



Student's name.....

Eng202-Unit9: From Engines to Engineers

Class.....

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Look at the text (Page: 86-87).

(Q1) Where do you think it comes from? Who is it aimed at?

### A Man's World?

When you hear the word **engineer**, do you think of someone who is a) male? b) boring? or c) dirty? Or all three? Well, time to think again.

**1** Engineering has often been seen as a male profession. For example, only nine percent of US engineers are women, while in the UK it is just over eight percent. However, there is no reason for this: engineers are simply talented people who make our everyday lives easier. In fact research shows that women make the best problem solvers.

**2** Engineers find solutions to problems that are important to society. They control and prevent pollution, develop new medicines, create advanced technologies and

help explore new worlds. They make the world a cleaner, safer, healthier place by investing, building and improving everything from microchips to household appliances, from skyscrapers to spacecraft.

**3** Interestingly, the word 'engineer' does not come from the word 'engine'. In fact it comes from the Latin word 'ingenious' meaning skilled. An engineer is really a clever, practical problem solver. Although the fields of engineering and science are connected, there are also differences.

**4** While a scientist will ask why a problem occurs or happens, an engineer will want to know how to solve the problem. As one writer once said: scientists build in order to learn, whereas engineers learn in order to build.

**5** There are all sorts of opportunities in a variety of engineering fields such as aeronautical, biomedical, civil, mechanical and computer engineering. Engineers work alone or in teams, and in locations such as offices, factories, research labs, outdoors and even outer space! How many of the modern world's greatest engineering achievements will you use today? A car, a computer, a telephone? Think about it.

Now is the time for women to engineer the future. Break the stereotype. Build a career. Sign up today!

(Q2) Choose the most suitable heading (a-e) for each paragraph (1-5).

- a. Engineers' contribution to society (.....)
- b. Origin and definition of *engineer* (.....)
- c. Women in engineering (.....)
- d. Engineering and science (.....)
- e. Types of engineer (.....)