



Eng202-Design Through The Ages

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Class:.....

Read the text below then answer the given questions :

During the 1990s, many designers worried about the damage to the environment caused by industrialization. They were especially worried about the rapid use of energy sources and raw materials. They wanted to find ways of slowing this down. These ideas influenced design in many areas. For example, solar-powered cars and electric cars were developed.

The recycling of paper and other materials became popular, for example in designer Jane At field's plastic shelving unit. The material she used came from old washing-up liquid bottles. Designers created more energy-saving products and products which consumers could repair or recycle. The focus was on product durability. Another big influence on design was advances in communication, in particular the internet and mobile phone technology. One product that connects the two big concerns of designers in the 1990s was Trevor Baylis' wind up radio, launched in 1995. This product was particularly useful in Africa because it could work without having expensive batteries. People made the radio work by turning a handle to generate the power.

In the 1930s designers increased the efficiency of boats and aircraft by giving them smooth and curved shapes. Then, in 1934, Chrysler launched its new streamlined car, the Airflow. This was the start of the use of aerodynamics in car design. Streamlining, as it was called, was about speed, efficiency and, most of all, the modern world. Designers realised that consumers were attracted to other streamlined products, and so they began to use streamlining in a wide range of domestic appliances, such as refrigerators.

The designer Henry Dreyfuss helped to develop a new theory about design called ergonomics. He believed that machines worked better if they were adapted to people's needs. His reputation was based on the Bell 3000 telephone. Because of its ergonomic design, it was easy for people to use. At this time a number of new materials were used in design, such as Bakelite (an early type of plastic). It was a perfect material for producing smooth, streamlined products.

Read the text above and decide whether the statements are **True** or **False**. Use the first letters only **T** or **F**.

- 1- A lot of the designers were not worried about the damage to the environment caused by industrialization. ()
- 2- The designer Jane used the material which came from old washing-up liquid bottles. ()
- 3- Designers created more energy-saving products and products which consumers could repair or recycle. ()
- 4- The focus was on product appearance only by the designers. ()

Mention in what year (1934 , 1995)

- 1- Trevor Baylis' wind up radio, launched in
- 2- Chrysler launched its new streamlined car in

Who did each of the following : (**Designer Jane, Chrysler , Henry Dreyfuss**)

- 1- Developed the field of plastic shelving unit..... .
- 2- Helped to develop a new theory about design called ergonomic..... .
- 3- launched its new streamlined car, the Airflow

