The Petroleum Today II

## THE PETROLEUM TODAY

| 1 5 | Many people are unaware of how many of the products we use come from petroleum and natural gas．The United States uses more than two tons of petroleum products annually． That is almost 1200 lb of chemicals each year for a man，a woman and a child in the United States，a staggering total of 225 billion pounds of chemicals from petroleum，and to a lesser extent of natural gas． | 忍 |
| :---: | :---: | :---: |
| 10 | Of the vast amount of petroleum and natural gas we consume，more than 90 percent is burned as fuels．Only about 0.5 percent is used for the manufacture of the petrochemicals by the chemical industry．These petrochemicals vary widely in their functions and include such products as medicines，detergents，rubber and chemicals．Finally，about 15 percent of the oil and natural gas is used as raw material for plastics．These small percentages translate into the production of billions of pounds of polymers that yield many different and useful products． | 忍 |
| 15 | In post World War II years，the United States was flooded with domestic and imported items of extremely low cost，low quality and limited lifetime．This led to the image of ＂cheap plastics＂with low durability．Today，however，The image of plastics has changed． Plastics perform and extremely broad range of functions，from heart valves and artificial kidneys to ski boots，nonstick surfaces，super glues，and spacecraft parts，and they compete with natural products in durability．No other material except for plastics could perform all these different functions． | 忍 |
| 20 | Plastics are replacing more and more parts of your car．The use of 1 lb of plastic can replace an average of 3.5 lb of metal in an automobile．An automobile with 400 lb of metal substituted for plastic would weight about 1000 lb less，which increases its gas and its gas mileage by about $3 \mathrm{mi} /$ gal．The fuel savings are estimated to be about 160 million barrels of oil annually．That is more than total amount used by the chemical industry as raw materials to make the polymers． | 忍 |
|  | As another example，synthetic polymer fibers are commonly used in fabrics，for both， economical and practical reasons．If the world＇s synthetic fibers were replaced by cotton， this would require an additional 40 million acres of farmland． | 式 |
| 30 | Certainly polymer plastics will be used more in drink containers and food packing．The 700 billion gallons of liquid consumed each year in the United States will find their way to their consumer more and more in plastics bottles．Diseased and malfunctioning parts of the body will become a plastic society． | 隻 |

Reading Comprenhention Text

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## Answer Sheet

I.- En el texto hay seis párrafos, escriba el número del párrafo en el cual se menciona las siguientes ideas. ( 5 ptos $\mathrm{c} / \mathrm{u}=30$ ptos total). Los párrafos se pueden repetir.

Which paragraph mentions...

| Párrafo |  | Ejemplo |
| :---: | :---: | :---: |
| 0. | III | How long plastics lasted in the past. |
| 1. |  | people being unconscious about items made from chemical substances. |
| 2. |  | an incredible amount in crops which would be necessary to substitute a common item of consumption. |
| 3. |  | energy saved by the usage of a different material. |
| 4. |  | a wide range of products that come from a small amount of unprocessed material. |
| 5. |  | a different way of packing products. |
| 6. |  | the bad reputation some products had in the past. |

II.- De acuerdo con lo dicho en el texto, decida si las siguientes oraciones son verdaderas (V) o falsas (F) (3 pts c/u = 18 pts total)
Escriba el número de la línea donde se encontró la respuesta ( $2 \mathrm{pts} \mathrm{c} / \mathrm{u}=12 \mathrm{pts}$ total)

F-V
0. [V]

Line
Ejemplo
2-3

The United States uses 2000 kgs of oil every year.
1.


|  | 1.- Most of us know that lots of goods we use come from oil and natural gas. |
| :--- | :--- |
|  | 2.- A small amount of oil and natural gas is used as fuels. |
|  | 3.- Americans have always used excellent plastic products. |
|  | 4.- Due to the advancement of science, plastics are replacing some materials. |
|  | 5.- Having Less metal in cars means that we can save gasoline. |
|  | 6.- Due to a huge demand in liquid containers, most of them will be made of plastic. |

III.- Mencione a lo que hace referencia dentro del texto la palabra indicada.
( 4 ptos $\mathrm{c} / \mathrm{u}=$ total 20 ptos)
1.
"they" line 17 refers to:
2.
"which" line 22 refers to:
3. "its" line 23 refers to:
4. "this" line 28 refers to:
5. "their" line 30 refers to:

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IV.- Escriba un breve resumen del texto en ESPAÑOL ( 20 ptos)
$\square$

