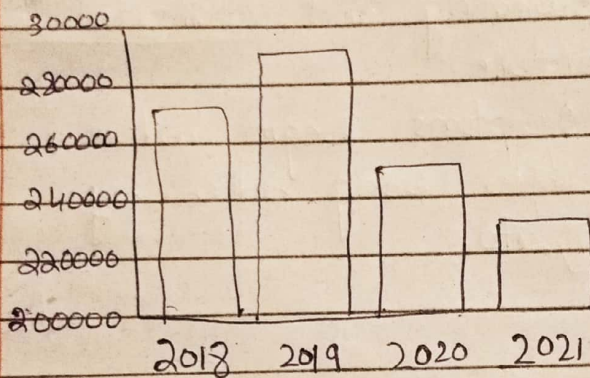


Assignment

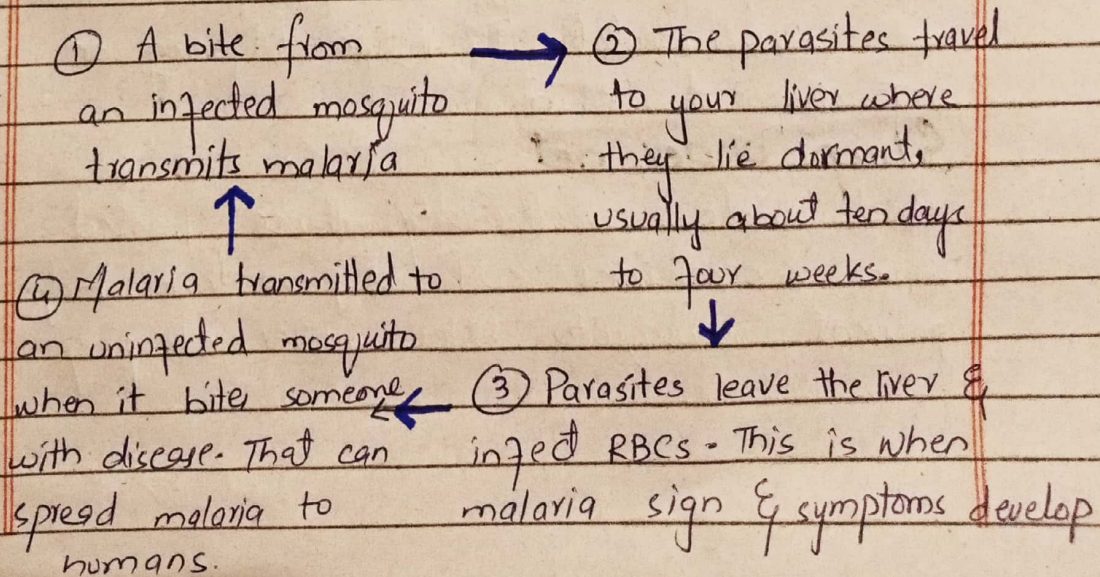
Define Malaria. Write down its causes, symptoms and preventive measures?

**1- Definition:**

The World Health Organization defines malaria as a life threatening disease caused by parasites that are transmitted to humans through the bites of infected female Anopheles mosquitoes.

**2- Causes:**

Malaria is caused by a single-celled parasite of genus Plasmodium. The parasite is transmitted to humans most commonly through mosquito bites.



### 3- Symptoms:

Signs and symptoms of malaria may include:

Fever, Headache, Nausea, vomiting, chills, Diarrhea, Abdominal pain, fatigue, Rapid breathing, Rapid heart rate, Cough

→ Some malaria attacks usually starts with shivering and chills, followed by high fever, sweating and return to normal temperature.

→ Signs and symptoms begin within a few weeks after being bitten by infected mosquito.

### 4- Prevention:

To protect oneself from mosquito bite:

**Cover Skin:** wear pants, long sleeved shirts. tuck pants into socks.

**Apply insect repellents**

Use an insect repellent registered with the Environmental Protection Agency on any exposed skin.

**Sleep under net**

Bed nets, particularly those treated with insecticides such as permethrin, help prevent mosquito bites while sleeping.