1. Look at the picture below.

a) Write down three living things you can see in the picture.

i. ____________  ii. ____________  iii. ____________  (3 marks)

b) Plants need water to survive.
   Water is a basic need.
   Name two other basic needs of plants.

i. ____________________  ii. ____________________  (2 marks)
c) Plants and animals form part of a food chain.
   Write the words in the correct order to form a food chain.

   small fish → sun → shark → seaweed

   (2 marks)

2. The bar chart below shows the force used to pull a toy car on different surfaces.

   ![Force chart](chart.png)

   a) Underline the correct answer.

   A rough surface has (more, less, no) friction so you need (more, less, no) force to pull the toy car. (2 marks)

   b) Which surface has:

   i. the most friction? ______________________. (1 mark)

   ii. the least friction? ______________________. (1 mark)
c) i. Choose the best surface for a slide. Tick (✔) the correct box.

☐ wood  ☐ plastic  ☐ concrete  (1 mark)

ii. Give a reason for your choice.

______________________________________________________________________________

(2 marks)

3. Match each sentence in Column A to the correct sentence in Column B. The first one is done as an example.

<table>
<thead>
<tr>
<th>Column A</th>
<th>Column B</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. A blanket is made of wool.</td>
<td>We can see round a corner.</td>
</tr>
<tr>
<td>b. A nail is made of metal.</td>
<td>It cannot melt.</td>
</tr>
<tr>
<td>c. A wooden spoon is used to stir a hot soup.</td>
<td>It reaches our ears.</td>
</tr>
<tr>
<td>d. Electric wires are covered in plastic.</td>
<td>a. It keeps us warm.</td>
</tr>
<tr>
<td>e. We use a cotton towel to dry ourselves.</td>
<td>It is an insulator.</td>
</tr>
<tr>
<td>f. Curved mirrors are used in some shops.</td>
<td>It cannot bend easily.</td>
</tr>
<tr>
<td>g. Sound travels.</td>
<td>It absorbs water.</td>
</tr>
</tbody>
</table>

(6 marks)

4. Our solar system. What am I?

a) I am the closest planet to the sun. 

b) I am famous for my bright rings. 

c) I was a planet. Now scientists call me a dwarf planet. 

d) I take about 28 days to orbit planet Earth. 

e) I am a star. I give out heat and light. 

(5 marks)
5. Look at the weather report below. Answer the questions that follow.

<table>
<thead>
<tr>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Sun]</td>
<td>![Sun]</td>
<td>![Partly Cloudy]</td>
<td>![Partly Cloudy]</td>
<td>![Sun]</td>
</tr>
<tr>
<td>Clear</td>
<td>Clear</td>
<td>Partly Cloudy</td>
<td>Partly Cloudy</td>
<td>Clear</td>
</tr>
<tr>
<td>Wind Force 3</td>
<td>Wind Force 3</td>
<td>Wind Force 4</td>
<td>Wind Force 5</td>
<td>Wind Force 2</td>
</tr>
<tr>
<td>29°C</td>
<td>30°C</td>
<td>30°C</td>
<td>33°C</td>
<td>31°C</td>
</tr>
<tr>
<td>21°C</td>
<td>23°C</td>
<td>25°C</td>
<td>22°C</td>
<td>21°C</td>
</tr>
<tr>
<td>UV index 9</td>
<td>UV index 10</td>
<td>UV index 11</td>
<td>UV index 11</td>
<td>UV index 10</td>
</tr>
</tbody>
</table>

a) Which day has the highest temperature? ____________________________ (1 mark)

b) John says that this shows a weather report taken in the month of November. Kate says that this shows a weather report in June.

   i. Who is right? ________________________________________________ (1 mark)

   ii. Give a reason for your choice.

   ________________________________________________________________
   ________________________________________________________________ (2 marks)

c) Tick (✓) the weather instrument which shows wind direction.

   ![Compass]  ✓  ![Thermometer]  ✗  ![Anemometer]  ✗

   (1 mark)

END OF PAPER