SATHYABAMA
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SCHOOL OF COMPUTING

ASSIGNMENT - 2

Course Name: **Network Security**   Course Code : **SCS1316**
Programme & Branch: B.E./B.Tech. - CSE/IT   Batch: 2018-2022   Sem: VI

Max. Marks : 15   Submission Date : 12.5.2021 to 18.05.2021

ANSWER ALL THE QUESTIONS

Part – A: Fill in the blanks   **(Marks: 5x1=5)**
   1. ---------------------- is the program activated on an infected machine that is activated to launch attacks on other machines.
   2. Virus explicitly designed to hide itself from detection is known as ------------ .
   3. -------------------- is a device or software application that monitors a network for malicious activity.
   4. IDS vendors maintain ------------------- to develop new intrusion signatures.
   5. To access the files of another user on a shared system, a user could create a ------------------------ program that, when executed, changes the invoking user's file permissions so that the files are readable by any user.

Part – B: Short Answers   **(Marks: 5x1=5)**
   6.   Differentiate virus and worm.
   7.   Define intruders.
   8.   Give some examples for triggering logic bomb.
   9.   Specify the antivirus approaches.
   10. List the limitations of IDS.

Part – C: Long Answer   **(Mark: 1x5=5)**

   11. Describe about Distributed Denial of Service attacks.