PART A. Below is an extract from an article on brain surgery. Fill each gap with a suitable word from the box below. DO NOT CHANGE the form of the words. Use each word only ONCE. Be careful! There are more words than you need.

<table>
<thead>
<tr>
<th>unconscious</th>
<th>instant</th>
<th>anticipate</th>
<th>commit</th>
<th>undoubtedly</th>
</tr>
</thead>
<tbody>
<tr>
<td>detected</td>
<td>inferred</td>
<td>require</td>
<td>stimulate</td>
<td></td>
</tr>
<tr>
<td>launch</td>
<td></td>
<td>contributed to</td>
<td>ailment</td>
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The purpose of this text is NOT to turn you into a brain surgeon; rather, it is to help you to have an idea about the brain, and give you non-technical information about the conditions which surgery in this most important area of our body.

The brain is an incredibly complex organ. It lives apart from, and quite differently from the rest of the body. The brain contains about 10 billion working brain cells which are called neurons. These make over 13 trillion connections with each other to form the most sophisticated organic computer on the planet: It is impossible not to be fascinated with this.

As a result, of all the medical skills, brain surgery is perhaps the most demanding one because it demands a unique combination of training and skill. Although there are lots of preparations and tests that are done before the surgery, the doctor sometimes has to stop and make a/an decision at some point during the operation. In order to make such changes during an operation, the surgeon has to be experienced enough and be able to problems before they come up.

What about brain tumors? The very words strike fear in the heart of anyone threatened by one. It was once considered the most frightening that one could have. Today, however, with improving technology and the scientific understanding of the basic biology of brain tumors, patients and families can look to the future with more hope. These technological improvements and advances in medicine have definitely a deeper understanding of both the illness and its treatment.

Scientists, physicians and researchers have been asking limitless questions concerning brain tumors: What causes brain tumors? How does a brain tumor really function? Is it a simple disease or does it have effects on a person’s life? Why did person A get a brain tumor and not B? Would a person with brain tumor be more likely to a crime?

All these questions come up because brain tumors are different from other tumors that can grow in the human body. Brain tumors are different because they are not cancers. Secondly, though they are through the same methods such as X-ray or PET scans, unlike other tumors, they grow only in the brain itself, and almost never travel beyond the brain. Finally, although many mysteries involving the human brain have been solved, there are many more that need to be clarified.
PART B. Below is a graph giving the number of patients who had brain surgery in Turkey and a related paragraph. Fill each gap with ONE word only.

Brain surgery is one of the most prestigious occupations in Turkey. The humane aspect of it attracts many young people to choose it as a career. However, it is the cash that actually acts like a magnet. In fact, many doctors dream of being brain surgeons for the income.

Let’s have a look at the graph to have a deeper understanding. From the 1960s to 70s, there was a/an (1)_____________ increase in the number of patients. Similarly, there wasn’t much (2)_________________ in the movement in the following ten years. Then, between the 80s and 90s, approximately the same number of patients had brain surgery. In other words, it (3)_________________ steady. However, in 1995, a (4)_________________ increase was observed. Scientists believe that this was due to the nuclear explosion at the Chernobyl nuclear power plant.

So? What happened to the salary of a brain surgeon? Of course it didn’t (5)_________________. Rather, it went up year by year.

Happy for the surgeons? Not at all, huh?

GOOD LUCK 😊
Part A
1. require
2. fascinated
3. instant
4. anticipate
5. ailment
6. undoubtedly
7. contributed to
8. devastating
9. commit
10. detected

Part B
1. gradual / slow / slight

2. change
   increase
   rise

3. remained / was / became

4. rapid / sharp / abrupt / dramatic

5. fall / decline / drop / decrease

(Any answer to the same effect)