

* Ch-13 : Why Do We Fall Ill ?

* Higher Order Thinking Skills

* Answers :-

- i.a.i. Abdominal pain - abdominal
ii. Diarrhoea - intestine
iii. Vomiting - esophagus
iv. Loss of appetite - brain

- b.i. Drink clean water
ii. Go to doctor
iii. Eat healthy food

c. An oral rehydration solution (ORS) is a mixture of electrolytes, sugar, and water taken by mouth to absorb water and electrolytes into the body & properly restore the electrolyte & fluid balance lost by excessive sweating, vomiting, or diarrhea.

2.* Giving penicillin will not be useful (it is actually used for headaches)

a. 2 types are found: conjugated & unconjugated bilirubin jaundice. Jaundice is a sign in several diseases due

to viruses (viral hepatitis & arbovirus), parasites (malaria) & bacteria (leptospirosis).

b. Target organ is liver.

3.a. The common cold is a viral infection of your nose & throat (upper respiratory tract). It's usually harmless, although it might not feel that way. Many types of viruses can cause a common cold.

b. Microorganisms capable of causing disease — pathogens — usually enter our bodies through the mouth, eyes, nose, or urogenital openings, or through wounds or bites that breach the skin barrier. Organisms can spread — or be transmitted — by several routes.

4.a. Polio is caused by poliovirus.

b. Pulse polio is an immunisation campaign established by the government of India to eliminate poliomyelitis (polio) in India by vaccinating all children under the age of 5 years against the polio

virus. The project fights polio through a large-scale, pulse vaccination programme & monitoring for poliomyelitis cases.

c. OPV = oral polio vaccine.

5.a. Sheela was so concerned about the cleanliness of her surroundings because if she live in an unhygienic surrounding she would suffer with various types of diseases due to which she couldn't able to study.

b. Due to lack of sanitation disease like typhoid, cholera can be spread.

c. The problem of sanitation can be solved by proper disposal system in her surrounding & through proper sanitization.