

# DRUGS

---SK.M.BASHA

Type of the drug	Name of the drug	Extracted from	Physical properties	Receptors	Mode of abuse	Effect
<b>Opioids</b>	<b>i) Morphine</b>	The dried latex of the unripe seed capsule (pod) of Poppy plant ( <i>Papaver somniferum</i> )	Colourless crystals or white crystalline powder	<b>CNS</b> and <b>GI</b> tract	Snorting (an act of forcible inhalation of drugs) and Injection	Sedative (depressant) and painkiller, very useful in patients who have undergone surgery
	<b>ii) Heroin</b> (chemical name: <b>Diacetylmorphine</b> , Common name: <b>Smack</b> )	Obtained by the acetylation of morphine	White, bitter, odourless and crystalline compound)	<b>CNS</b> and <b>GI</b> tract	Snorting and injection	Depressant, slows down the body functions
<b>Cannabinoids</b>	<b>Marijuana, Hashish, Charas and Ganja</b>	The flower tops, leaves and resin of the Indian hemp plant ( <i>Cannabis sativa</i> )	-----	Brain (part of <b>CNS</b> )	Inhalation and oral ingestion. (Note: These drugs are used by sports-persons (doping))	On Cardiovascular system (Circulatory system)
<b>Coca alkaloids / Cocaine</b>	<b>Coke or Crack</b>	The leaves of Coca plant " <i>Erythroxylum coca</i> " (South America)	White, crystalline	<b>CNS</b>	Snorting	It has potent stimulating action on <b>CNS</b> , It interferes with the transport of the neurotransmitter ' <b>dopamine</b> '. Hence it produces a sense of <b>euphoria</b> and increased energy. Excessive consumption causes hallucination.