**Environmental health Examination of Practical forest ecology Time:-1hr.**

**and science department**

**College of science- salahaddin university 3th stage**

**Q1/fill in the following blanks by correct words?**

1. **Type of moisture are ------------- and----------- .**
2. **Non resistant trees for freezing ------------,-----------and------- .**
3. **The leaves which grow in light are ------,---------than the leaves that grow in shad.**
4. **The --------- of wind in the upland areas measure by equipment called----------- .**
5. **Trees affect storms which are pulling from the root and affect on the economic is -------- .**
6. **Lyme disease causes ---------,-----,------,----------and-----------**

**Q2/ Define the following?**

**1-Wind**

**2- Physiological drought.**

**3- Stem flow**

**4- Heat**

**5-Rain**

**Q3/what is the measurement that taken for comparison between the seedling and talk about one of them.**

**Q4/ what is beaufort scale , what is meaning if the beaufort number are 3,7 and 12.**

**Q5/ Snow has many damages which are different according to ?**

**Q6/Effect of high soil tempareture on root, mention five point only?**

**Q7/mention name and use of the following instrument?**

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**E**

**D**

**C**

**B**

**A**

**Q8/ WriteThe needs for production tree seedling? .**

**Q9/Write the effect of respiration and photosynthesis ratio on the plant growth?**

**Q10/ If someone in forest was bitten by snakes what’s the first aid you must do it for him?**

**Q11/ write the factors that affected the runoff that get through stem?**

**Q12/what is the nursery and write the properties of lath house?**

**Q13/If we have plant the dry weight of root is 1gm the stem dry weight is 3gm and leaf dry weight is 1.5 gm calculate root shoot ratio for this plant?**

**Q14/ write the effect of high soil temperature on root?**

**Q15/ write the precipitation resource in the forest as a source of moisture?**

**Q16/ Damages that caused by insect and explain one of this damage?**

**Q17/ write the physiological damage of wind on trees in forest?**

**Q18/ write the effect of forest on wind?**

**Q19/ How much light needs plant?**

**Q20/whates the scale for assessing plant condition and mortality?**

**Q21/ What you do when you can’t avoid poisonous plants?**

**Q22/ Write the types of pit viper snakes and write the symptoms of hemotoxins that caused by this type of bitten?**

**Q23/ write the difference between hemotoins and neurotoxine that causes by bitten snakes?**

**Q24/ whats the general rules you taken to be safe from bitten snakes in forest?**

**Q25/ write the types of venomous snakes that’s present in forest?**

**Q26/ What’s the types of nursery?**

**Q27/ mention the purpose of constructing nurseries?**

**Q28/ write the main types of plastics used in the coverage of plastic houses?**

**Q29/ what’s you must do when you caught the storm in forest ?**

**Q30/ write the personal equipment if you wanted to went to the forest?**

**Q31/ Write disease the caused by tick bitten in forest?**

**Q32/ write the apparatus that used for measuring the following?**

1. **Wind speed**
2. **Light intensity**
3. **Chlorophyll in plant**

**Q33/ Differences in the amount of reflected solar radation and the penetration in to the forest and exploited by trees depending by many factors including?**

**Q34/write one species of each trees and shrubs of forest according to their tolerant to light and shad?**

**Q35/ what’s the composition of the light?**

**Q36/ write the division of forest trees according to their requirement to moisture?**

**Q37/ define the hail and write the harmful of hail which causes the trees in forest?**

**Q38/ whate the deference between heat and tempareture?**

**Q39/ What’s the effect of low temperature on root growth?**

**Q40/define the wind ?write the positive effect of wind on trees?**

**Q41/ what’s the physiological drought?**

**Q42/ what’s the stem flow in forest?**

**Q44/ write the scientific name of trees that affected by storm alittle bit?**

**Q45/ write the important of temperature?**

**Q46/ how change the temperature according to atmospheric layer?**

**Q47/ write the mechanical damage that occurs by low temperature on trees?**

**Q48/define photosynthesis process with equation?**

**Q49/ write the specification of light?**

**Q50/ what’s the chlorophyll meter ? for what purpose used ?**