P-2-18101041 el-WIII significance of Transpiration. transpiration acts as a significant phonorman, for the plants. Some major advantages of transpiration. (i) Helps in exchange of gases in the plants.
(ii) Provides cooling effect. (ii) Increases the upward movement of water inte styleren. (iv) Also influences the movement of minerals olong with water absorption. (1) maintain the shape and structure of plant parts by keeping the cells (vi) Control the nate of absorption of water by poots through transpiration Disadvantages Et Transpiration: It excess armount of transpiration occurs
it may lead to: Witting of Plants. Tremature falling of leaves

el-VIII) BIOLOGY On: 16.8.20 8-4 TOPIC: FACTORS AFFECTING TRANSPIRATION AND SIGNIFICANCE OF TRANSPIRATION 9. What are the factors that appet the pate of transpiration? A: Environmental Factors:-(i) Temperature: Transpiration increases with increase in temperature and vice-versa. (i) Humidity: It air in humid, transpiration will be reduced. (11) Internsity of suntight: Transpiration in more in high intensity, i.e. in day time. (iv) Co2 Concentration: Transpiration decreases with the increase in co2 concentration. (v) Velocif of wind: Transpiration increases with the velocity of wind. Internal Factors: (1) Leof area. Larger leaves lose more water then smaller onl. (1) Age of plants: Rate of-transpiration in slow at the seedling stage, manimum at maturity and gradully decreases aging. (11) Water content of leaves: The leaves wilt to reduce transpiration if the waters content of leaves decreases due to insufficient absorption of waters by roots.