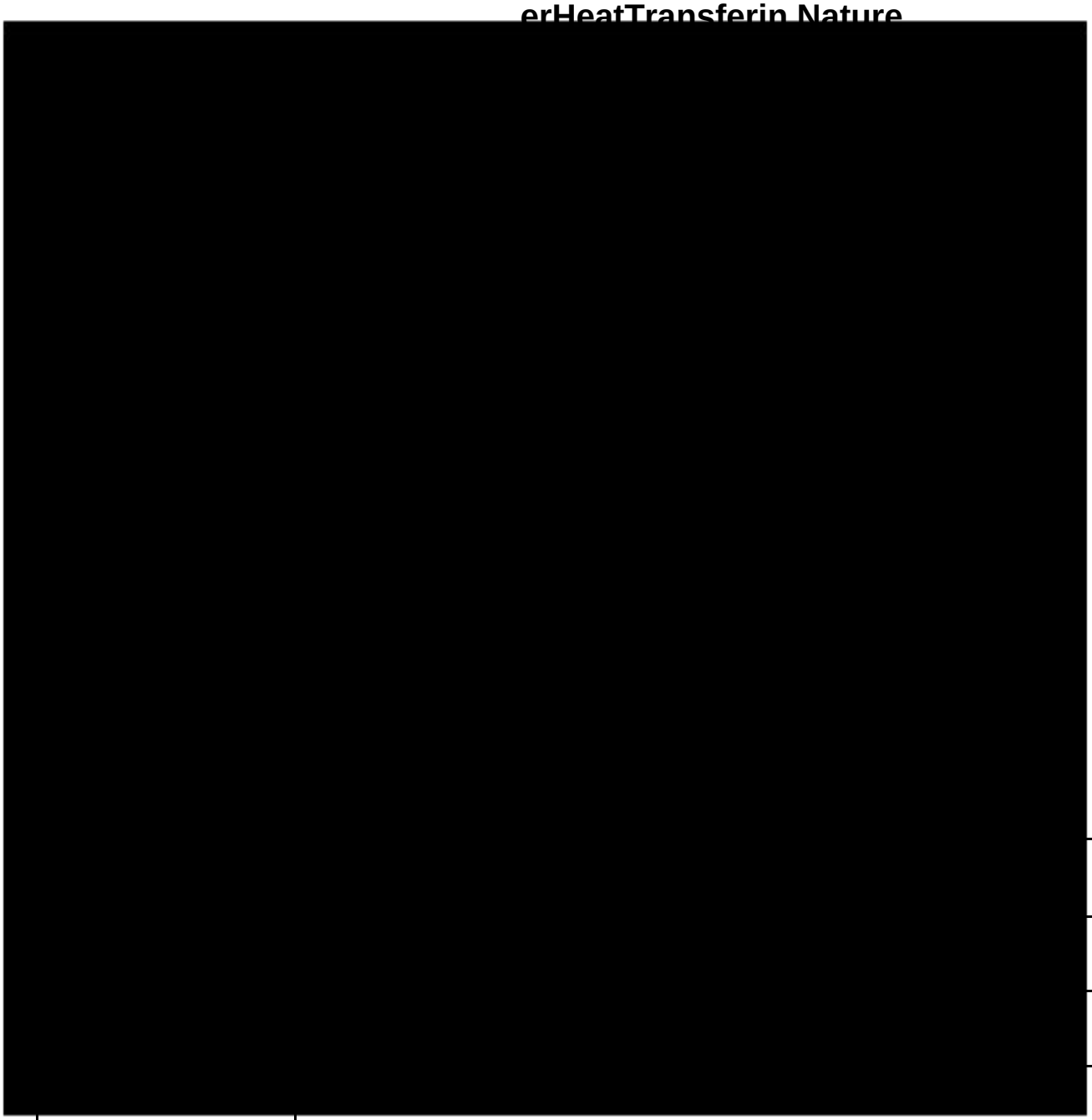
PM shri kv1 Roorkee Subject Art
Holiday Homework for class- 7

Take a cardboard and make a tribal mask with it and use only acrylic colour for paint. for example

