Mania

- Mania is a severe medical condition characterized by extremely elevated mood, energy, and
- Unusual thought patterns
- It is most often associated with bipolar disorder
- Where episodes of mania may cyclically alternate with episodes of clinical depression

Euphoria

- Is a medically recognized emotional state related to happiness
- Technically, euphoria is an effect
- Often used as a transcendent happiness

Bhang

- It is a popular recreational and
- Ritualistic intoxicant used for millennia
- It consist of dried leaves of Cannabis indica
- It is taken orally
- The action is slow

Antimanic Drug

Lithium Carbonate

- Lithium in pharmacology refers to use of the lithium ion, Li+, as a drug
- They are used medically as a mood stabilizing drug
- Primarily in the treatment of bipolar disorder
- Depression
- Mania
- As a mood stabilizer, more effective in preventing mania than depression

Mode of Action

- The mechanism of action of Li^+ as a mood-stabilizing agent is currently unknown
- It interacts with the transport of monovalent or divalent cations in neurons
- Li^+ can replace Na^+ for production of a single action potential in neurons

Uses

- Acute manic episodes
- Prophylaxis in bipolar disorders
- Recurrent neuropsychiatric illness
- Leucopenia {chemotherapy induced}
- Agranulocytosis
- Inappropriate ADH secretion syndrome

Adverse Effects

- Nausea
- Vomiting
- Mild diarrhoea
- Polyuria
- Tremors
- Ataxia
- Convulsions etc

Psychomimetics

These are the drugs which alter

- Mood
- Behavior
- Thought and
- Perception
- Many naturally occurring hallucinogenic products used since prehistoric time

Many synthetic compounds are also been synthesized

- They are classified as :

  Indole amines

  Phenyl alkyl amines

  Arylcyclohexyl amines

  Cannabinoids

Indole Amines

Lysergic acid diethylamide

- Its an ergot alkaloid
- It is the most potent drug
- 25-50micro grams produce all effects

Other compounds

- Lysergic acid amide
- Pesilocybin
- Harmine
- Bufoten

Phenyl alkyl amines

Mescaline

- Low potent hallucinogen
- Not have sympthomimetic effect

Arylcyclohexyl

- It is an anti cholinergic causes
- Disorientation
- Distortion of body images
- Hallucinogens
- Anaesthetic like state

Cannabinoids

Tetrahydrocannabinol

- It is an active principle of Cannabis indica
- Most popular recreational and ritualistic intoxicant
- Its use is spread world wide
- They are mostly misused for their hallucinogenic effect

Various Forms of Cannabinoids

Bhang

- Dried leaves
- Taken by oral route

Ganja

- Dried female inflorescence
- Most potent
- Immediate effect

Charas

- Dried resinous extract from the flowering tops and leaves
- Most potent
- Smoked with tobacco