

# ROUND ABOUT

## Worksheet - XV

Name: ..... Class: ..... Roll No: .....

### A. Match the following with the correct answers.



1. This is a machine which detects the hideous cancer cells in the body. It detects the gamma rays which are emitted from the radioactive glucose sample which is injected into the blood stream.

2. This is a device which is used for detecting the abnormalities like cancer which are situated inside the body. This device works on the principle of the effect of magnetic field on electrons.

3. This machine is used for purifying the blood of the patients who cannot normally remove the blood through urine due to kidney failure. For the survival of such patients this is a life saver.

a. Sphygmomanometer

c. Heart-Lung Machine

e. Magnetic Resonance and Imaging

b. Glucose Meter

d. Hemodialysis Machine

f. Positron Emission Topography

4. This device acts as an artificial heart and lungs for a patient undergoing bypass surgery when his or her heart or lungs are not functioning.

5. This machine is a life saving machine for the diabetic patients. It checks the blood sugar and identifies high or low blood sugar level.

6. This is an essential machine for doctors, it used for measuring the blood pressure. It has saved a billion of lives from heart attack and stroke.

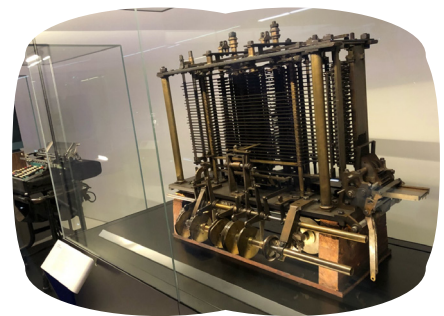
**B. Given below are the descriptions and the pictures of calculating devices. Take help from the Pick-up point and fill in the blanks.**

**Pick-up point-** Calculating clock, Abacus, Tabulating machine, Pascaline, Analytical Engine



This invention was made in 1890. By this device one could encode the data on the cards with the help of the punched holes. This device was invented by Herman Hollerith.

In 1830 Charles Babbage of Britain put forward the idea of calculating device. It formed the foundation for modern electronic computers.



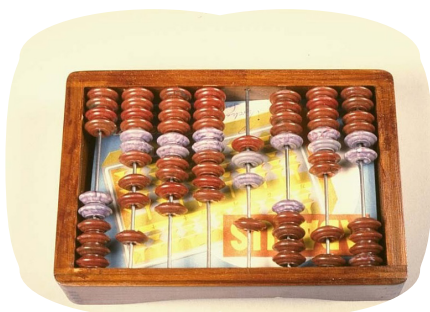
This mechanical calculator was invented in the year 1642 by Blaise Pascal of France. With the help of this calculator one can add, subtract, multiply and divide straightaway by way of replication.



Invented by Wilhelm Schickard of Germany. On this calculating device one could add with the help of wheels and can multiply and divide using the algorithm.



This calculating device was developed by the Chinese in 300 B.C. It is made of wood and beads. It is used all over the world for manual calculations.



C. Let's take a look at some chindogus. Your job is to try to find a name for these gadgets. What price could they be? What are they made for? Use your imagination!

**SPLATTER GUARD**



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Price: .....

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**BABY MOP**



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