

LAWRENCE COLLEGE, GHORA GALI, MURREE.

SYLLABUS AND HOMEWORK FOR VACATIONS

Class: O-II Subject: Biology

Chapter: 09 and 10

The Questions mentioned below, should be answered by the student on proper stapled pages

Q1: Write the functions of Xylem and Phloem.

Q2: Write the different patterns of lignification in Xylem vessels.

Q3: Write the components of Phloem.

Q4: What is the function of Cortex and Pith?

Q5: What is a root hair?

Q6: What is piliferous layer?

Q7: Why does a root hair not possess cuticle?

Q8: Draw a neat and labeled diagram of internal structure of Dicot stem.

Q9: Differentiate between Diffusion and Active transport.

Q10: Define Transpiration.

Q11: Differentiate between Transpiration pull and Transpiration stream.

Q12: Write the factors, affecting the rate of Transpiration.

Q13: What is Wilting? What are its advantages and disadvantages?

Q14: Define Respiration. Differentiate between Aerobic and Anaerobic respiration.

Q15: Write a complete and balanced equation for Respiration.

Q16: Differentiate between Alcoholic fermentation and Lactic acid fermentation.

Q17: When is Lactic acid produced in our muscles? What is its effect?

Q18: Write the parts of Human air passage in proper sequence.

Q19: Differentiate between Inspiration and Expiration.

Q20: Where are the dust and foreign particles get trapped in our body?