



- 1) (a) What is the use of hydrometer?
 (b) Write the equation which is used find the density.
 (c) The mass of a solution, which has the density of 900kgm^{-3} is 450kg. What is the volume of it?

- 2) (a) What is meant by green concept?
 (b) Name two places in the world which adopt the green concept.
 (c) What is called organic farming?
 (d) Write 2 agricultural practices used for pest control.

- 3) (a) What is the base of classifying human blood into 4 groups.
 (b) Name two main factors of blood which must be compatible between two people for blood transfusion.
 (c) What are the two terms use for two individuals who participate in blood transfusion?

- 4) Write the parts of human eye and ear which is important to following functions.
 - (a) Control the pressure on either side of tympanic membrane –
 - (b) The light sensitive rod cells and cone cells are located in this layer –
 - (c) Helps to change the curvature of the lens when necessary -
 - (d) Contributes to maintain the balance of the body –
 - (e) Supplies blood to the eye -