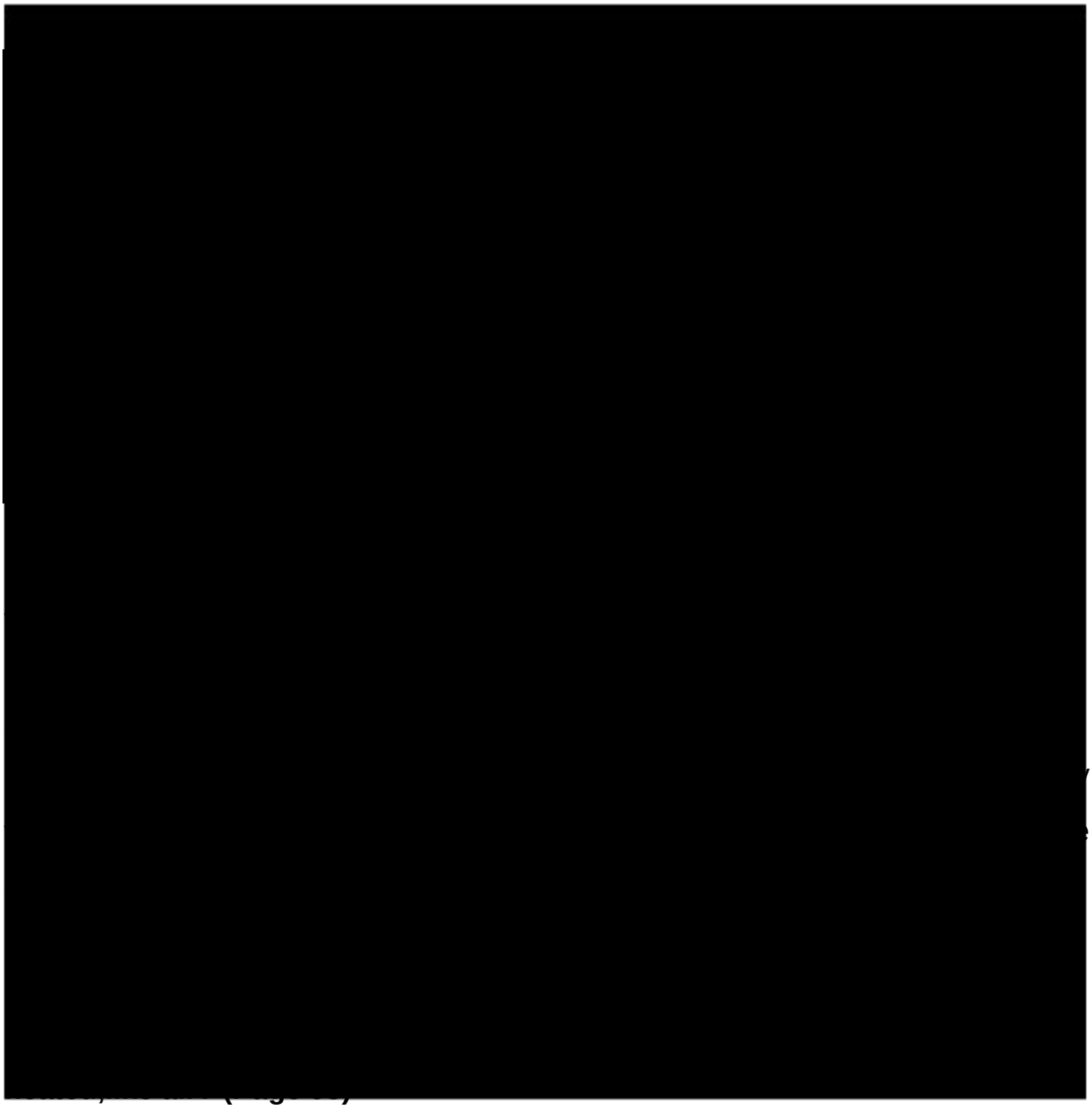


Science Class 7 Chapter7 Question Answ

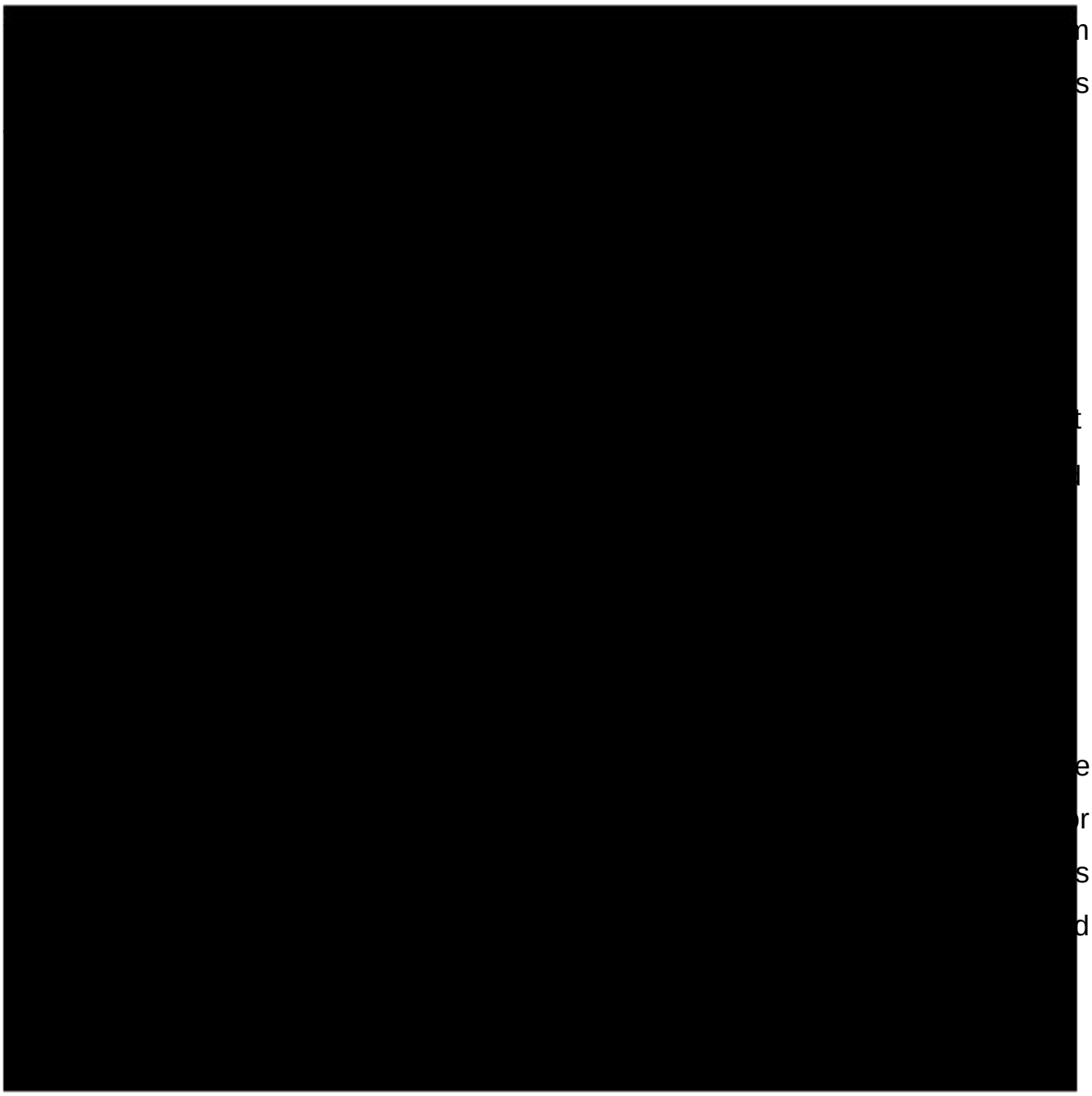
erHeatTransferin Nature



Answ er:

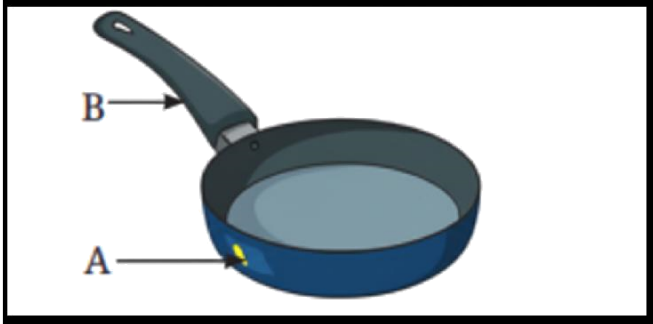


Answ er:W hen water is heated in a container,the water near the bottom warm s up,expands,and becom es less dense,so it m oves upward.As this warm water rises,



Question 1.

