

# Mechanical and Bouyant Force

## 1. Answer the following questions:

A. What is Mechanical Force?

---

---

B. What is Buoyant Force?

---

---

C. Write one example of Buoyant Force?

---

---

D. Write one example of Buoyant Force?

---

---

E. How do things float on water?

---

---

**2. Fill in the blanks:-**

- A. \_\_\_\_\_ uses mechanical force to beat something.
- B. \_\_\_\_\_ force is a force used by machines.
- C. \_\_\_\_\_ force applies an upward push to any object on the surface of water.
- D. \_\_\_\_\_ force acts on all the bodies, even on human beings.
- E. Buoyant force helps you \_\_\_\_\_ on the surface of water.

**3. Write True or False:-**

- A. If an object is heavy enough to counteract the buoyant force, it sinks down.
- B. Electrostatic force is also a type of force.
- C. Magnetic force is not a force.
- D. Floating ball on the surface of water is a mechanical force.
- E. Human can float on water.

**4. Draw a diagram showing Buoyant force and Mechanical force.**

