

# 大同大學 100 學年度研究所碩士在職班入學考試試題

考試科目:科技英文

所別:工程管理學程研究所

第 1/1 頁

註:本次考試 不可以參考自己的書籍及筆記; 不可以使用字典; 不可以使用計算器。

請先抄每一題之英文，然後將它翻譯成中文。

1. At a solar power station, huge mirrors are positioned to catch the sun as it moves across the sky. The sunlight is reflected on to a boiler. Enormous heat builds up and turns the water in boiler into steam. The steam drives a machine called a generator which produces electricity.
2. We all use electricity every day without giving it a thought. Yet, electricity is very dangerous, and can kill if it is not used properly. Always remember the safety rules. Never touch a switch or socket with wet hand. Never exceed the power rating of a socket.
3. Nuclear power station gives us power to make electricity. They do not send up dirty smoke into the air. The wastes they produce are dangerous. The most dangerous waste stays dangerous for thousands of years. The waste must be stored away from people for all. Scientists are thinking of new ways to deal with the waste.
4. When people cut down forests or pollute rivers and seas, many birds lose their wild homes. If they cannot survive in other place, they die out (become extinct.) Today, more than 1,000 types of bird are at risk of becoming extinct. Some are losing their homes. Others are lack of food or sport. Some of the rarest birds are being caught and sold as pets.
5. Sounds travel through the air at about 340 meters per second. Quiet sounds travel just as quickly as loud sounds, but do not go as far. Sounds can travel faster through liquid like water and solids like wood or metal than they do through the air. To hear all the sounds being made around us, the sound wave needs to reach our eardrum and to vibrate.