Tools
 2. Roll 21 onwards – Chalcolithic Tools
- III. Answer the following questions:
 1. The discovery of fire was one of the greatest and most important discoveries of the Palaeolithic Age. Explain
 2. Distinguish between the factory-sites and habitation-cum-factory sites.
 3. On the given physical map of India, show any two Palaeolithic and Mesolithic sites and label them.



GEOGRAPHY

1. Read the source given below and answer the questions that follow:

Water Scarcity signifies the shortage of water, an imbalance between the demand and supply of water, also a good quality of water i.e. portable water.

Water is a very important resource, we use water for almost every activity like drinking, washing, cooking, cleaning, etc. This precious resource is largely getting wasted due to human carelessness and lack of planning and hence we are facing the scarcity of water. According to the United Nations, a person needs a minimum of 50 litres of water per day for his basic needs of hygiene, cooking and drinking. But there is a large population which fails to receive this small quantity of water and hence most of the population is getting affected by water scarcity.

Insufficient intake of water causes kidney problems, constipation, and various mental changes. Blood pressure and heat flow in our body are maintained by water. The usable water present on earth, therefore, needs to be saved in order to live a healthy and sustainable life.

Conservation of water is needed with immediate effect to sustain life on earth. If the scarcity of water increases there will be a point when the survival of human species, Homo sapiens will be under threat. We need to develop habits that emphasize on saving water. Water pollution should be checked as an entire aquatic ecosystem is dependent on this.

This article shows the importance of water in our daily lives. All the living organisms require water for various biological processes and hence water is a necessary element for sustaining life on earth. But water is not the only necessity to sustain life, there is a scarcity of products for living beings.

Based on the given passage, answer the following questions

- a) What do you mean by scarcity of water?
 - b) How does scarcity affect the environment?
 - c) Water is a precious natural resource. Justify.
 - d) State the adverse impact of water scarcity on human life.
 - e) Why is there a need to conserve and manage water resource?
- 2.** Collect pictures of the most important constellations and make a presentation comparing their shapes. Identify the stars and list them in your notebook.
- 3.** Mention briefly the characteristics of Moon and draw the different phases of Moon on a chart paper and label them properly.

Work Education

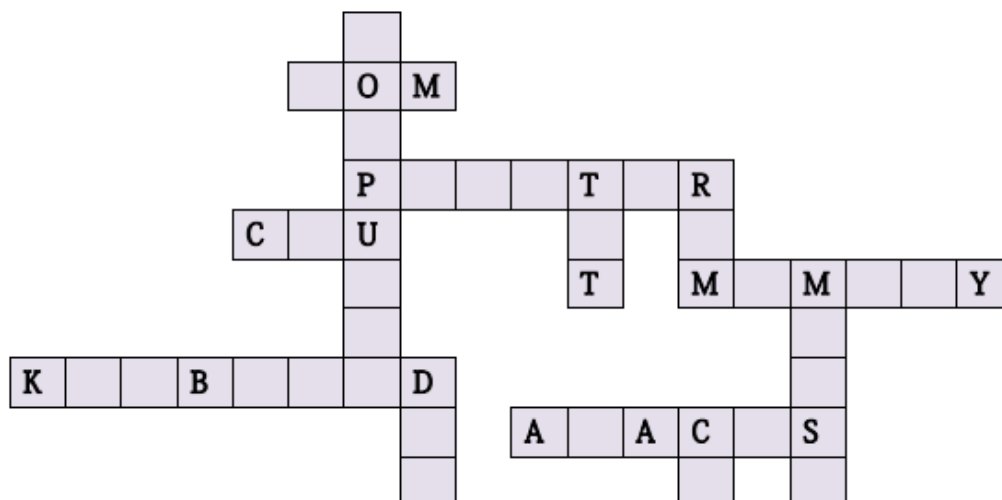
1. Differentiate between Primary memory and Secondary memory.
2. What is the use of Smart card reader?

Case Study:

LOA has been conducted in the classroom for the subject Computer. Teacher has asked the students to enter their details like name, class, roll, chapter name etc. few details are already there on LOA sheet which students can't edit. Students have marked the answers using black ball pen. Teacher has corrected the sheet and provide the marks after 4 days.