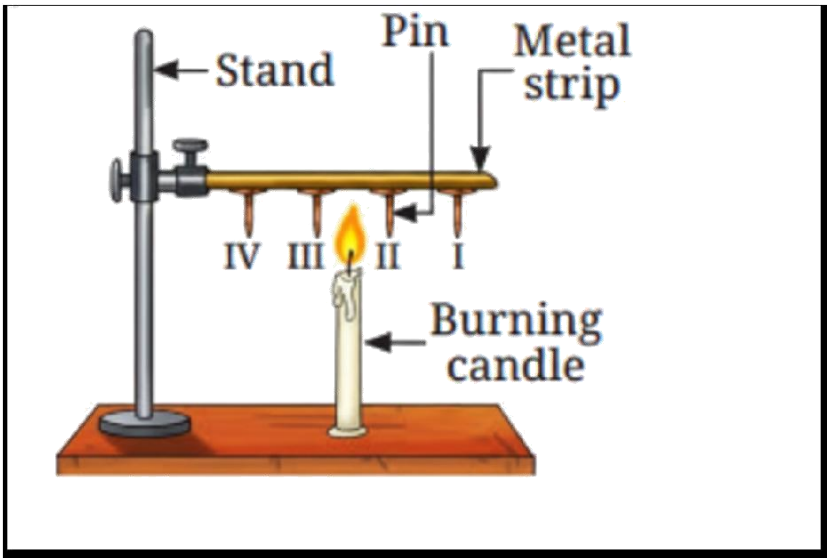
Choose the correctoption in each case.



(b) Pins Iand IIw illfallearlierthan pins IIIand IV

(c) Pins Iand IIw illfalllaterthan pins IIIand IV

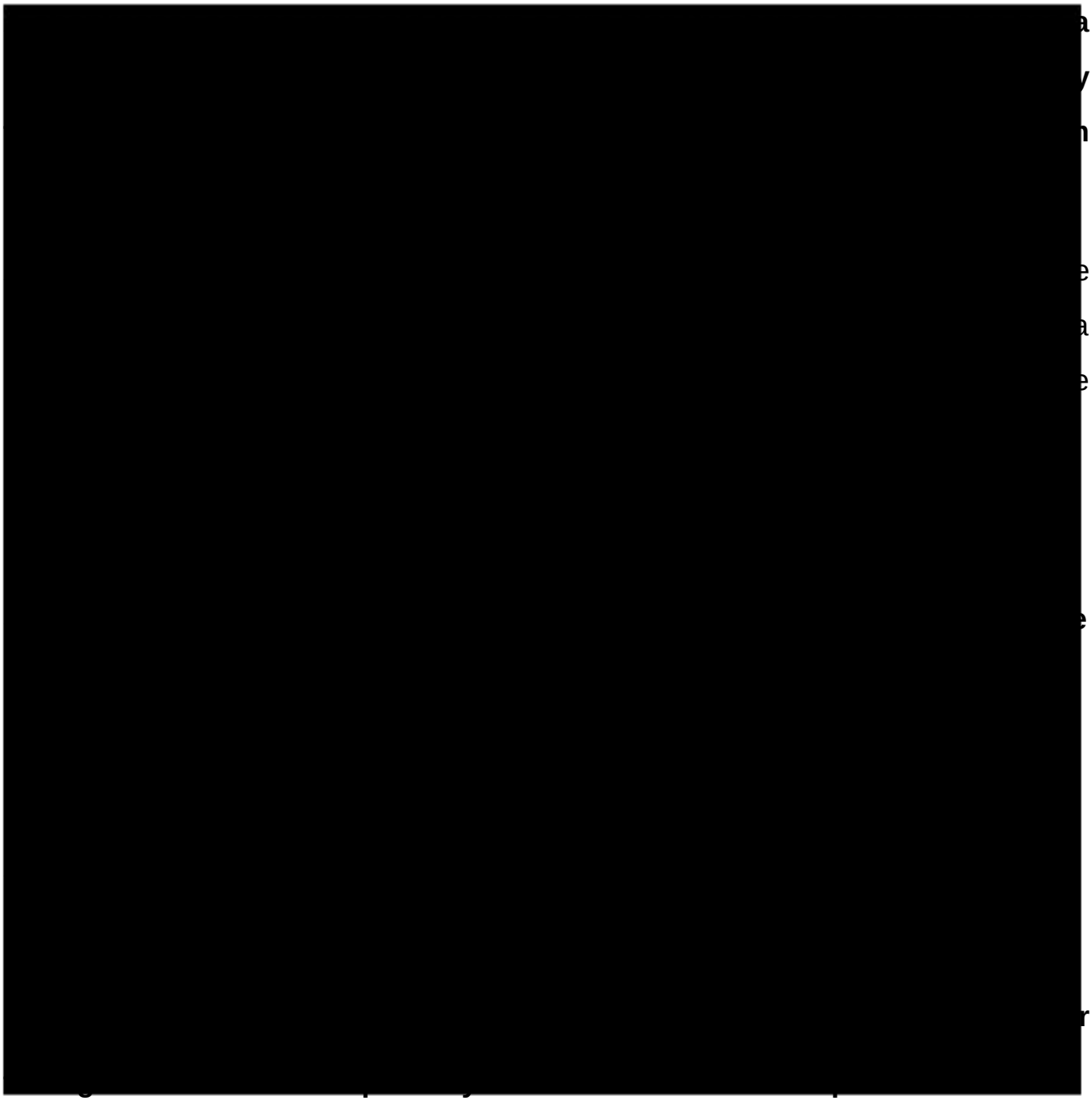
(d) Pins IIand IIIw illfallalm ostatthe sam e tim e



