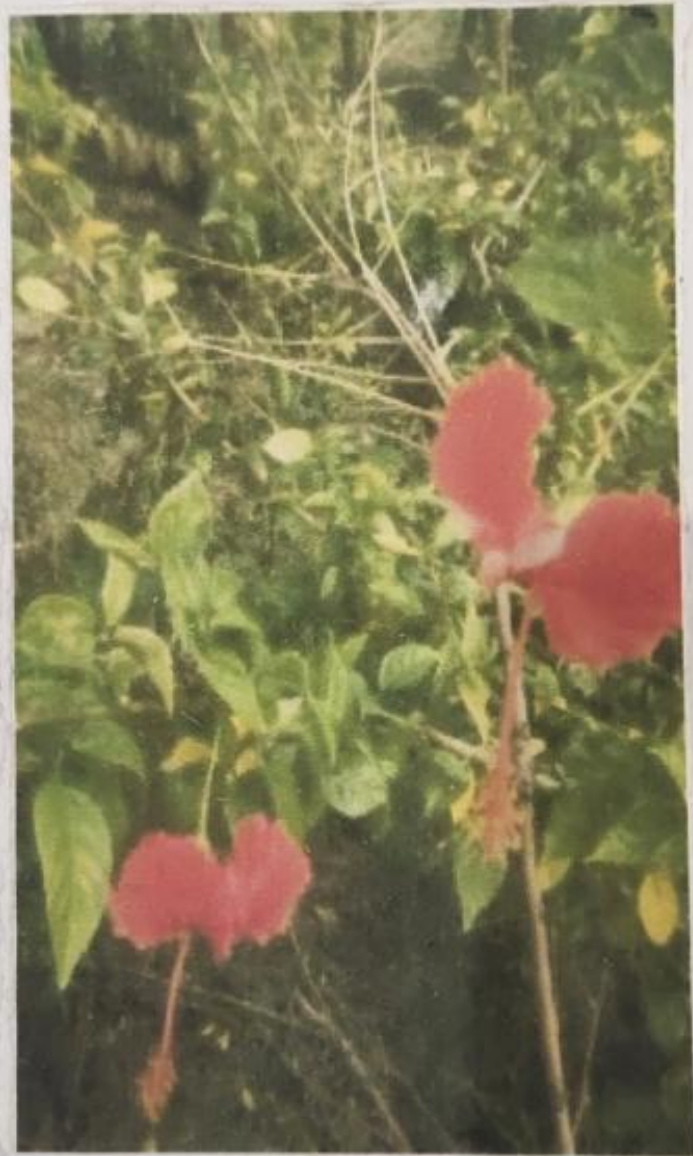


Field Report

Name:- Malkeet Kaur

Class:- B.Sc.-IInd year (Medical)

Roll no:- 14704



Hibiscus - rosa - sinensis (Chinese rose)

Systematic Position

Class - Dicotyledonae

Subclass - Polypetalae

Order - Malvales

Family - Malvaceae

Flower description

Habit:- A perennial shrub, cultivated ornamental

Stem :- Woody, aerial, erect, branched, cylindrical, solid, glabrous, green

Leaf :- Ramal and cauline, alternate, petiolate, simple, stipulate, shape ovate, serrate margin, acute apex, multicostate reticulate, glabrous.

Flowers : Pedicellate, ebracteate, complete, hermaphrodite (bisexual), actinomorphic, cyclic, hypogynous, pentamerous, epicalyx present outside the calyx, mucilage present.



Citrus limon (Lemon)

Systematic position

Class - Dicotyledonae

Subclass - Polypetalae

Series - Disciflorae

Order - Geraniales

Family - Rutaceae

Flower description

Habit :- A perennial cultivated small tree

Stem :-

Woody, aerial, erect, branched, cylindrical, solid, sparsely, spiny, green.

Leaf :- Ramal and cauline, alternate, petiolate, winged, unifoliate palmately compound, exstipulate, elliptic-lanceolate, crenate margin, acute apex, unicostate reticulate, venation, gland-dotted and odorless, glabrous

Flower :- Pedicellate, bracteate, complete, hermaphrodite, (bisexual), actinomorphic, cyclic, hypogynous, a cushion-shaped disc present between below the ovary, tetra- or -pentamerous, white



Ocimum sanctum (Tulsi)

Systematic position:-

Class - Dicotyledonae

Subclass - Gamopetalae

Series - Bicarpellatae

Order - Lamiales

Family - Labiatae (According to B&H)

Lamiaceae (Acc. to Cronquist & Takhtajan)

Flower description:-

Habit:- A perennial herb, cultivated as sacred plant, aromatic

Stem:- Herbaceous (or woody), aerial, erect, branched, quadrangular, solid, hairy, green.

