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B.Sc. PART I(S) SUB/GEN.
CORE CONCEPT OF ECONOMIC BOTANY

1 WHEAT:

Botanical name:

Triticum aestivum

Family — GRAMINEAE

It is the most important cereal used by man as food from ancient times. It possesses a characteristic fruit type the caryopsis. The whole fruit or part used are embryo and endosperm.

2 - Rice (Paddy):

Botanical Name —

Oryza sativa

Family — Gramineae

It is the principal food crop of about half of the people of world about 50%. Whole part of seed is used.

3. Gram:

Botanical Name —

Cicer arietinum

Family — Leguminosae

The legumes or the so called pulses sub-family

papilionaceae form the sources of human food. next to the cereals, they are rich in proteins and are valuable as muscle and nerve builders.

4. Arhar

Botanical Name —

Cajanus cajan

Family — Leguminosae.

The legumes or the so called pulses form the sources of human food. They are rich in proteins and are valuable as muscle and nerve builders.

5. Groundnut

Botanical name —

Arachis hypogea

Family — Leguminosae.

The stalk of the ovary of ground nut shows positive geotropism after fertilization and grows down below soil to produce fruits. Seeds are eaten after roasting. Ground nut oil is used as such or as ghee after dehydrogenation.

6. Sugarcane

Botanical name —

Saccharum officinarum

Family — Gramineae

Sugar is obtained from juicy pith of the stem.