(i) (c) A is a good conductorand B is a poorconductorofheat (ii) (d) Pins

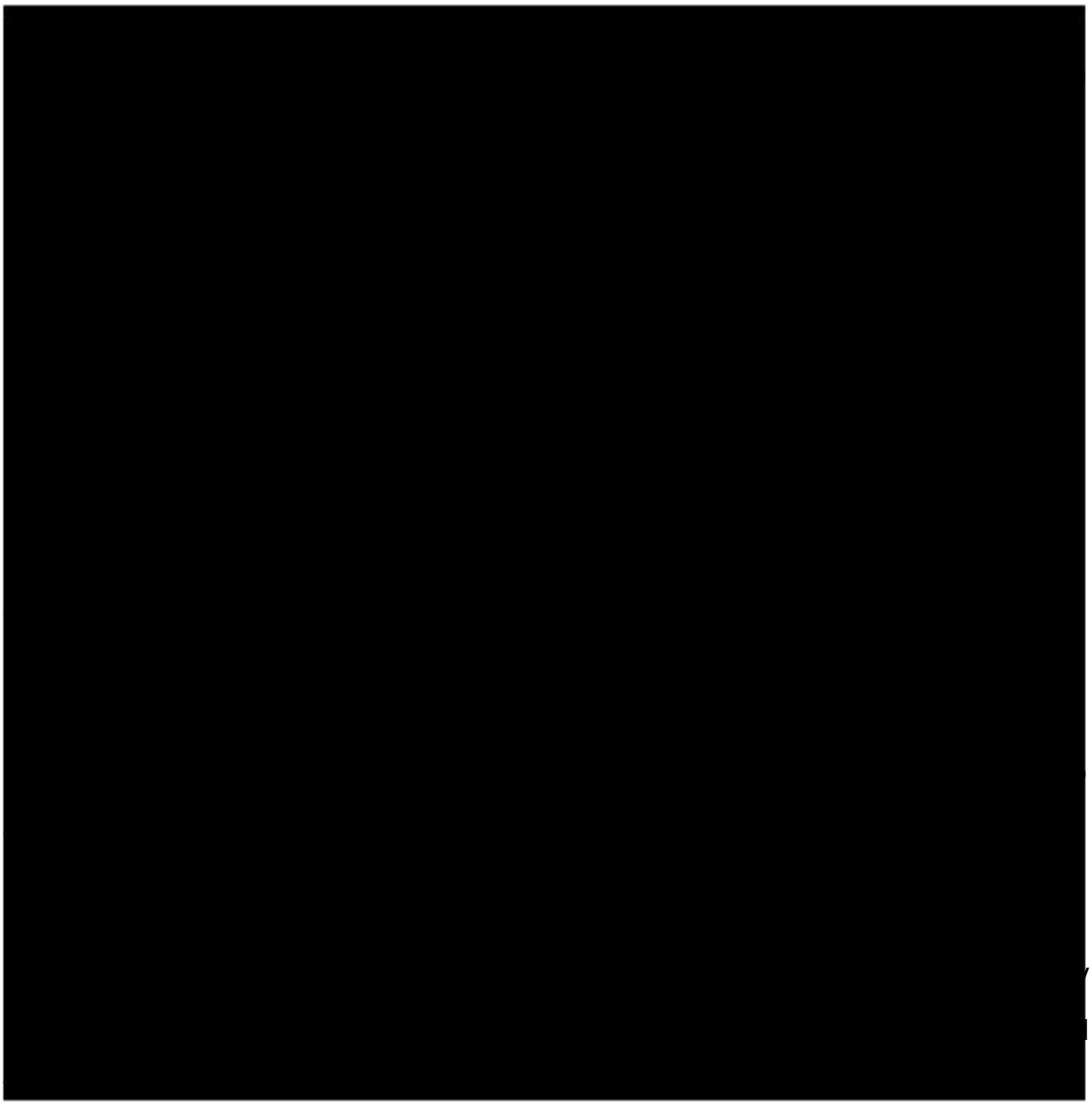
IIand IIIwillfallalm ostatthe sam e tim e (iii) (c) On the ceiling

Question 2.



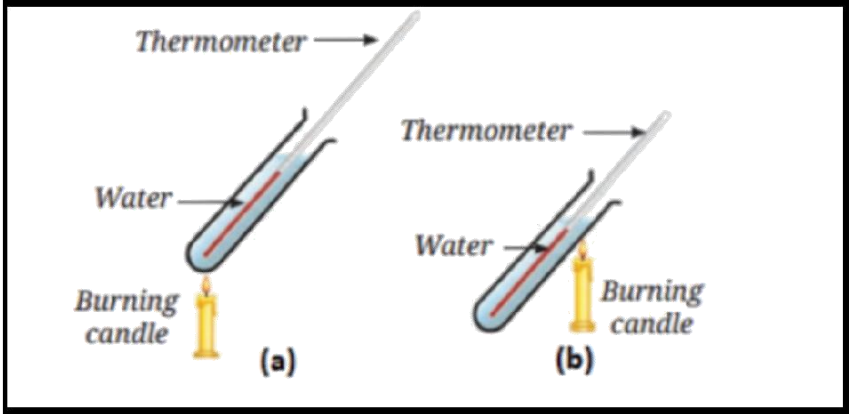
Answ er:

True



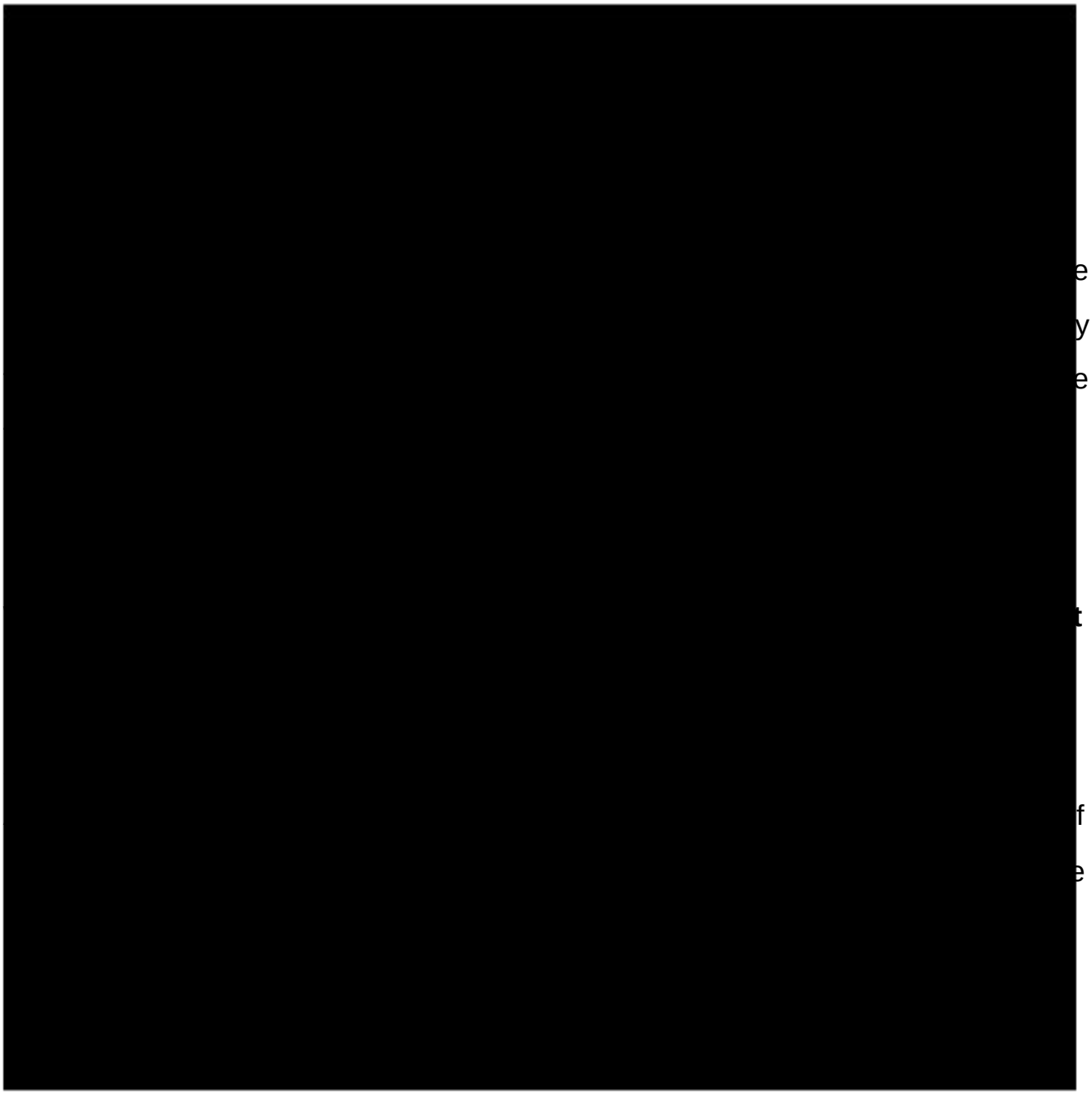
Question 5.

