CLASS : IX   SUB: SCIENCE – BIOLOGY   MARKS : 20

1. ASSIGNMENT:

"It is interesting to note that poultry is India's most efficient converter of low fibre food stuff (which is unfit for human consumption) into highly nutritious animal protein food.

2. SURVEY:

Visit a fish farm in fish breeding season and note the following :

a) Varieties of fish in the ponds
b) Types of ponds
c) Feed ingredients being used in the farm
d) Find out what the production capacity of the farm is.

KENDRIYA VIDYALAYA IIT Campus , Chennai -600 036.

Holiday Home Work – Summer Vacation

Class IX- CHEMISTRY

1. Consider water as a matter. Prepare
   a) What are the states it exists?
   b) Write any three properties to distinguish the states of matter.
   c) What are the uses of each state give two example.
2. Wood, plastic, rubber, iron, aluminium, glass. Select any four materials what happens when each on heating, on cooling, on hammering, on compressing.
3. Since being the summer season we prefer to take cool drinks as a fruit juice, soft drink, squash raw fruits etc. Select any two of them analyze the advantage and disadvantage.
4. For Jawaharlal Nehru Science Exhibition under the following topics any one project as a working model can be prepared and submitted:
   1) INDUSTRY,
   2) NUTRITION AND HEALTH,ENERGY,
   3) TRANSPORT AND COMMUNICATION,
   4) DISASTER MANAGEMENT,
   5) FOOD and AGRICULTURE SAFETY

CLASS IX PHYSICS   HOLIDAY   HOME WORK

1. Define the following quanties.

   a) Velocity (give its unit and formula)
   b) Speed (give its unit and formula)
   c) Acceleration (give its unit and formula)
   d) Uniform velocity and non uniform velocity
   e) Uniform speed and non uniform speed
   f)   Uniform acceleration and non uniform acceleration

   2.Derive the equations of motion using velocity-time graph.

   3.Numericals   given in the class notes .

   4.Draw the following graphs on the graph sheet for the data on your own

   Uniform speed   (2)
   Non uniform speed (2)
   Uniform velocity (2)
   Non uniform velocity (2)
   Graph (v-t) to show that area under the graph gives the distance
   covered by the object