

1) A cooker is an appliance for cooking, consisting of an oven, a heating furnace and often also a grill. Most cookers \_\_\_\_\_ heat.

use gas or electricity for producing

A computer virus is a \_\_\_\_\_ within a computer program intended to cause errors and destroy stored information.

hidden code

A computer is an electronic device which is used for \_\_\_\_\_ into it, for calculating or for controlling machinery automatically.

storing and analysing information fed

A code is a system of \_\_\_\_\_ etc., which is used for secret messages or for presenting or recording information briefly.

words, letters, symbols,

A chip is a small piece of silicon in a computer, with electronic \_\_\_\_\_.

circuits for storing information or performing complicated logical operations.

A carburettor is an apparatus in a petrol engine, especially in a motor vehicle. In this apparatus, \_\_\_\_\_ which provides power.

petrol and air are mixed together in a carburettor to make the explosive gas

A Bio-gas plant is a machinery equipment which is used for \_\_\_\_\_ or in homes.

manufacturing gas from animal waste and used for commercial purposes

An assembly language is a \_\_\_\_\_ and alphanumeric symbols for address.

low level programming language in which mnemonics are used to code operations

An anvil is an iron block on which a blacksmith \_\_\_\_\_ into shape.

puts hot pieces of metal before hammering them

An angle is the amount of distance \_\_\_\_\_; a line, direction of movement, etc., considered in relation to the ground.

between the directions of two lines or surfaces where they meet

An Aircondition is a system that cools and dries the air in a room or building This is a method of \_\_\_\_\_ or building.

filtering air and regulating its humidity and temperature in a room

An acid is a \_\_\_\_\_. Acids are usually sour and can often destroy things they touch.

substance containing hydrogen that can be replaced by a metal to form a salt

An accumulator is a temporary storage device which is used in a microprocessor .It is \_\_\_\_\_ in a computer's CPU (Central Processing Unit)

a register for short-term, intermediate storage of arithmetic and logic data

An accelerator is a device which is used for \_\_\_\_\_ that controls the speed of engine.

increasing speed, especially the pedal in a vehicle

**An abacus is a manual aid \_\_\_\_\_ and forth on wires for doing arithmetic sums.**

**which is with frame beads sliding back**

An Aerodynamics is the science dealing with the \_\_\_\_\_, e.g. Aircraft or bullets moving through air.  
**forces acting on solid bodies**

An aeronautics is the scientific study or practice of \_\_\_\_\_ aircraft.  
**constructing and flying**

An air brake is operated by the \_\_\_\_\_ on a piston.  
**compressed air**

An alloy is a metal formed by a mixture of \_\_\_\_\_ or of metal and another substance  
**Metals**

An ammeter is an instrument to \_\_\_\_\_  
**measure current**

An amplifier is a device for amplifying or increasing something, \_\_\_\_\_ signals.  
**especially sounds or radio**

An anode is the \_\_\_\_\_ of a device  
**positive terminal**

An antennae is an arrangement of wires, metal rods used in sending and receiving \_\_\_\_\_  
**electromagnetic signals**

A ballpen hammer is a tool consisting of metal \_\_\_\_\_ and handle used for pounding.

### Head

A barometer is an instrument for measuring \_\_\_\_\_, used especially for forecasting the weather  
air pressure

A bearing is a \_\_\_\_\_ that allows part of machine to turn smoothly

### Device

A brake is a device for slowing or \_\_\_\_\_ a car, bicycle, train, etc.

### Stopping

A bridge or fly over is a structure of wood, iron, concrete, etc., built to provide a \_\_\_\_\_ a river, road, railway, etc.

### way across

A cache memory is a \_\_\_\_\_ used to temporarily store portion of a programme for the main memory.

### small high speed memory

A calculator is a small \_\_\_\_\_ for performing calculations with numbers

### electronic device

A camcorder is a camera which records moving \_\_\_\_\_ and sound.

### Pictures

A catalyst is a substance that makes a chemical \_\_\_\_\_ without changing itself.

### reaction happen faster

A cathode is the \_\_\_\_\_ of a device

### negative terminal

A compiler is a system programme to translate a high level language \_\_\_\_\_ language.

