**LAB-10-**

**Preparation of meiosis stages and chromosomes from flower buds**.

1-Take flower bud of *Rosa sp or any plant, then*  put the bud in fixative (3 volume ethanol + 1 volume G.A.A),for one hrs .

2- Examine by dissecting microscope the anther& ovule of flower.

3- Cut the anther into many pieces.

4- Stain by Giemza stain for (5 mint.)

5-Put cover slide and examine under microscope.

**Microspore mother cell (2 n)**

**↓meiosis 1**

**2 Microspores (1n)**

**↓meiosis2**

**4 Microspores (1n)**

**↓**

**Immature pollen grain (1 n)**

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