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# **Topic Wise Content**

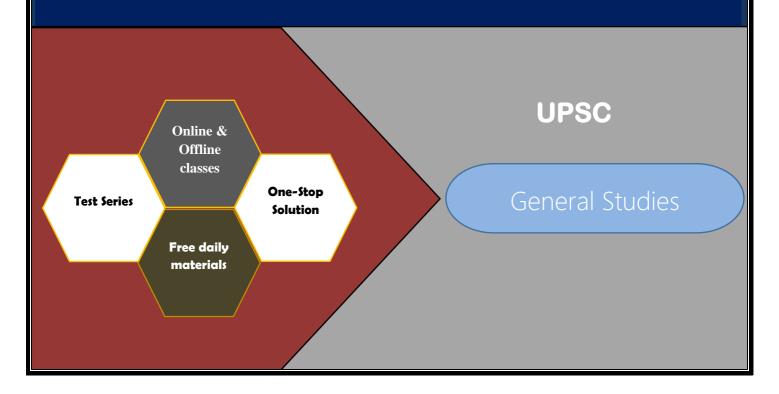


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## **Norovirus**

### Notes for civil services preparation





#### **Norovirus**

Recently, a highly contagious virus named Norovirus has been detected in Kerala.

#### **Key Points**

#### **About:**

- It is a group of viruses that leads to **gastrointestinal illness.**
- It causes **inflammation of the lining of the stomach and intestines**, in addition to severe vomiting and diarrhoea.
- Norovirus is **resistant to many disinfectants and can heat up to 60°C.** Therefore, merely steaming food or chlorinating water does not kill the virus. The virus can **also survive many common hand sanitisers.**

#### **Transmission:**

- A person can be infected with different varieties of norovirus several times in their lives, but developing immunity to one type doesn't provide protection against other varieties.
- The virus can be transferred from an infected to a healthy individual through contaminated surfaces or food.
- The virus can primarily be **transmitted from oral-faecal.**
- Disease outbreaks typically occur aboard cruise ships, in nursing homes, dormitories, and other closed spaces.

#### **Vulnerable Group:**

• The virus can affect people across all age groups but is known to causeserious symptoms in children, the elderly and people with comorbidities.

#### **Symptoms:**

Diarrhoea, Vomiting, Stomach ache, Gastrointestinal problems etc arethe symptoms.

#### **Treatment:**

 While there is no specific treatment available to cure the virus, generic medications for diarrhoea and vomiting can help cure the disease.

#### **Status:**

- There are 685 million cases annually, of which 200 million are detected among children younger than five years.
- Nearly 50,000 children die every year due to diarrhoea caused by thevirus.