### programme to machine

A computer programme is a \_\_\_\_\_ which tells a computer what to do.

### set of instructions

A coolant is a liquid that is used for \_\_\_\_\_, a nuclear reactor, etc.

### cooling an engine

A central processing unit is the \_\_\_\_\_ that executes all the instructions given to it.

**heart of the computer**

A disk is circular plate on which data can be \_\_\_\_\_ that can be used by a computer.

**recorded in a form**

Distillation is a process of separating more \_\_\_\_\_ substance from less volatile by heating the mixture.  
Volatile

Electronics is the branch of science and technology that deals with the \_\_\_\_\_ in electronic equipment.

**behaviour of electric currents**

An expedition is an organised \_\_\_\_\_ especially scientific research, exploration or war.

**journey or voyage for a particular purpose**

A factory is a building or group of buildings \_\_\_\_\_ or assembled.

**where goods are manufactured**

A fan is a device with blades that are operated mechanically to \_\_\_\_\_.

**create a current of cool air**

A fibre optics cable is made of glass fibres to \_\_\_\_\_.

**transmit light signals**

A flow chart is a diagram showing the \_\_\_\_\_ or processes

**development of something through different stages**

Gold is a precious yellow metal used for \_\_\_\_\_ etc.

**making coins, ornaments, jewellery**

A hardware is the \_\_\_\_\_ of a computer.

**mechanical and electronic parts**

An induction motor is a prime mover to \_\_\_\_\_ and it is run by three / single phase AC supply.

**supply mechanical energy**

A lubricant is a \_\_\_\_\_ a machine easily and smoothly.

**liquid substance used for moving**

A micro film is a film on which \_\_\_\_\_, especially documents or newspapers.

extremely small photographs are stored

A microprocessor is a very small computer, or a unit of one, consisting of \_\_\_\_\_

**one or more microchips**

A microscope is an instrument for \_\_\_\_\_, especially for scientific study

**making very small objects appear large**

A nuclear reactor is a device meant for producing \_\_\_\_\_

**electrical oscillations**

A padlock is a type of lock \_\_\_\_\_. It is used for fastening things, eg. Two ends of a chain, together.

**with a loop at one side that is opened with a key**

A photocopier is a machine usef for \_\_\_\_\_

**making photocopies**

A potential divider is an arrangement meant for \_\_\_\_\_.

**getting variable output voltage**

A potentiometer is an instrument to measure the \_\_\_\_\_

**potential difference**A resistor is a device for providing \_\_\_\_\_ in a circuit

**resistance to electric current**

A rheostat is a device for \_\_\_\_\_ the resistance of an electric current

**varying**

A thermostat is a device for \_\_\_\_\_, e.g. in an oven or in central heating

**regulating temperature automatically**

A Dam is a barrier made of concrete, earth, etc., built \_\_\_\_\_ t  
o prevent flooding, etc.

across a river to hold back the water and form a reservoir

An electric fuse is a short piece of \_\_\_\_\_ if the current goes ab  
ove a safe level.

wire that melts and breaks the circuit

A gear is a set of wheels with teeth on their edges that revolve together to \_\_\_\_\_  
\_\_\_\_\_ ; a degree of speed or efficiency.

transmit power from a vehicle's engine to its round wheels

Genetics is a scientific study of the ways in which \_\_\_\_\_ of li  
ving things to the next

different characteristics are passed from one generation

High technology is an advanced development in technology, especially in electronics. It is  
a sophisticated and complex use of machinery by \_\_\_\_\_ is realis  
ed in capital goods industries.

replacing labour to increase production whose use

Laser technology is a technology of \_\_\_\_\_ that fi  
nds innumerable applications, in communication, engineering, science and medicine.

producing a beam of radiation by a device

Lathe is a machine that \_\_\_\_\_ etc., by holding and turni  
ng them against a fixed cutting tool.

shapes pieces of wood, metal,

icrophone is an instrument that changes \_\_\_\_\_ . It is us  
ed for recording or broadcasting speech, music, etc.

sound waves into electrical current

Modem is a device linking a computer system for example, a telephone line, through whi  
ch \_\_\_\_\_ from one computer to another.

