**NORTH POINT SENIOR SECONDARY BOARDING SCHOOL, RAJARHAT**

**Class XI Science**

**Subject : Biology**

**Assignment of the chapter: Morphology of Flowering Plants**

**Answer the following questions-**

**1. Draw a well labelled diagram of:**

**(a) monocot seed**

**(b) dicot seed**

**(c) fruit**

**2. Write the floral formula and floral diagram of:**

**(i) Bracteate, dioecious, trigamosepalous, imbricate aestivation, hexapolypetalous in 3+3 arrangement, valvate aestivation, stamen 3, free.**

**(ii) Bracteate, heptapolytepalous, twisted aestivation, tetracarpous, free, hypogynous, parietal placentation.**

**(iii) Epicalyx 5, sepals 5, fused, imbricate aestivation, pentapolypetalous, vexillary aestivation, stamen 6 in 1+2+3 arrangement, epipetalous.**

**(iv) Pentapolypetalous, gamosepalous, twisted aestivation, petals 5, polypetalous, vexillary aestivation, pentapolyadelphous, (5 stamen, free), unicarpous, epigynous, basal placentation.**

**3. Mention any five modifications of leaf and stem with one example of each.**

**4. Why do you think that the mango and coconut fruits are called drupe? Which layer is edible in these fruits?**