



## Department of Provincial Education Sabaragamuwa – Sathi Pasala

Subject - Science

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Grade 09

Week - 02

### **UNIT 01- Application of Micro-organisms**

#### **Lesson – Applications of Microorganisms**

- Study page no:06 & answer to below questions.
  1. What is mean by industrial microbiology?
  2. Write 05 large scale or small scale industries which are used microorganisms.
  
- Study Activity 1.1 in page 07 & give answers.
  1. Prepare a list of the materials that need for production of yoghurt in activity 1.1
  2. Write in brief the steps of the method you followed for the production of yoghurt.
  
- Refer page 7,8,9,10,11,12 & 13. Then fill in the blanks using suitable words.
  1. .... is a disease caused due to the pathogen entering the body through the urogenital tract or by a blood transfusion. ( Amoebic dysentery/ Aids)
  2. ....is an external factor that cause food spoilage. ( Temperature/ Rainfall)
  3. Biogas used as an energy source, mainly contains.....gas. ( L.P/ Methane)
  4. Plant fibers are bound together by the compound called.....(Pectate/ Pectorals)
  5. Pathogenic microbes that cause common cold enter the body through.....  
( Respiratory system, Digestive system)
  6. Bioleaching is metal extraction from ..... ores, using microorganisms.  
( Low grade/ High grade)
  7. Bio-remediation is technique of using microbes for..... environmental pollutants.  
( Removing/ adding)