

TILAK MAHARASHTRA VIDYAPEETH, PUNE
BACHELOR OF COMPUTER APPLICATIONS (B.C.A.)
SPECIALIZATION IN CYBER SECURITY (CS)
EXAMINATION : JUNE - 2022
SEMESTER - IV

Sub: Cyber Security II (BCA –442-18/BCA-CS-442-20)

Date : 14/06/2022

Total Marks : 60

Time: 2.00 pm to 4.30 pm

Instructions:

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 labeled diagrams wherever necessary.

Q.1. Fill in the blanks.

(5)

1. A _____ is a non sufficient fund cheque used to make a payment to a credit card account
a) uninsured
b) booster cheque
c) credit cheque
d) kitting
2. A _____ is basically browsing a site and looking for clues about the server's directory structure.
a) Sql Injection
b) Cross Site Scripting
c) directory traversal
d) Code Injection
3. _____ command is used to move the files.
a) cp
b) ls
c) Dd
d) mv
4. _____ means data, record or data generated, image or sound stored, received or sent in an electronic form or micro film or computer generated micro fiche.
a) Electronic Record
b) Electronic Gazette
c) Electronic database
d) Electronic form
5. _____ injection attacks attempts to add additional SQL statements or commands to the existing SQL statement.
a) XSS
b) Code
c) class
d) Function

Q.2. State True/False.

(5)

1. A spider program like BlackWidow can crawl your site to look for every publicly accessible file.
2. "Electronic record" means the Official Gazette published in the electronic form.
3. Spam is unsolicited email generated to advertise some service or product.
4. Credit cheque is a non sufficient fund cheque used to make a payment to a credit card account
5. dd command is used to create the duplication of the disk

Q.3. Answer the following. (Solve any 5) (10)

1. Define the term “Layering”.
2. Define the term “URL Injector”.
3. Define the term “Salami Attack”.
4. What is “Booster Cheque”?
5. Define the term “Polymorphic Virus”
6. Define the term “SSID”.

Q. 4. Answer the following in detail. (Solve any 6) (30)

1. Write a short note on “XSS”.
2. Write a short note on “Proactive Approach”.
3. Explain defense-in-depth security model.
4. Write a short note on “Money Laundering”.
5. Explain in detail steps involved in Penetration Testing.
6. Explain any five types of ATM frauds.
7. Explain in detail; a) code injection b) SQL Injection

Q. 5. Answer the following in detail. (Solve any 1) (10)

1. Explain any five types of Malwares.
 2. Define the term “Virus”. Explain any 4 types of Virus.
-