A burning incense stick is fixed,pointing dow nw ards.In w hich direction w ould the sm oke from the incense stick m ove? Show the m ovem ent of sm



Answ er:

In Fig.(a),the candle flam e directly heats the lower part ofthe test tube, while the therm om eter is positioned near the top.The wateratthe bottom warm s first and, on



around them .

Answ er: Large water bodies such as seas and oceans help m oderate the clim ate ofnearby regions.During the daytim e in coastalareas,land heats up m ore quickly



Answ er:

W aterenters the ground by slowly m oving through soiland porous rocks,a process called infiltration. As it seeps downward, the water fills the tiny

spaces and cracks in the soiland rocks,becom ing stored underground as groundwater. The layers of sedim ents and rocks that hold this water in theirpore

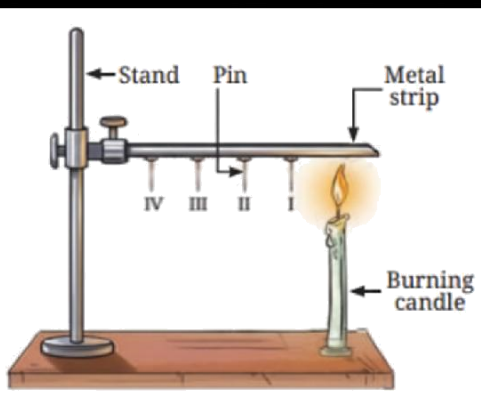
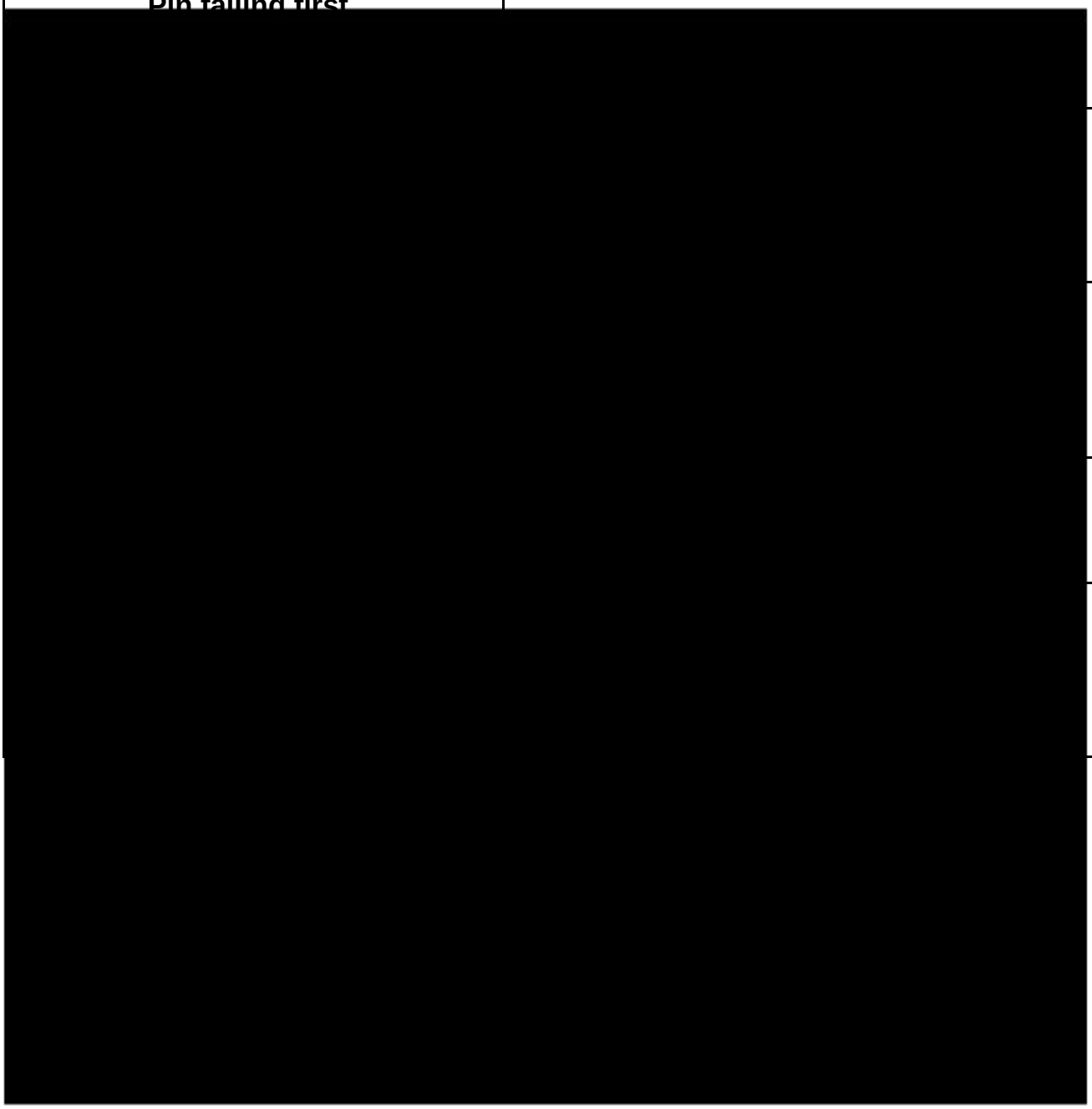
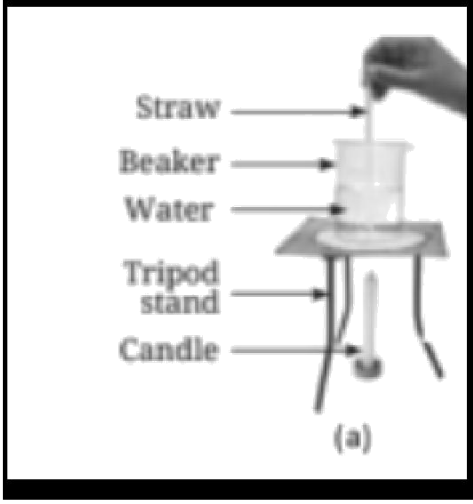


