

**EXTENDED DEFINITION:**

A single line definition only specifies clearly and distinctly the basic nature and function of an object and which class belong to them. An extended definition includes the formal definition of the object and basic characteristic functions in addition to various sources of information like description, explanation, classification, comparison, process, examples and other supplementary information etc.

**Example****1. Calculator:**

A calculator is an electronic device used to perform arithmetic and logical calculations. it works on solar energy. It is small and handy. It is portable. It is of different sizes and shapes. There are two types of calculators, scientific and ordinary calculators.

**2. Barometer:**

A barometer is a scientific instrument used in meteorology to measure atmosphere pressure. It can measure the pressure exerted by the atmosphere by using water, air, or mercury. Pressure tendency can forecast short term changes in the weather.

**3. Appropriate Technology**

Appropriate Technology is a low cost technology which uses local resources available. it is eco-friendly. It is a low technology. Since it uses the local resources it is easy to use. Its maintenance is also easy. It works on human power.

**4. Robot**

A robot is a machine designed to execute one or more tasks repeatedly, with speed and precision. It can be controlled by a human operator, sometimes from a great distance. But most robots are controlled by computer.

## **5. Blue tooth:**

Blue tooth is a wireless technology standard for exchanging data over short distances from fixed and mobile devices, creating personal area net works with high levels of security. It is a wireless communication with PC input and optional devices.

## **6. Printer**

A printer is a device that accepts text and graphic output from a computer and transfers the information to paper, usually to standard size sheets of paper. Printers vary in size, speed, sophistication, and cost. In general, more expensive printers are used for higher-resolution color printing.

## **7. Laser Technology**

Laser technology is a technology which uses the power of radioactivity. It has many useful applications in various fields, especially in the field of medicine. Laser treatments help the patients get relieved of painful, invasive surgeries.

## **8. Offset Printing**

Offset printing is a commonly used printing technique in which the inked image is transferred (or "offset") from a plate to a rubber blanket, then to the printing surface. The rubber surface gives great flexibility, permitting, printing on wood, cloth, metal, leather and even rough paper.

## **9. Smart Phone**

A smart phone is a mobile phone that performs many of the functions of a computer, typically having a touch screen interface, Internet access, and an operating system capable of running downloaded apps.

## **10. Pollution**

Pollution is the process of making something unclean, dirty, impure and contaminated. Pollution take place normally through changes in energy patterns, radiation levels, chemical and physical constitutions. This sort of pollution includes the release of

materials into atmosphere which makes the air unsuitable for breathing, harm the quality of water and soil and damage the health of human being, plants, and animals

