While some people believe animals should be used to test new medicine, others say experimenting on animals is unacceptable. What is your opinion?

Write an essay of about 275 words giving your opinion.
1. Google Photos provides users a place to back up their personal snaps. It uses image labelling technology to automatically group photos with similar content, such as all pictures of lattes together. The same technology also allows users to search their personal collections. ____ (1) ____. In 2015, a black software developer, Jacky Alcine, embarrassed Google by tweeting that Google Photos had labeled photos of him with a black friend as ‘gorillas’. Google declared itself “dismayed and genuinely sorry.” Yonatan Zunger, a Google engineer who became the public face of the clean-up operation, said specifically that the label gorilla would no longer be applied to groups of images. He added that Google was working on dealing with longer term fixes to ensure that such a thing would not occur again.

2. However, more than four years later, there is still clearly a lot of work to be done. While erasing ‘gorillas’ and some other primates such as ‘great apes’ from the service’s database has been completed, problems still occur with the image tags. A Google spokesperson admitted that image labeling technology is still in development and users are still reporting mistakes on Google Photos.

3. The failure of Google to develop a more sustainable fix over the last four years highlights that machine learning technology, which makes possible the image-recognition feature, is still maturing. With enough data and computing power, software can be trained to categorize images or transcribe speech to a greater level of accuracy. But it can’t easily go beyond the experience of that training. The fact is machine-learning algorithms lack the ability to use common sense to refine their interpretation of the world in the way that we humans do naturally. Until that has been resolved, Google Photos will have to accept that incidents such as Jacky Alcine’s will occasionally occur.

1. Which of the following would best fit in the blank in paragraph 1?
   A  But it can have unforeseen consequences.
   B ...
   C ...
   D ...
   E ...

2. In paragraph 1, which word is closest in meaning to ‘concerned because of something unexpected’?

3. In paragraph 3, what does "it" refer to?

4. Jacky Alcine’s purpose in sending out a tweet was to...
   A raise a problem with Google Photos.
   B share content from Google Photos.
   C apologise to his friend about a photo.
   D blame Yonatan Zunger for a problem.
   E protest against the exploitation of animals.

5. Which of the following is the best title for the text?
   A Racism and Other Issues Ignored by Google
   B Google Photos: Backing up your Life
   C Machine Learning: A Brand New Science
   D Google’s Challenges with Image Recognition
   E Advances in Image Recognition Technology
**READING SECTION 2**
Read the following text and answer the questions 6-10. Do not give any extra or irrelevant information. Mark / Write your answers on the answer sheet.

| 6… | 7… | 8… | 9… | 10… |

*Reading Section 1 and Reading Section 2 have the same task types.*
# GRAMMAR SECTION

## GRAMMAR SECTION 1 (Questions 1-5)

**PART A**  For each question, choose the option that has the closest meaning to the sentence in bold. Circle the letter A, B, C, D or E on the answer sheet.

1. Her hair needs cutting before she gets mistaken for some kind of homeless child living on the streets.
   
   A. Unless she has her hair cut, people will believe she lives on the streets.
   B. Before she leaves to live on the streets she should get her hair cut.
   C. She was mistaken for a child living on the streets so she needs a haircut.
   D. She often gets mistaken for a homeless child when she needs to get a haircut.
   E. She got her hair cut and was mistaken for a homeless child on the streets.

2 ...  

3 ...  

**PART B**  Find the mistake in each question by circling A, B, C, D or E on the answer sheet.

4. By the time I retire, I will have worked here for 40 years. I regret not retiring earlier. I shouldn’t have spent my time more wisely.
   
   A ...  
   B ...  
   C ...  
   D ...  
   E ...  

5 ...
Non-Verbal Accents

Our accents can reveal a lot about where we are from, but there are also subtle clues in our faces and in the way we move that show where we grew up. And it is quite easy for many people to detect these clues.

6 A claimed B was claimed to be C is claimed to be D is claimed to have been E claims

7 A ... B ... C ... D ... E ...

8 A ... B ... C ... D ... E ...

9 A ... B ... C ... D ... E ...

10 A ... B ... C ... D ... E ...
VOCABULARY SECTION

VOCABULARY SECTION 1 (Questions 1-5)

Fill in the blanks in the text by circling A, B, C, D or E on the answer sheet.

**Reading Aloud**

A body of research suggests that we may be limiting ourselves by reading only with the voices inside our minds. The ancient art of reading aloud has _____(1)_____ benefits for adults, from helping improve memory to strengthening emotional bonds between people. 

1. A numerous  
2. B liable  
3. C radical  
4. D civil  
5. E absolute

---

---

---

---

---
**VOCABULARY SECTION 2 (Questions 6-10)**

Fill in the blanks in the text by circling A, B, C, D or E on the answer sheet.

**Police Dogs**

Why do police departments use police dogs instead of hiring more police officers? For one thing, their sense of smell is almost 50 times more sensitive than a human's. Their sense of smell is so picky that they can ____(6)____ a particular smell even when there are dozens of others around.

<p>| | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>A</td>
<td>conclude</td>
<td>B</td>
<td>detect</td>
<td>C</td>
</tr>
<tr>
<td>7</td>
<td>A</td>
<td>...</td>
<td>B</td>
<td>...</td>
<td>C</td>
</tr>
<tr>
<td>8</td>
<td>A</td>
<td>...</td>
<td>B</td>
<td>...</td>
<td>C</td>
</tr>
<tr>
<td>9</td>
<td>A</td>
<td>...</td>
<td>B</td>
<td>...</td>
<td>C</td>
</tr>
<tr>
<td>10</td>
<td>A</td>
<td>...</td>
<td>B</td>
<td>...</td>
<td>C</td>
</tr>
</tbody>
</table>