



**Octahedral classes, kharadi**  
**2nd floor, yashwant plaza, near bank of India,**

**CLASS 09 - SCIENCE**

**Why do we fall ill**

**Time Allowed: 1 hour and 30 minutes**

**Maximum Marks: 20**

**Section A**

1. Answer the following in short [10]
  - a) Give one example each of diseases caused by bacteria and virus.
  - b) Mention the modes of transmission of tuberculosis.
  - c) Name two diseases against which vaccines are available ?
  - d) Name two barriers, which prevent the entry of microbes in the body ?
  - e) What are congenital diseases ?
  - f) Name the chemical released by the damaged cells which causes inflammation.
  - g) What are signs of disease ?
  - h) Why is rabies also called hydrophobia?
  - i) Name the most common method to prevent infection.
  - j) Mention a biochemical process, which is blocked by sulpha drugs in bacteria.
2. Answer in brief [5]
  - a) Why do some children fall ill more frequently than others living in the same locality?
  - b) Why female Anopheles mosquito feeds on human blood ?
  - c) What kills bacteria in our food in the mouth and stomach ?
  - d) Give any four factors necessary for a healthy person.
  - e) How has WHO defined health ?
3. Long answer [5]
  - a) Discuss types of anaemia with their symptoms.
  - b) Discuss the causes, symptoms, preventive measures and treatment of AIDS.
  - c)
    1. What are the causes and symptoms of malaria?
    2. How can it be prevented and controlled?
  - d) A person is suffering from watery diarrhoea, effortless vomiting without nausea and loss of several litres of fluid takes place within hours.
    - i. Name the disease and its causal organism.
    - ii. Suggest some preventive measures to avoid this disease.
    - iii. Can the spread of this disease be controlled? If yes, how?
  - e) What are the means of spread of diseases?