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

**Class - XI Science**

**Subject : Biology**

**Assignment on Chapter 6 ( Anatomy of Flowering Plants)**

**Answer the following questions:**

**1. Differentiate between: (Three Point Each)**

 **(i) Trichomes and root hairs**

 **(ii) Tracheids and Vessels**

 **(iii) Protophloem and Metaphloem​**

 **(iv) Primary Meristem and Secondary Meristem**

 **(v) T.S. of Monocot root and Dicot root**

 **(vi) T.S. of Maize(*Zea mays*) stem and Sunflower stem**

 **(vii) T.S. of Monocot leaf and Dicot leaf**

 **(viii) Sieve cells and Sieve tubes**

 **(ix) Conjoint closed and Conjoint open Vascular bundles**

 **(x) Radial and Conjoint Vascular bundles**

 **(xi) Endarch and Exarch**

 **(xii) Tetrach and Polyarch**

 **(xiii) Lateral cambium rings and vascular cambium annual rings**

**2. Write a note on Secondary growth in Stem and Root in points.**

**3. How cambium annual rings form in dicot stem?**

**4. Name the permanent cells which makes up Cortex.**

**5. How Endodermis differ from Pericycle?**

**6. Name the Permanent tissue which is comprised by Hypodermis.**

**7. What do you mean by Ground tissue?**

**8. Describe briefly the internal structure of Sunflower stem with help of labelled diagram.**