

1 Match the words and the definitions. There are five extra words that you do not need.

<i>accelerate</i>	<i>adhesive</i>	<i>alloy</i>	<i>brittle</i>	<i>clean-out</i>	<i>evaporate</i>	<i>overhaul</i>	<i>piston</i>
<i>precipitation</i>	<i>relinquish</i>	<i>short circuit</i>	<i>soldering</i>	<i>spin-off</i>	<i>translucent</i>	<i>valve</i>	

- 1 a part attached to a pipe or a tube which controls the flow of air or liquid: _____
- 2 a substance used for sticking things together: _____
- 3 a new or unexpected result of something that already exists; a by-product: _____
- 4 necessary changes or repairs made to a machine: _____
- 5 a bad connection in the wires of a piece of electrical equipment, which prevents the equipment from working: _____
- 6 a chemical process in which solid material is separated from a liquid: _____
- 7 a metal that is formed by mixing two types of metal together, or by mixing metal with another substance: _____
- 8 to change from a liquid state into a gas state: _____
- 9 to allow something to be taken away from you: _____
- 10 hard but easily broken: _____

2 Fill in the gaps using the words given. There are more words than you need.

<i>accuracy</i>	<i>assertiveness</i>	<i>dampers</i>	<i>debris</i>	<i>displacement</i>	<i>hesitation</i>	<i>magnitude</i>
<i>nanoscale</i>	<i>reinforced</i>	<i>stipulated</i>	<i>vapour</i>	<i>wavelength</i>	<i>withdrawn</i>	<i>zone</i>

- 1 This offer must be accepted within 14 days; otherwise the offer will be _____.
- 2 The beams are made of concrete _____ with steel so that they are strong enough.
- 3 The tests will hopefully yield significant data about how well the seismic _____ cushion the effects of the three simulated earthquakes on the building.
- 4 Emergency teams are still clearing the _____ from the plane crash.
- 5 _____ is a form of communication in which you state your needs or wishes clearly while showing respect for yourself and the other person.
- 6 The air in the greenhouse must be saturated with water _____ so that it is humid enough.
- 7 What method do you use to tune the new aerial to the correct _____?
- 8 The bridge will be capable of resisting earthquakes up to a _____ of 8.0 on the Richter scale.
- 9 A snake well uses steerable drills that can be positioned with great _____ which enables the drills to hit underground targets with extreme precision.
- 10 Everything on the _____ is invisible to the unaided eye and can only be seen by the most powerful microscopes.

3 Choose the correct option.

- 1 We couldn't _____ the meeting again. Everyone wanted a decision to be made.
a) keep down b) put off c) rule out
- 2 There was a _____ of dirt in the pipe, which caused the pump to stop working.
a) meltdown b) shutdown c) build-up
- 3 The material serves a _____ purpose of allowing you unrestricted movement and also protecting the body from sudden impact.
a) lateral b) partial c) dual
- 4 The _____ temperature of the room was too cold for the machine to operate.
a) ambient b) enclosed c) adequate
- 5 The earthquake caused _____ damage to the building. It had to be knocked down.
a) insignificant b) moderate c) severe
- 6 The substance is highly _____. It's acidic and destroys metal by a chemical reaction.
a) sensitive b) corrosive c) instantaneous
- 7 The manager and the employee met for the _____ interview in which they discussed the employee's performance.
a) approval b) appraisal c) agreement

4 Use the words in CAPITALS to form words that fit the gaps in the sentences.

- 1 The material has high solar _____, so it will protect the building from the heat of the sun. REFLECT
- 2 The temperature here is _____, so you can change it using the heat selector switch fixed on the wall. VARY
- 3 Slippery and icy roads in winter greatly increase the _____ of car accidents. LIKELY
- 4 The great _____ of bronze when melted, the slightness of its contraction on solidifying, together with its density and hardness, make it especially suitable for casting. FLUID
- 5 Protection against access by _____ person and changing weather conditions is ensured thanks to lockable housing. AUTHORITY
- 6 Although welding is used principally to join similar and even _____ metal parts it is also used increasingly to repair and rebuild worn or damaged components. SIMILAR
- 7 Aerials must be made of a _____ material, so that they can carry electrical current. CONDUCT
- 8 Because water is inexpensive and easy to get, it is also used as a _____ - to lower the temperature of the moving parts of machines in factories and power plants. COOL

