

## Surface tension boat

**Question 11: The most important feature of the rocket boat is the**

- a) comparative difference between its length and width.
- b) relationship between the hole and the width of the slot.
- c) critical angle of the nose and its distance from the hole.
- d) quality of the cardboard and the quality of the detergent.

**Question 12: Surface tension refers to**

- a) the effect of detergent in drain water.
- b) the reason why cardboard boats float.
- c) experiments that involve floating in different liquids.
- d) the characteristic of surface water molecules to stick together.

**Question 13: The rocket boat is most important as a**

- a) science experiment.
- b) much sought after toy.
- c) model boat for competitive racing.
- d) fuel-efficient and water-efficient apparatus.

**Question 14: What has to be done before the rocket boat can be given a second run?**

- a) The cardboard has to be dried.
- b) The sink has to be refilled with clean water.
- c) The used water must be disposed of safely.
- d) Detergent has to be removed from the rear slot.

**Question 15: Making the surface tension boat could be best described as**

- a) complicated and wearisome.
- b) time consuming and unfulfilling.
- c) inexpensive and undemanding.
- d) hazardous and temporary.