



# INDIAN SCHOOL NIZWA - WORKSHEET

Science		
Chapter – 10 Air and Water & Chapter – 11 Earth, Sun & Moon		
Name: _____	Date: _____	Class:    Sec: ____

**I) Choose the correct answer from the options given.**

- Which of the following is the most abundant gas in air?  
(a) Oxygen                      (b) Nitrogen                      (c) Carbon dioxide                      (d) Argon
- Jet planes fly in the ----- layer of the atmosphere.  
(a) Stratosphere                      (b) Troposphere                      (c) Mesosphere
- Adding ----- will help to increase the rate of sedimentation.  
(a) chlorine                      (b) sand                      (c) alum                      (d) salt
- The ----- layer protects us from the harmful UV rays of the sun.  
(a) oxygen                      (b) nitrogen                      (c) ozone
- is the simplest way to purify the water.  
(a) Boiling                      (b) Filtration                      (c) Distillation
- All planets revolve around the sun in fixed path called -----  
(a) orbit                      (b) satellite                      (c) atmosphere
- Which of the following layers of the Earth contains everything essential for life?  
(a) Crust                      (b) Mantle                      (c) Core

**II) Fill in the blanks.**

- The thick layer of air that surrounds the earth is called -----.
- is used by plants to make their food by photosynthesis.
- water is used in car batteries, science experiments and medicines.
- Air contains ----- % of oxygen
- The thin layer of the atmosphere around the sun is called -----
- Deep holes on the surface of the moon is called -----



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14. The -----mission is India's first spacecraft to be sent to the moon.

### III) Give reason.

16. Why do we not use distilled water for drinking though it is the purest form?

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17. Why is the ozone layer important for us?

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18. Why can't we drink ocean water?

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19. Why do you think mountaineers carry oxygen cylinders with them while climbing high mountains?

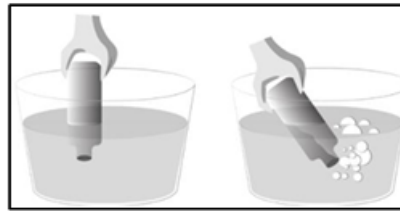
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## IV) Answer the following.

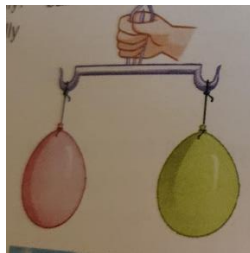
20. A student experiments to show the presence of air. He takes an empty bottle and dips in a bucket of water in two different positions, one by one, as shown. Based on the experiment, what can be concluded?



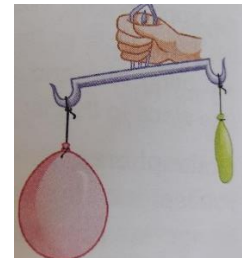
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21.

(a)



(b)



Observe the above two pictures and write down your conclusion

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22. We can easily lift objects on Moon which are too heavy to lift on Earth. Why?

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23. We cannot hear sound on Moon. Why?

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24.



Observe the above picture. Why the card does not fall and the water remains in the glass?

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