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# Topic wise content



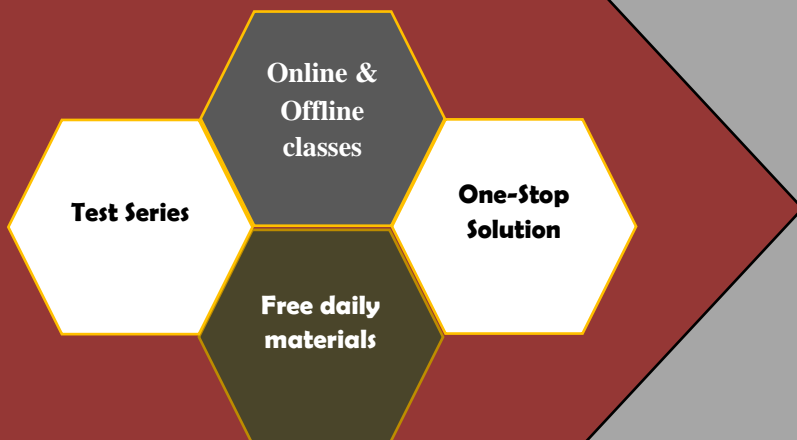
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## Equine Herpes Virus Outbreak in Europe

Notes for civil services preparation



UPSC

General Studies

## Equine Herpes Virus Outbreak in Europe

There has been an outbreak of **Equine Herpes Virus (EHV-1)** among horses in **Europe**.

- So far seven countries have confirmed EHV-1 cases: Spain, Belgium, France, Germany, Italy, Sweden and

### Key Points

- **About Equine Herpes Virus (EHV):**
  - Equine Herpes Virus is a common **DNA virus** that occurs in horse populations
  - EHV is a family of viruses which are named by numbers such as **EHV 1, 2, 3, 4 and**
    - There are more viruses in this family, but **EHV 1, 3, and 4 pose the most serious health risks for domestic**

### Health Risks:

- **EHV1** can cause manifestations of disease in horses, including respiratory disease, abortion and neonatal death.
- This strain can also cause **neurological problems**, leading to **paralysis** and in some cases, Horses that contract this virus can develop a **lack of coordination, weakness, loss of appetite and are unable to stand**. Spread of EHV-1 Virus:
  - It is **contagious** and spread by **direct horse-to-horse contact** via the respiratory tract through nasal

- This virus can **also be spread indirectly** through **contact with physical objects** that are contaminated with the
- **Equine Herpesvirus Myeloencephalopathy (EHM)** is another name for the neurologic disease associated with Equine Herpes Virus (EHV)

### **Precautions and Treatment:**

- As the infection has a high transmission rate, **keeping a diseased horse in isolation** is
- Treatments may include **anti-inflammatory**