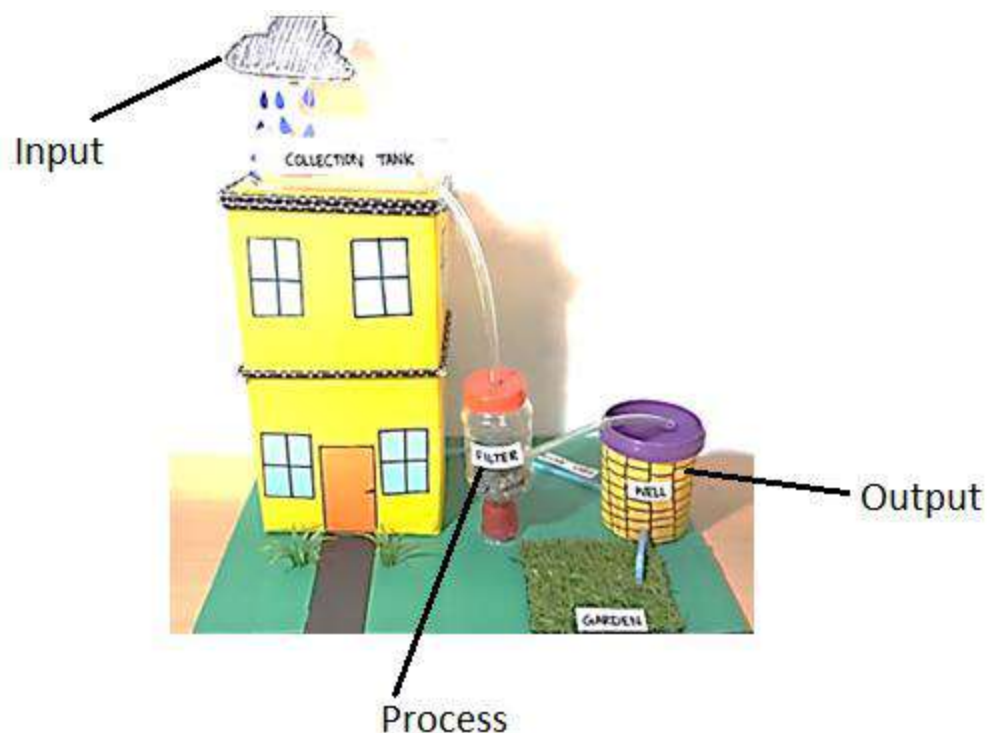
3. Write names of an input device which is an example of OMR sheet.

4. Explain about MICR.
5. Solve the crossword using name of the computer devices.



6. Project
Make a model to show working of computer on theme Water Conservation and Management. Use waste materials to make this model. See link given below for reference.

<https://youtu.be/EpYi4ld-OWg>



Art and Craft

Compose a poster on the topic 'Water Conservation and Management' in a chart paper of 11 × 14 inches. Colour it with oil pastel and sketch pens. The heading must be written on the top paper. It must be outlined on all the four sides.

Physical Education

**** Prepare a project file with following contents:**

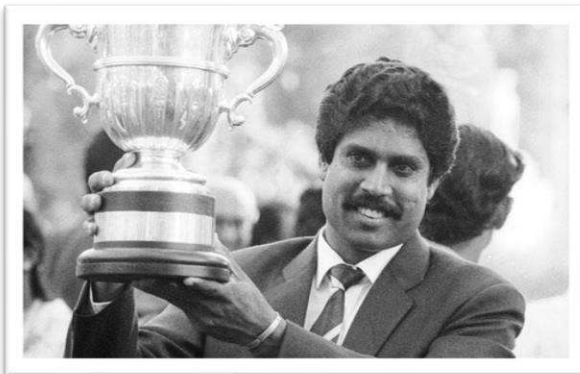
1. Identify the game you have played with your family during summer vacation and explain the game (Within 80 words).



2. Project work - Draw this court with its specifications and color it. (Use half of a chart paper).



3. As a class monitor mention any five duties.
4. Write any five rules of the game you like most.
5. Identify this player and write biography of him.



German

1. Make a vivid collage of German Festival using colourful photos and describe them in few lines.
2. Write about school system in Germany and also make a model of it.
Or
Write about German universities and make a model of any of the Famous Universities.
3. The pets in Germany: write about the love of German towards pets on A2 sheets. (also make a statics table showing which animal hits the chart.)

