

**TILAK MAHARASHTRA VIDYAPEETH, PUNE**  
**MASTER OF SCIENCE (M.SC) IN COMPUTER APPLICATIONS**  
**EXAMINATION : JUNE / JULY - 2022**  
**SEMESTER - II**  
**Sub: Cyber Security - (MSC 205-19)**

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Date : 04/07/2022

Total Marks : 60

Time: 2.00 pm to 04.30 pm

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**Instruction:**

1. All questions are compulsory unless and otherwise stated.
  2. Bold figures to the right of every question are the maximum marks for that question.
  3. Candidates are advised to attempt questions in order.
  4. Answers written illegibly are likely to be marked zero.
  5. Use of scientific calculators, Log tables, Mollier Charts is allowed.
  6. Draw neat and labelled diagrams wherever necessary.
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**Q.1 Answer the following in 2-3lines. (Any 5) (10)**

1. Define the term "Salami Attack"
2. Define the term "Computer System"
3. What is Swap space?
4. Define the term "Intellectual Property".
5. Define the term "Hashing"
6. Define the term "Polymorphism".
7. Define the term "DDoS".

**Q.2 Answer the following in short. (Any 4) (20)**

1. Write a short note on "IPR"
2. Explain in details Intrusion Prevention System.
3. What is Firewall? Explain the working of firewall.
4. Write a short note on Digital Signature.
5. What is "Cryptography"? Explain its types.
6. Explain Session Hijacking.

**Q.3 Answer the following in detail. (Any 3) (30)**

1. Explain any five types of cyber crimes.
2. Explain any five types of ATM frauds/ attacks.
3. Explain in detail process of Money Laundering.
4. What is IT Act? Explain the following section of IT Act, a) Section
5. What is Phishing? Explain the different types of Phishing.