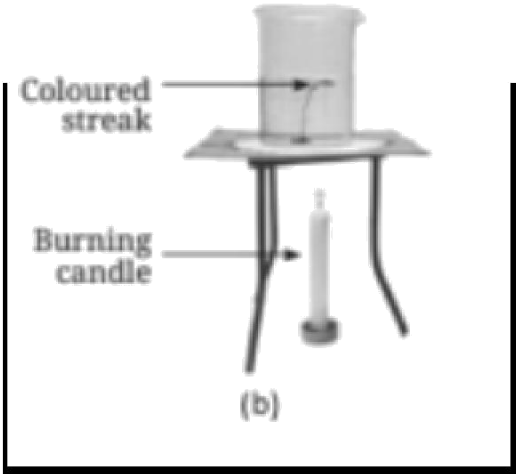
Table 7.1:Falling ofpins

Pin falling first	



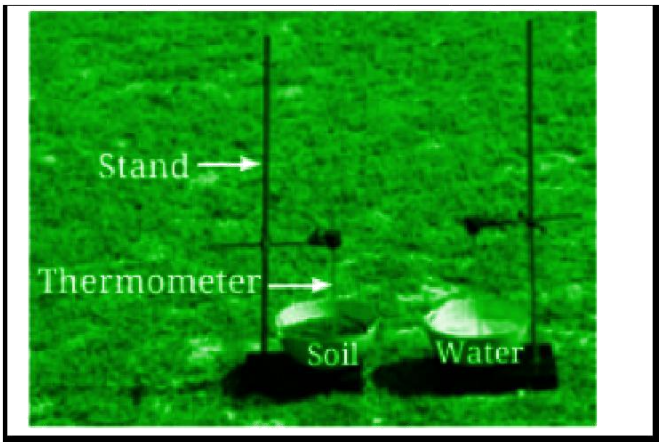

Wooden stick
Thread
Paper cup
Wooden stick
Thread
Paper cup
Burning candle

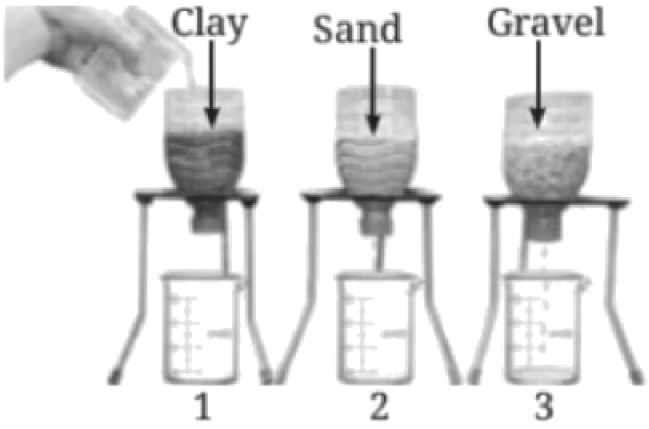

Straw
Beaker
Water
Tripod stand
Candle
(a)



• W ater,like air,is heated through the process ofconvection.

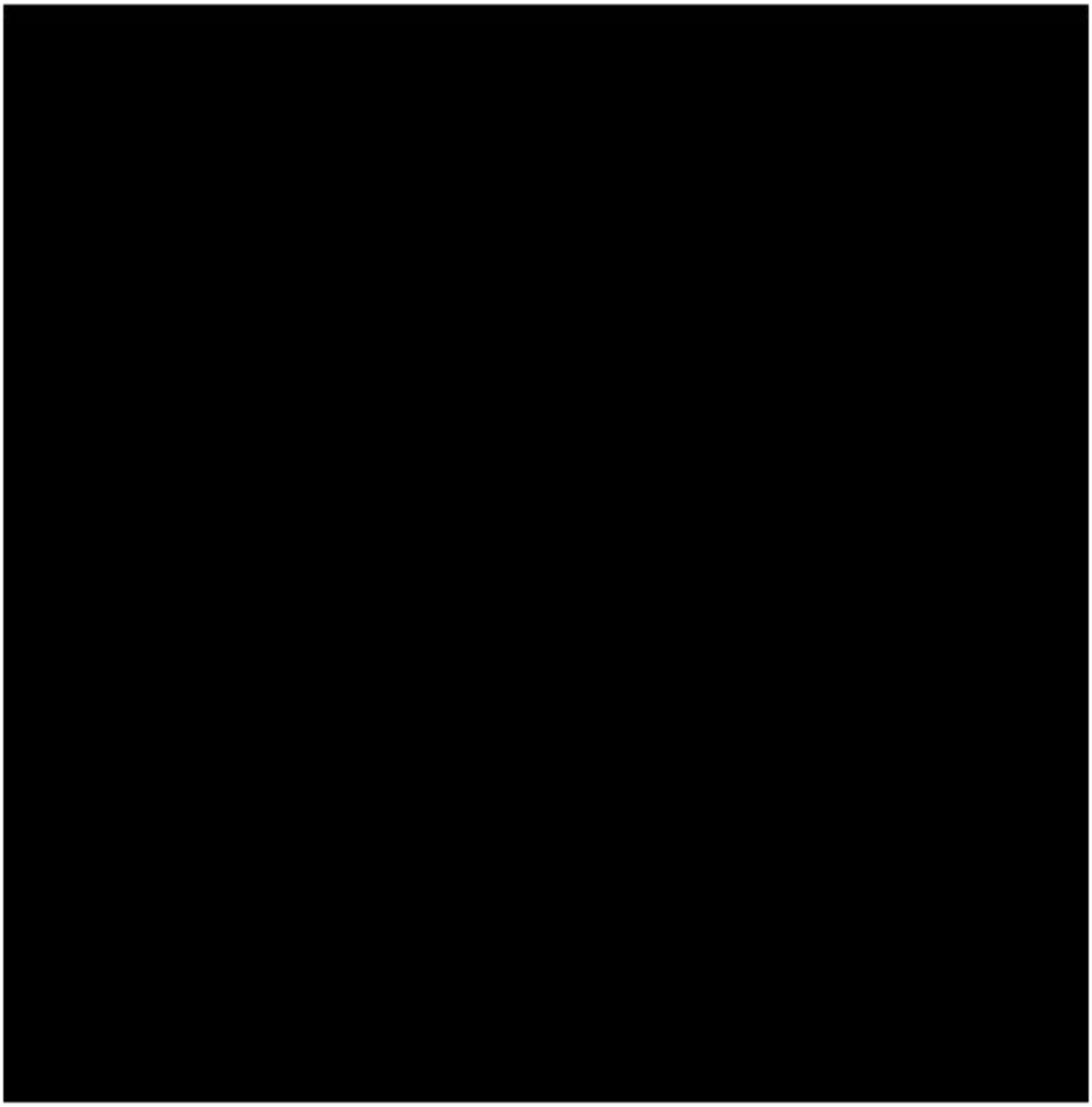
Activity 7.4:LetUs Investigate (Pages 94-95)





