Comparison is one of the ways of relating ideas and objects to each other. The comparison can either be one of difference or one of similarity. Of course, comparison is frequently expressed by means of grammatical forms such as the comparative and the superlative. However, there is also a large store of lexical items which express similar meanings. For example:

- "to accelerate" means "to go faster",
- "the two samples are similar" means that they have been compared.

S	elf evaluation – entry test
E	Fill in the blanks, using comparatives, superlatives or other lexical forms. Example: Before building the prototype, fu research will be necessary. (more) Before building the prototype, further research will be necessary.
1. 2.	In the early 1970s, bo the American and Russian space agencies began exploring the possibility of long-term habitation in space. (the two of them) The upper salinity limit for irrigation is le than 15% of the salt content
	of seawater. (≠ more)
3.	Fever has a useful medical function; it not only increases the metabolic rate, but the ho environment facilitates the destruction of pathogens. (higher temperature)
4.	Un true organisms, viruses are unable to synthesise proteins because they lack ribosome. (as opposed to)
5.	Many of the drugs prescribed for human therapy are the sa those used for farm animals. (identical – 2 words)
6.	Chemicals can be added to vary the properties of the glass. For example, the addition of lead oxide en the refractive index. (makes better)
7.	Fleming noticed that a penicillin solution prevented the sp
8.	The smallest blood cells (averaging 2-4 micrometers in diameter) grow ha filaments from their membranes. (similar to hair)
9.	Im production techniques have enabled industrialists to reduce the risk of fire. (better)
10.	Wegener was able to demonstrate the movement of tectonic plates by ma the shapes of the five continents. (comparing, fitting together)

	MNEMOSCIENCE, a German company specialising in poly-
	mer technology, has announced its intention to market "shape-memory polymers" (SMPs) in the near future. Dr Andreas Lendlein, of the "German Wool Research Institute" at Aachen, in collaboration with Prof. R. Langer of MIT, are currently developing a new family of en
arent form at the tra	ansient temperature.
s "Nitinol", a nickel-tite pplications and medonsiderable number ar wider range of appresentation of the community of the com	stances are, in fact, not new. The
 By varying the pro- tions can be adjust 	fter the transient temperature has been reached is much faster. portions of the two monomers, the specification of deformated with (+ accuracy). This means edetermined mechanical strength and transient temperatures
can be designed to	pability is

■ You can use suffixes to form nouns or verbs: -(at)ion • -sion • -ise^{6. Notes 1}.

Examples: to vary → variation; to divide → division; character → to characterise.

Verbs	Nouns	
 It is cheaper to regulate the temperature automatically. 	Automatic temperatureis more economical.	
2. If gases very rapidly, cryogenic temperatures are attained.	Rapid expansion of the gases produces temperatures of below 120 Kelvin.	
3. The committee was set up to standardise civil aviation procedures.	His job involves the of aviation safety procedures.	
4. People get old because the body genetic damage.	Ageing is a result of the accumulation of genetic damage.	
5. The first atomic bomb exploded on August 6, 1945.	80,000 people were killed in the Hiroshima	
6. The astronauts are provided with a 14-day supply of pressurised oxygen.	The oxygen supply is stored under	
7. Solar energy is from hydrogen.	The generation of solar energy involves the conversion of hydrogen.	
8. Heat losses can beby thermal protection.	Efficient insulation reduces heat losses to a minimum .	
9. It was necessary to extend the research facilities.	Because of the increase in staff, an had to be built.	

Self evaluation – exit test

■ Supply the missing words.

1.	As a result of the dust cloud raised by the impact of a large asteroid ne heat light would penetrate the Earth's atmosphere. (not one, not the other)
2.	Optical fibres will produce en performances for computers. <i>(better)</i>
3.	The government would like to bo imports. (help to improve)
4.	The two colours do not ma (go together)
5.	The disease is sp rapidly. (advancing)
6.	The constant stress and vibration we the metal. (# make stronger)
7.	Chameleons, un human beings, can survive a drop of 46% of the body fluid. (in contrast to)
8.	The reason why NASA is interested in nuclear propulsion is that space travel would be \dots fast. (x 2)
9.	(+ people poor / – they eat)
10	If you drive up the hill too fast, the engine will ov