12th Academic Unit One Exam

Name …………………………….

**Comprehension:** Read the following paragraph and the questions below.

Industry soon preferred oil to coal. It was easier to transport, more powerful and many useful products came from it, including petrol [AE: gas]. In 1859, the first oil well opened (in America), and the first petrol-engine car was built (in Germany) in **1885**. More **‘black gold’** was quickly needed. Thirty years later, there were many oilfields in America and around the world.

Today, we know the problems with oil. Although cleaner than coal, it still pollutes both when it is produced and when it is used. Moreover, supplies will soon start to decline.

However, demand is huge (85m \*barrels per day), so we continue to explore in more and more difficult locations – deep beneath the seabed, for example.

Scientists are still finding new oil around the world, but the search is getting harder. One day, global oil production will start falling, just as it **did** in America in 1970. At that point, however, the world will not be able to turn to other new sources of supply, as Americans did. There will be no other sources.

When will that point come? The experts disagree. Some say that global production will peak in around 2040 and then start decreasing. Others are much less optimistic. They expect the **peak** as early as 2016.

The exact year does not really matter. The fact is that demand will soon get steadily greater than supply if we continue as we are. And if that happens, oil prices will explode.

Scientists everywhere are developing energy sources to replace oil though. They are doing this first to reduce oil’s polluting emissions and the related global warming. They are also working to avoid that d**isastrous** energy gap.

Q1: Which is better for industry oil or coal, and why?

 ………………………………………………………………………………………..

 ………………………………………………………………………………………..

Q2: How will and energy gap develop unless we make big changes?

 ………………………………………………………………………………………..

 ………………………………………………………………………………………..

 Q3: Complete the following:

1. To replace oil, scientists are ………………………………………………………
2. This will benefit the world because ………………………………………………

Q4: What do the following refer to?

 1885 line 3 refer to ………………………………………..

 Just as it **did** line 12 **……………………………………..**

Q5. What do the following mean?.

 explode ………………………… black gold. ……………………………….

 The peak ………………………… disastrous……………………………..

Q6. Find a word in the text opposite to **pessimistic ……………. rising………**