Conclusion: The spaces or pores between the particles of gravel are much larger than those in sand and clay.This allows water to pass through the gravel much faster.Clay has the smallest particles and smallest pores,so

water seeps through it the slowest.Sand falls in between.Thus,the flow of water depends on the size of the soil particles and the space between them . Gravel, with



MULTIDISCIPLINARY PROJECT (MDP)

SCIENCE – CLASS VII-A

Topic: WATER

Name: _____ Roll No.: _____

Project Title: Water – A Precious Natural Resource

Water is essential for all living organisms. We use it for drinking, cooking, cleaning, agriculture and many other activities. Fresh water is limited, so it is important to conserve water and prevent its wastage and pollution.

Science Activities

1. Sources of Water: List five sources of water and classify them as surface water or groundwater wherever applicable.

2. Water Cycle: Draw a neat, labelled diagram of the water cycle. Write one sentence each about evaporation, condensation and precipitation.

3. Water Conservation: Write five practical ways to save water at home or school.

4. Water Pollution: Mention three causes of water pollution and suggest one way to prevent each cause.

5. Observe and Record: Observe water use at home for one day. Record three activities that use water and suggest one way to reduce wastage.

6. Think and Answer: What may happen to plants, animals and humans if clean water becomes scarce? Write 4–5 sentences.

Instructions

• Complete the work neatly in your notebook or on A4 sheets.
• Draw and label diagrams clearly.
• Write answers in your own words.

Self-Check

Criteria	Done
I completed all Science activities	■
My water-cycle diagram is labelled	■
I included ideas for conservation and pollution prevention	■
My work is neat and written in my own words	■

LEARNERS' DIARY

Class VII-A – Science | Autumn Break

Name: _____ Date: _____

Reflect on what you learned while completing the Science project. Write honestly and in your own words.

1. What I learned

Write three new things you learned about water.

_____

_____

2. My favourite activity

Which Science activity did you enjoy the most? Why?

_____

_____

3. A question I still have

Write one question about water, the water cycle or water conservation.

_____

_____

4. Connecting learning to life

Mention two ways water is used in your home or school.

_____

_____

5. My contribution

Write one promise you will follow to save water.

_____

_____

6. Self-assessment

Tick one: ■ I completed the work independently. ■ I needed a little help. ■ I needed a lot of help.

My overall feeling about this project: ■ Very happy ■ Happy ■ It was challenging

Parent/Guardian's signature: _____

Class 7 Science Worksheet: Heat Transfer in Nature

Worksheet details

Section A: Short answer questions (2 marks each)

7. What is conduction? Give one example from daily life.
8. Differentiate between a conductor and an insulator of heat. Give one example of each.
9. How does heat from the Sun reach the Earth? Why does this mode not need any medium?
10. Cooking pans are made of metal, but their handles are made of wood or plastic. Why?
11. Why do we prefer to wear light-coloured clothes in summer?
12. What is a sea breeze? At what time of the day does it blow?
13. The heating element of an electric water heater (immersion rod) is placed near the bottom of the bucket. Give a reason.

Section B: Short answer questions (3 marks each)

8, Describe an activity to show that heat travels through a metal rod by conduction. Mention what you observe and what it shows.

- Water in a beaker is heated from below with a few crystals of potassium permanganate at the bottom. Draw a labelled diagram of thecolour movement and explain it using convection currents.
- Explain how a land breeze is formed at night. Why does its direction differ from that of a sea breeze?

Section C: Competency-based (CCT) questions

Case study 1 (4 marks): A day at the beach

On a May afternoon, Arjun's class visited Marina Beach in Chennai. The sand was too hot to walk on barefoot, yet the sea water felt cool. A pleasant breeze blew from the sea towards the shore. Late at night, the watchman at the beach told them the breeze blows the other way after midnight.

11, (a) Why was the sand much hotter than the sea water in the afternoon? (1) (b) Name the breeze blowing in the afternoon and state its direction. (1) (c) Name the breeze at night. Explain how the reversal of direction happens. (2)

Case study 2 (4 marks): In the kitchen

Priya stirred hot dal with a steel ladle. After a few minutes, the handle became too hot to hold, but her wooden spoon stayed cool. She also noticed steam rising above the pot and felt warmth on her face when she stood near the flame, without touching anything.

12, (a) Name the mode by which heat reached the handle of the steel ladle. (1)

(b) Why did the wooden spoon remain cool? (1)

(c) Name the mode by which Priya felt warmth on her face. Why can it not be conduction or convection? (1)

(d) Suggest one safe way to stir hot food with a steel ladle. (1)

PM SHRI KENDRIYA VIDYALAYA NO. 1, ROORKEE

Learn Practice Grow

AUTUMN BREAK ASSIGNMENT

Small Steps Big Dreams

CLASS VII | ENGLISH | SESSION 2026 – 27

1 SUBJECT – VERB AGREEMENT

Do the following questions. Choose the correct option (A, B, C or D).

1. Neither the boy nor his friends _____ ready for the competition.
   (A) are (B) is (C) am (D) be
2. The list of books _____ on the table.
3. Each of the students _____ given a prize.
   (A) are (B) is (C) was (D) were

(You can also add 5 more easy questions from your grammar book.)

Good Grammar Builds Good Communication

2 NOTICE WRITING

Write a notice in about 50 words on any ONE topic given below:

- Inter-House Quiz Competition

Include the following in your notice:
name of the issuing authority, date, heading, content and signature.

Notice = Inform + Connect

3 LETTER WRITING

Write any ONE letter in 120–150 words.

