



2025 Prelims General Science Report Card

**Contact 75979-00000
for
IAS Classes and Study Material**

**Total Questions = 2
Hits = 1
Miss = 1**

PrepMate IAS

Prelims 2025 Questions	PrepMate IAS Notes - Miss
<p>Q1. With reference to monoclonal antibodies, often mentioned in news, consider the following statements:</p> <ol style="list-style-type: none"> I. They are man-made proteins. II. They stimulate immunological function due to their ability to bind to specific antigens. III. They are used in treating viral infections like that of Nipah virus. <p>Which of the statements given above are correct?</p> <ol style="list-style-type: none"> a. I and II only b. II and III only c. I and III only d. I, II and III <p>Sol. (d) None</p>	

Prelims 2025 Questions	PrepMate IAS Notes - Hits
<p>Q2. Consider the following statements:</p> <ol style="list-style-type: none"> 1. No virus can survive in ocean waters. 2. No virus can infect bacteria. 3. No virus can change the cellular transcriptional activity in host cells. <p>How many of the statements given above are correct?</p> <ol style="list-style-type: none"> a. Only one b. Only two c. All the three d. None <p>Sol. (d) None</p>	<p>Statement 1 is incorrect: Some Virus can survive in any environment including space. Statement 2 is incorrect.</p> <p>PrepMate Science Notes, Page 332</p> <p>10. (d) Viruses are known to infect almost any kind of host that has living cells. Animals, plants, fungi and bacteria are all subject to viral infection. A bacteriophage is a virus that infects and replicates within a bacterium. Mycoviruses are viruses that infect fungi. A host of other viruses affect plants.</p> <p>Statement 3 is incorrect.</p> <p>PrepMate Science Notes, Page 316</p> <p>On the other hand, virus is small capsules made of proteins containing DNA. Virus has no life and no metabolism on its own. There is nothing for us to stop or attack.</p> <p>When the virus infects its host, it injects its DNA into the host cell and uses the host cells metabolism to live and reproduce.</p>