<center>**CAT**</center>

<center>**Attempt All the Questions.**   **2023.02.03**</center>

1(a)Briefly discuss Clock synchronization.

(b)With aid of a diagram, differentiate between Remote Method Invocation (RMI) and Remote Procedure Call (RPC).

(c)Consider a simple server that carries out client requests without accessing other servers. Explain why it is generally not possible to set a limit on the time taken by such a server to respond to a client request.

(d)Explain the following Algorithms.

   (i)Ring algorithm.

   (ii)Bully election algorithm

(e)) Discuss different types of security threats in any distributed system and measures taken against them.

Due date 4th .02.2023