(a) To your friend describing your favourite season and why you like it.

(b) To the Editor of a newspaper expressing your views on "Save Water, Save Life".

(c) To the Principal of your school requesting for a week's leave due to a family function.

Follow the correct format and use suitable language.

Good Letters Build Good Connection

4 NCERT ENGLISH (POORVI)

Read and answer the questions from your English textbook (Poorvi) up to the chapter "North East West South".

Answer the following questions (any 5):

1. What is the main theme of the chapter "North East West South"?
2. How do the people of the four directions describe [illegible]?
3. What does the chapter teach us about unity in diversity?
4. Which part of the chapter did you like the most? Why?
5. What values can we learn from this chapter in our daily life?

Read Think Answer

5 MDP – WATER CONSERVATION

Prepare a Multi-Disciplinary Project (MDP) on the topic "Water Conservation".

Include the following:

- Cover page with title and your name
- Introduction (importance of water conservation)
- Main content (causes of water wastage, methods of conservation, role of individuals)
- Conclusion
- Bibliography (if any)

Make it creative, colourful and informative (10–12 pages, handmade or digital).

Save Water Save Life

6 LEARNER'S DIARY

Maintain a Learner's Diary on the topic "Water Conservation".

Include the following:

- Daily/weekly learning (facts, observations, new words, etc.)
- Your thoughts and feelings
- What you did to save water (small actions)
- Drawings / creative ideas / slogans

Save Water For a Better Tomorrow

GENERAL INSTRUCTIONS

- ✓ Do your work neatly in a separate notebook / file.
- ✓ Use your own handwriting. No copying from others.
- ✓ Ensure correct spelling, grammar and punctuation.
- ✓ Keep the work original and creative.

SUBMISSION

First working day after the autumn break.

Save Water ♥ Save Nature ♥ Secure Our Future

Data-based question (4 marks)

13. Rods of equal length and thickness, made of different materials, were heated at one end. A drop of wax was fixed at the other end of each rod. The time taken for the wax to melt is given below.

Rod	Material	Time for wax to melt
P	Copper	25 seconds
Q	Aluminium	30 seconds
R	Iron	55 seconds
S	Wood	Did not melt in 10 minutes

(a) Which rod is the best conductor of heat? (1)

(b) Which rod is an insulator? (1)

(c) Arrange the metals in decreasing order of their ability to conduct heat. (1)

(d) Which material would you choose for the base of a cooking pan and which for its handle? Give a reason. (1)

तत त्वं पूषन अपावृणु

PM SHRI KENDRIYA VIDYALAYA NO. 1, ROORKEE

Learn Practice Grow ♥

AUTUMN BREAK ASSIGNMENT

Small Steps ♥ Big Dreams ♥

CLASS VII | ENGLISH | SESSION 2026 – 27

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   (A) are (B) is (C) was (D) were

(You can also add 5 more easy questions from your grammar book.)

Good Grammar Builds Good Communication ♥

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- Annual Sports Day
- Cleanliness Drive in School
- Inter-House Quiz Competition
- Lost and Found (Mobile Phone)

Notice = Inform + Connect

Include the following in your notice:
name of the issuing authority, date, heading, content and signature.

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Write any ONE letter in 120–150 words:

(a) To your friend describing your favourite season and why you like it.

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First working day after the autumn break.

Save Water ♥ Save Nature ♥ Secure Our Future

PM SHRI KENDRIYA VIDYALAYA NO. 1, ROORKEE

AUTUMN BREAK HOLIDAY HOMEWORK WORKSHEET Class: VII

Subject: Social Science 15.10.26 and 16.10 26 do all the questions of chapter understanding market

Question of understanding market

17.10.26 &18.10.26

Worksheet.1 competency based questions

14. Have you observe any shop in your community or neighbourhood?

15. Describe weekly market as a drawing or short paragraph.

16. Write the difference between weekly market and Mall.

19& 20.10.2026 Second book

What are the main characteristics of Indian agriculture?

And practice all Indian states and their capitals

21 to 25.10.26 MDP

Weather and climate

शरद कालीन अवकाश गृहकार्य कक्षा7

नोट:

*** सभीप्रश्नोंकेउत्तरललिए।**

***लेि◌ंऔरदरसृजनात्मकहोनाचावहए।**

1- वनम्नललितववषर्◌ो◌ंपरलगभग120 शब्दोंमेंअन च्छेदललिए। क)

स्वच्छताअभभर्◌ान ि◌) मोबाइलकेाभऔर हावनर्◌ा◌ं

2- अपनीवकसीमनपसिंर्◌ात्रादकेबारेमबतातेंहुएअपनेवमत्रकोपत्रललिए। 3-

पृथ्वी,गिं,बादलगा,पहाड़,फूल,माताकेतीन-तीनपर्◌ावार्चीललिए। 4-पढाईगईपाठोंमेंसेपांचम

हावरेि◌ंोजकरअपनेवाक्योंमेंप्रर्◌ोगकीजजए 5-दोपेजस ि◌ंलेि◌दरमेंस लेि◌कीजजए।

ववषर्जशक्षक केसीससिं ह

प्रजशजक्षतस्नातकजशक्षकहहिं दी

PM SHRI KENDRIYA VIDYALAYA No1

AUTUMN BREAK HOLIDAY HOMEWORK

Class: VII , Subject: Social Science (Geography)

Chapter: The Story of Indian Farming

Day 1: Introduction to Farming

17. What is agriculture?
18. Draw and colour a picture of a farmer working in a field.

Day 2: Types of Farming

- What is subsistence farming?
- What is commercial farming?

Day 3: Agricultural Practices

b What is ploughing?

c Draw and label any two agricultural tools.

Day 4: Map Work

1. Mark and label Punjab, Uttar Pradesh, Maharashtra and West Bengal on an outline map of India.
2. Write the names of any two states where rice is grown.

Day 5: Modern Farming

1. Name two modern machines used in agriculture.
2. Draw and label a tractor.

Day 6: Stages of Farming

1. What is sowing? What is harvesting?
2. Draw a flowchart showing the main stages of farm Harvesting.

Day 7: Irrigation

1. What is irrigation? Name one source of irrigation.
2. Draw a simple diagram of a field being irrigated through a canal or sprinkler.

Day 8: Farmers and Their Challenges

1. How does a lack of rainfall affect farmers?
2. Make a poster on “Save Water, Save Agriculture.”

Day 9: Sustainable Farming

1. What is organic farming?
2. Write two ways to conserve water in agriculture.

Day 10: Creative Activity

1. Why is farming important for India?
2. Draw a colourful picture titled “Indian Farming: