

WELCOME TO THE ONLINE CLASS

SESSION NO: 6

CLASS: 4

SUBJECT: SCIENCE

CHAPTER NUMBER: 10 & 12

**CHAPTER NAME: FORCE, WORK AND ENERGY & AIR, WATER
AND WEATHER**

**SUB TOPIC: REVISION TEST-2 DO AS DIRECTED & ANSWER THE
FOLLOWING QUESTIONS**

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE

To enable the learner to:

- **evaluate themselves**

REVISION TEST- 2 DO AS DIRECTED [1x5=5M]

1. Various tools use _____ force to do work. [Fill in the blank]
2. Water vapour changing into water on cooling is known as evaporation.
[Correct the underlined word and rewrite the sentence]
3. A screw/ wedge / pulley is a machine which looks like a nail with grooves cut into it. [Choose the correct answer]
4. Filtration is the process of purifying impure liquid by straining. [True/ False]
5. Woodcutter's axe: _____:: Screwdriver: wheel and axle [Complete the series]

REVISION TEST- 2 ANSWER THE FOLLOWING QUESTIONS

Q1. When do we say that work is done? [2M]

Q2. List out the different effects of force on an object. [3M]

Q3. What is land breeze and how does it occur? [5M]

Q4. Write a short notes on underground water. [5M]



ANSWER

REVISION TEST- 2 DO AS DIRECTED [1x5=5M]

1. Various tools use mechanical force to do work. [Fill in the blank]
2. Water vapour changing into water on cooling is known as evaporation. [Correct the underlined word and rewrite the sentence]

Ans: Water vapour changing into water on cooling is known as condensation.

3. A screw/ wedge / pulley is a machine which looks like a nail with grooves cut into it. [Choose the correct answer] **Screw**
4. Filtration is the process of purifying impure liquid by straining. [True/ False]
True
5. Woodcutter's axe: Wedge :: Screwdriver: wheel and axle [Complete the series]

REVISION TEST- 2 ANSWER THE FOLLOWING QUESTIONS

Q1. When do we say that work is done? [2M]

Ans: When a body moves through a distance after applying force, work is said to be done.

Q2. List out the different effects of force on an object. [3M]

Ans: Different effects of force are:

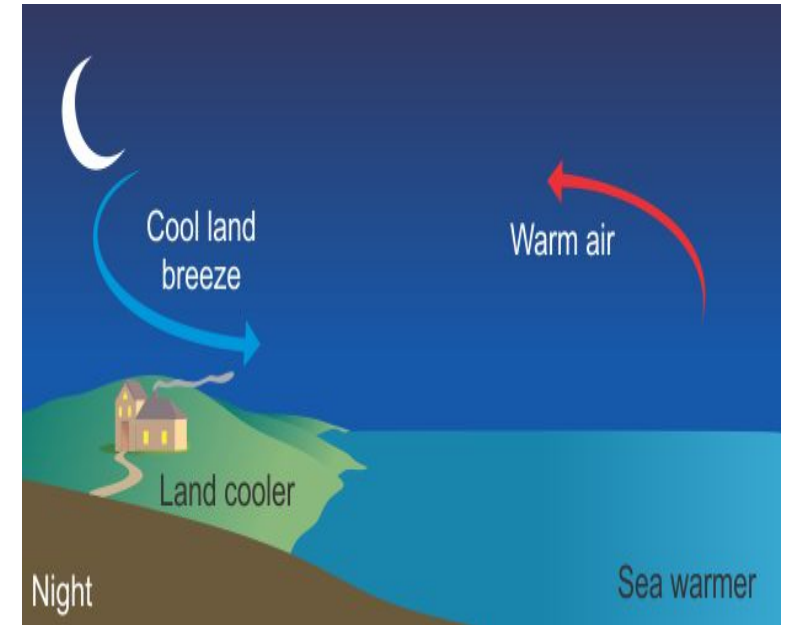
- a) Force can move a resting object.**
- b) Force can change the direction of the moving object.**
- c) Force can change the shape of an object.**
- d) Force can stop a moving object.**

REVISION TEST- 2 ANSWER THE FOLLOWING QUESTIONS

Q3. What is land breeze and how does it occur? [5M]

Ans: The breeze blowing from land towards the sea is known as land breeze. It occurs during night time.

- **At night, the land cools down faster than the sea.**
- **So the sea is warmer than the land.**
- **The hot air above the sea rises up.**
- **The cooler air from the land blows towards the sea to take its place.**



REVISION TEST- 2 ANSWER THE FOLLOWING QUESTIONS

Q4. Write a short notes on an underground water. [5M]

Ans: Underground water is the water found beneath the earth's surface in the cracks and spaces in soil, sand and rock.

- Water that falls as rain and the water that we throw away goes down into the ground.**
- It seeps through the topsoil, the subsoil and porous rocks.**
- It finally settles below the porous rocks as it can not be passed through non-porous rocks.**
- So, there is a large storage of underground water.**

HOMework

- **Learn Ch- 5, 6, 10, 11 & 12**

LEARNING OUTCOME

The learner will be able to :

- **recall the previous concept**

THANKING YOU
ODM EDUCATIONAL GROUP