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

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

**Subject : Biology**

**Assignment of chapter 3: "PLANT KINGDOM"**

**Write the answers of the following questions:**

**1. Name one microscopic unicellular algae.**

**2. Name one colonial algae.**

**3. Name two filamentous algae.**

**4. Name three edible marine algae.**

**5. What do you mean by Hydrocolloids? Name two algal hydrocolloids.**

**6. Name two species of algae which produces Agar.**

**7. Mention any three uses of Agar.**

**8. Name two protein-rich unicellular algae.**

**9. Write the location and two functions of Pyrenoids.**

**10. What is the specific feature of \_Ectocarpus\_ ?**

**11. What do you mean by Kelp?**

**12. What do you mean by algin?**

**13. Name three parts of the differentiated body of brown algae.**

**14. In which group of Thallophyta, you observe pyriform shaped gametes?**

**15. Differentiate between:**

**a) Antheridium Archegonium**

**b) Gametophyte and Sporophyte.**

**c) Archegoniophore and Antheridiophore.**

**16. Name the exception from algae which is Diplontic.**

**17. Name two alga which shows Haplo-diplontic life cycle.**

**18. What do you mean by: a) Coralloid roots**

**b) Thallus**

**19. Differentiate between:**

**a) Male Strobili and Female Strobili.**

**b) Homosporous and Heterosporous.**

**c) Primary protonema and Secondary protonema.**

**d) Microphylls and Macrophylls**

**20. Name the gametes produced from Antheridium and Archegonium.**

**21. What is the significance of gemmae?**

**22. Name one branched and one unbranched Gymnosperms.**

**23. Name one unisexual plant and one bisexual plant of Bryophyta.**

**24. Why Bryophyta is called as the Ambhibian of Plantae?**

**25. Expand PEN.**