



Name: \_\_\_\_\_ Class: \_\_\_\_\_ Class no.: \_\_\_\_\_ Date: \_\_\_\_\_

**A. Please circle the correct answers according to the exhibition in Tai Mo Shan Country Park Visitor Centre.**





1. Water vapor is one of the greenhouse gases. ✓ / ✗
2. Greenhouse gas is harmful to the Earth. ✓ / ✗
3. Greenhouse effect is a natural phenomenon. ✓ / ✗
4. Human activity is not one of the causes of climate change. ✓ / ✗
5. Animal husbandry causes an increase in greenhouse gas emissions. ✓ / ✗
6. Cows release greenhouse gases. ✓ / ✗
7. Global warming causes sea water to expand, which leads the sea level rise. ✓ / ✗
8. The Kyoto Protocol is an international agreement imposing limits on greenhouse gas emissions. ✓ / ✗
9. Drought, heat wave and heavy rainfall can be classified as extreme weather. ✓ / ✗
10. Stevenson Screen is an instrument to measure rainfall. ✓ / ✗
11. The Arctic, the Antarctic and Mount Everest are named as Grand Trio. ✓ / ✗
12. Penguins can be found in the Arctic. ✓ / ✗
13. The Xuelong is China's first icebreaker. ✓ / ✗
14. Use public transport rather than private car can reduce carbon emissions. ✓ / ✗
15. Keep electric appliances on standby mode can save electricity. ✓ / ✗
16. The highest peak of Hong Kong is Lantau Peak. ✓ / ✗
17. The height of Tai Mo Shan is 957 metres. ✓ / ✗
18. There is a weather radar station on top of Tai Mo Shan. ✓ / ✗

♥ I like the air / plants / animals / scenery / hiking trails in country park most.







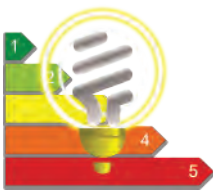





## B. Meteorological Instruments

- (A) Balloon                      (B) Stevenson screen                      (C) Radiosonde  
(D) Tipping Bucket Rain-gauge      (E) Bimetallic Thermo-hygrograph

	<p>This is a ___. It can measure the inconsecutive rainfall increment in the Automatic Weather Station .</p>
	<p>This is a ___. It can protect the thermometer from direct exposure to sunlight and rain-drop. It can also maintain adequate ventilation around the thermometer.</p>
	<p>This is a _____. It can simultaneously and continuously measures the temperature and t relative humidity. It will print out the data recorded on a graph.</p>
	<p>This is a ___ with ___. It can measure the wind direction and speed, temperature, humidity and atmospheric pressure at different levels. All data recorded will transmit back to ground for weather analysis and forecasting as well as to provide weather information for the Hong Kong International Airport and the aeroplanes in Hong Kong's nearby regions.</p>

**C. Which of the following behaviors can help to reduce greenhouse gas emissions?**

 <p>Adjust the air-conditioned temperature to 18°C.</p> <input type="checkbox"/>	 <p>Adjust the air-conditioned temperature to 25.5°C.</p> <input type="checkbox"/>
 <p>Switch off electric appliances when not in use.</p> <input type="checkbox"/>	 <p>Leave electric appliances on standby mode.</p> <input type="checkbox"/>
 <p>Use low-flow showerhead.</p> <input type="checkbox"/>	 <p>Bathing.</p> <input type="checkbox"/>
 <p>Use light bulbs with energy labels.</p> <input type="checkbox"/>	 <p>Use light bulbs with no energy labels.</p> <input type="checkbox"/>
 <p>Drive private cars.</p> <input type="checkbox"/>	 <p>Use public transport.</p> <input type="checkbox"/>