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

**Class : XI Science (2020-21)**

**Subject : Biology**

**Assignment of chapter "Structural Organisation In Animals"**

**Answer the following questions:**

**1. Mention two types of epithelium on the basis of the number of layers.**

**2. What are three types of simple epithelium w.r.t. the structure.**

**3. Write three differences between cuboidal and columnar epithelium.**

**4. Mention the type of epithelial tissues present in:**

**a) lining of stomach**

**b) duct of glands**

**c) inner surface of bronchioles**

**d) skin**

**e) tubules of nephron**

**f) inner layer of oesophagus**

**g) inner layer of check**

**5. Differentiate between (two differences each):**

**a) areolar and adipose tissue**

**b) collagen and elastin**

**c) bone and cartilage**

**d) tendon and ligament**

**e) granulocytes and agranulocytes​**

**f) uricotelism and ureotelism**

**g) aestivation and hibernation**

**h) poikilotherms and haemorrhages**

**i) cutaneous respiration and pulmonary respiration**

**j) ctenial respiration and tracheal respiration**

**k) closed and pen vascular system**

**6. Write three functions of fibres secreted from the cells of connective tissue.**

**7. What is the work of modified polysaccharides?**

**8. What do you mean by myofibrils?**

**9. How does our muscle work?**

**10. What do you know about Neuroglia?**

**11. Expand PCT.**

**12. What are the two common genus of earthworm found in India?**

**13. Write a short note on:**

**a) Clitellum**

**b) Setae**

**c) Nephridia**

**d) Malpighian tubules**

**e) Mimicry**

**f) Camouflage**

**g) Ommatida**

**h) Tympanum**

**i) Haemolymph**

**14. Describe three types of Nephridia found in earthworm.**

**15. Write the Scientific name of Cockroach and Frog.**