Leaf:- Lamal and cauline, opposite, decussate, petiolate, simple, exstipulate, shape ovate, serrate margin, acute apex, unicostate reticulate venation, gland-dotted, aromatic smell present.

Flower:-

Pedicellate, bracteate (bracts small and caducous), complete, hermaphrodite (bisexual), zygomorphic, cyclic, hypogynous, pentamerous, pinkish.



Tagetes erecta (Genda)

Systematic position:-

- Class - Dicotyledonae
- Sub-class - Gamopetalae
- Series - Inferae
- Order - Asterales
- Family - Asteraceae (Compositae)

Flower description:

Habit: A annual cultivated ornamental herb

Stem: Herbaceous, aerial, erect, branched, angular, fistular, hairy, green

Leaf: Ramal and cauline, alternate, sessile, exstipulate, simple pinnatifid, entire, acute, unicastate reticulate venation, glabrous with aromatic smell.

Ray-Flower (ligulate)

Sessile, ebracteate, ligulate, incomplete, unisexual (pistillate), zygomorphic, epigynous, golden yellow

Disc-Floret (tubular)

Flower:- Sessile, bracteate, tubular, complete, hermaphro-dite (bisexual), actinomorphic, cyclic, epigynous, pentamerous, yellow.



Brassica campestris (Mustard)

Systematic position

Class - Dicotyledonae

Subclass - Polypetalae

Series - Thalamiflorae

Order - Parietales

Family - Brassicaceae

Flower description:-

Habit: A annual cultivated herb

Stem :- Herbaceous, above and woody below, aerial, erect, branched, cylindrical, solid, smooth and green.

Leaf :- Ramal and cauline, simple, alternate, sessile, exstipulate, radical leaves lyrate and deeply dissected, serrate margin, acute apex, unicastate reticulate venation, glabrous and hairy.

Flower :- Pedicellate, bracteate, complete, hermaphrodite (bisexual), actinomorphic; cyclic, hypogynous, tetramerous yellow.



Saccharum officinarum (Sugar cane)

Systematic position:

Class - Monocotyledonae

Series - Glumaceae

Family - Poaceae

Flower description:

Habit:- Usually annual and shrubs.

Stem: Culm with internode and jointed swollen solid node.

Leaf:- Simple, alternate, basal sheath surrounding internode and free linear blade, venation parallel, stipules absent.



Citrofortunella mitis (Orange)

Systematic position:

Class - Dicotyledonae

sub-class - Polypetalous

series - Dicotylar

Order - Geraniales

family - Rutaceae

Flower description:

Habit: - A perennial cultivated small tree

Stem: - Woody, aerial, erect, branched, cylindrical, solid sparsely, spiny, green.

Leaf: - Ramal and cauline, alternate, petiolate, winged unifoliate, palmately compound, exstipulate, elliptic-lanceolate, crenate margin, acute apex, unicostate reticulate ~~max~~ venation, gland-dotted and odorous.

Flower: - Pedicellate, bracteate, complete, hermaphrodite (bisexual), actinomorphic, cyclic, hypogynous, a cushion shaped disc present below the ovary, tetra or pentamerous, white



Solanum melongena (Brinjal)

Systematic position:-

Order - Solanales

Family - Solanaceae

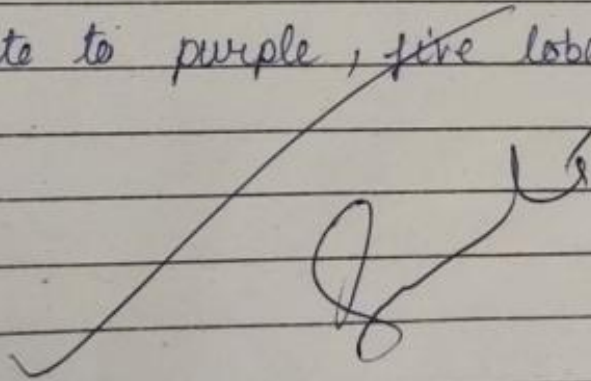
Flower description

Habit:- perennial, tender, cultivated shrubs.

Stem: spiny, herbaceous

Leaf :- coarsely lobed leaves

Flower:- white to purple, five lobed corolla





Musa acuminata (Banana)

Systematic position

Class - Equisetopsida

Sub-Class - Magnoliidae

Order - Zingiberales

Family - Musaceae

Flower description

Habit:- perennial plant, cultivated

Stem:- Herbaceous, long, pseudostem

Leaf :- Large sized, parallel venation, petiolate, laminate, spirally arranged