data can be transmitted at high speed

A parachute is a device attached to people or objects to make them \_\_\_\_\_  
\_\_\_\_\_. It consists of a large folded piece of cloth, attached by strings to the person or object, which opens out in the air to form an umbrella shape above them.

fall slowly and safely when dropped from an aircraft

Petroleum is a mineral oil that forms \_\_\_\_\_ . Petroleum is refined to produce petrol, paraffin, diesel oil, etc.

under the ground or the sea and is extracted through holes bored beneath it

A patent is an official document giving the holder \_\_\_\_\_ and preventing others from copying it.

the sole right to make, use or sell an invention

A Piston is a round plate or short cylinder, usually of metal, that fits \_\_\_\_\_  
\_\_\_\_\_ or backwards and forwards inside it. It is used, for example, in engines to cause other parts to move by means of a rod connecting it to them.

closely inside a tube and moves up and down

A propeller is a device with \_\_\_\_\_ to a revolving rod for propelling a ship or an aircraft.

two or more blades fixed

A Protractor is an instrument usually in the form of \_\_\_\_\_, used for measuring and drawing angles.

a semi-circle with degrees marked on it

radar is a system for finding out \_\_\_\_\_; when they cannot be seen, by sending out short radio waves which they reflect.

the position and movements of solid objects, especially aircraft and ships

A rivet is \_\_\_\_\_ of leather, metal, etc., together on one end being hammered or pressed flat to prevent slipping.

a metal pin or bolt for fastening two pieces

A robot is a machine that can \_\_\_\_\_ or is controlled by a computer.

perform the actions of a person and which operates automatically

**A screwdriver is a \_\_\_\_\_ it when driving it into place or removing it.**

tool with a blade that fits into the head of a screw to turn

**A seismograph is an \_\_\_\_\_ and for recording how strong they are and how long they last.**

instrument which is used for detecting earthquakes

**A spectrum is an \_\_\_\_\_, usually described as red, orange, yellow, green, blue, indigo and violet.**  
image of a band of colours as seen in a rainbow

**windmill is a mill worked by the \_\_\_\_\_. A similar tall thin structure used to change the power of the wind into electricity.**  
action of wind on long projecting arms that turn on a central shaft

**A word processor is a computer that records \_\_\_\_\_, where they can be corrected or changed and then automatically printed.**  
typed words, diagrams, etc., and displays them on a screen

**A workshop is a room or building in \_\_\_\_\_.**  
which machines etc., are made or repaired

**A typewriter is a machine for producing writing similar to print. The person using it presses keys \_\_\_\_\_,**  
usually through a ribbon treated with ink.  
which cause raised metal letters, etc., to strike the paper

**A transformer is an apparatus for \_\_\_\_\_ supply, to allow a particular piece of electrical equipment to be used.**  
increasing or reducing the voltage of an electric power

**A transistor is a small \_\_\_\_\_ for controlling an electrical signal as it passes along a circuit.**  
electronic device used in radios, televisions and similar appliances

**A wrench is a kind of \_\_\_\_\_ nuts of different sizes.**  
spanner that can be adjusted to grip and turn

**A valve is a mechanical \_\_\_\_\_, allowing it to move in one direction only.**  
device for controlling the flow of air, liquid or gas

A software is a \_\_\_\_\_, etc., not forming part of a computer but used when operating it.  
data, programmes

A plug is a plastic or rubber device with metal pins that \_\_\_\_\_ to make an electrical connection.  
fit into holes in a socket

A nozzle is a piece at the end \_\_\_\_\_, with a narrow opening in it, through which a stream of air or liquid is directed.  
of a pipe or tube

A microphone is an instrument that changes sound waves into \_\_\_\_\_. It is used for recording or broadcasting speech, music, etc.  
electrical current

A Mercury is a chemical element. Mercury is a metal, silver in colour, often found in \_\_\_\_\_ form and used in thermometers.  
Liquid

A Map is a representation on paper of the earth's \_\_\_\_\_ or part of it, showing countries, rivers, mountains, oceans, roads, etc.  
surface