

**Activity -23**

**Topic:** Write the example and mechanism of action of antidepressants and Paste the pictures.

**Antidepressants**

.....

.....

**Reason of Depression:**

.....

.....

**Location of Enzyme:**

MAO-A enzyme

.....

MAO-B enzyme

.....

**Classification of Antidepressants drugs:**

**1. Monoamine oxidase inhibitors (MAOI):**

a. MAO-A enzyme inhibitor: e.g. \_\_\_\_\_

b. MAO-B enzyme inhibitor: e.g. \_\_\_\_\_

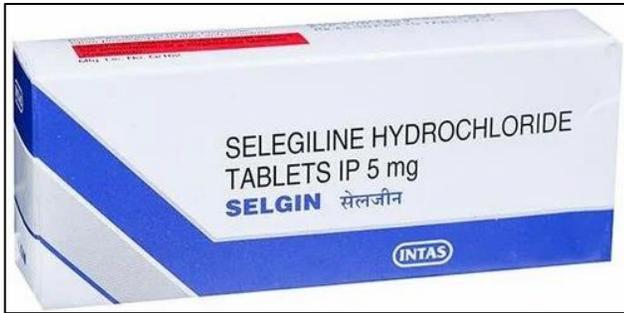
**2. Tricyclic antidepressants (TCA):** e.g. \_\_\_\_\_

**3. Selective serotonin reuptake inhibitors (SSRI):** e.g. \_\_\_\_\_

**4. Other (atypical) antidepressants:** e.g. \_\_\_\_\_

**5. Mood stabilizing drugs:** e.g. \_\_\_\_\_

| S. No. | Drug       | Mechanism of Action |
|--------|------------|---------------------|
| 1.     | Selegiline |                     |
| 2.     | Imipramine |                     |
| 3.     | Fluoxetine |                     |
| 4.     | Trazodone  |                     |



**Imipramine**

**Fluoxetine**

**Trazodone**