**ADVANCED PHARMACOLOGY (ELECTIVES)**

**B.Pharm 8th Semester**

**10th assignment**

**Short answer questions.**

Q1: Define receptors.

Q2: Define second messengers.

Q2: Define effector proteins.

Q3: Enlist the cannabinoid receptors and their location.

Q4: Enlist melatonin receptors and their signaling.

Q5: Define synaptic plasticity.

Q6: Define excitotoxicity.

Q7: Write the function of nigrostriatal pathway.

Q8: Enlist the adenosine receptors and their location.

Q9: Enlist different types of phospholipases.

Q10:Enlist the major types of G proteins and their effector proteins.

**Long answer questions**

Q1: Explain purine receptors in detail.

Q2: Write a note on cyclic nucleotides.

Q3: Write a note on purine receptors.