5 Choose the correct answer.

- 1 Burning fossil fuels _____ CO2 emissions.
a) results from b) results in c) is due to
- 2 The automated safety system _____ Turbine 7, but it didn't.
a) should have stopped b) should be stopped c) should stopping
- 3 Almost any container is suitable _____ it is durable and large enough.
a) as soon as b) otherwise c) as long as
- 4 They strongly suggest _____ the walls.
a) us to insulate b) we insulate c) us insulating
- 5 _____ the resistive screen, the capacitive one has greater clarity.
a) Instead of b) Different from c) Unlike
- 6 _____ the bridge will be the world's longest sea-crossing bridge.
a) Upon completion b) When it will be completed c) When completing
- 7 _____ that the oil will reach the beaches.
a) There is impossible b) It is a slight chance c) It's highly unlikely
- 8 This device is _____ people.
a) possible to detect b) capable of detecting c) capable of being detected
- 9 If you had been more careful, the accident _____.
a) wouldn't happen b) wouldn't had happen c) wouldn't have happened
- 10 _____ to the shake table, the building was subjected to a series of seismic simulations.
a) Have to secure b) Having been secured c) After secure
- 11 Scientists _____ making a vital breakthrough soon.
a) will have be b) are on the point of c) are about to
- 12 The snake well _____ several pockets with oil.
a) allows us reaching to b) reaches to c) enables to reach
- 13 They _____ this technology for several years now.
a) are using b) have been using c) use
- 14 This seawater desalination plant _____ a short distance from the sea, _____ salt from seawater.
a) located / removes b) locating / removal c) is located / removes
- 15 Water from the penstock makes _____ and it causes _____ electrical power.
a) that turbine blades rotate / that the generator produces
b) that turbine blades are rotating / generator producing
c) turbine blades rotate / the generator to produce

KEY

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- 1 a part attached to a pipe or a tube which controls the flow of air or liquid: **valve**
- 2 a substance used for sticking things together: **adhesive**
- 3 a new or unexpected result of something that already exists; a by-product: **spin-off**
- 4 necessary changes or repairs made to a machine: **overhaul**
- 5 a bad connection in the wires of a piece of electrical equipment, which prevents the equipment from working: **short circuit**
- 6 a chemical process in which solid material is separated from a liquid: **precipitation**
- 7 a metal that is formed by mixing two types of metal together, or by mixing metal with another substance: **alloy**
- 8 to change from a liquid state into a gas state: **evaporate**
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- 1 This offer must be accepted within 14 days; otherwise the offer will be **withdrawn**.
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- 3 The tests will hopefully yield significant data about how well the seismic **dampers** cushion the effects of the three simulated earthquakes on the building.
- 4 Emergency teams are still clearing the **debris** from the plane crash.
- 5 **Assertiveness** is a form of communication in which you state your needs or wishes clearly while showing respect for yourself and the other person.
- 6 The air in the greenhouse must be saturated with water **vapour** so that it is humid enough.
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- 3 Slippery and icy roads in winter greatly increase the **likelihood** of car accidents.
- 4 The great **fluidity** of bronze when melted, the slightness of its contraction on solidifying, together with its density and hardness, make it especially suitable for casting.
- 5 Protection against access by **unauthorised** person and changing weather conditions is ensured thanks to lockable housing.
- 6 Although welding is used principally to join similar and even **dissimilar** metal parts it is also used increasingly to repair and rebuild worn or damaged components.
- 7 Aerials must be made of a **conductive** material, so that they can carry electrical current.
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