PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BVoc DEGREE EXAMINATION DECEMBER 2023
(Fifth Semester)

Branch - **NETWORKING AND MOBILE APPLICATIONS**

PRIVACY & SECURITY

Time: Three Hours   Maximum: 50 Marks

SECTION-A (5 Marks)
Answer **ALL** questions
ALL questions carry **EQUAL** marks   (5 x 1 = 5)

1   Which term is to a computing system is a set of circumstances that has the potential to cause loss or harm?
   (i) Threat   (ii) spam
   (iii)error   (iv) information

2   What is a term for code designed to cause damage, security breaches, or other threats to application security?
   (i) Malicious code   (ii) Error
   (iii)Non Malicious Code   (iv) Virus

3   _____ attack is an attack meant to shut down a machine or network, making it inaccessible to its intended users.
   (i) Denial of system   (ii) Denial of service
   (iii) Denial of server   (iv) All of these

4   Which is an encrypted connection over the Internet from a device to a network?
   (i) Virtual Private Network   (ii) Private Network
   (iii) Public network   (iv) None of these

5   What technology that uses small, low-power wireless radio transmitters?
   (i) Encode   (ii)Encode
   (iii) RFID   (iv)Encryption

SECTION - B (15 Marks)
Answer **ALL** Questions
ALL Questions Carry **EQUAL** Marks   (5 x 3 = 15)

6 a Explain the classes and several examples of control against threads.
                              OR
   b How to Protecting Passwords?

7 a Describe the four aspects of malicious code infections
                              OR
   b How does fake email messages act as spam?

8 a Explain the potential types of attacks
                              OR
   b Explain about Botnets in DDoS.

9 a Explain the Modes of Network Encryption.

OR

    b Bring out the Security Requirements of Databases.

10 a State the three aspects of Information privacy.

OR

    b Analyze Why Computer Criminals Are Hard to Catch.

SECTION -C (30 Marks)
Answer **ALL** questions
ALL questions carry **EQUAL** Marks   (5 x 6 = 30)

11 a Distinguish vulnerability, threat and control.

OR

    b Point out how are biometrics used for authentication?

12 a Discuss about Targeting Users on Web Attacks.

OR

    b Briefly explain about Email Attacks in detail.

13 a Summarize the DNS Attack.

OR

    b Discuss about the Wireless network security.

14 a Discuss about Firewall in network security.

OR

    b Highlight the Security requirements of databases in detail.

15 a Explain about Email security.

OR

    b Discuss about Patent rights in detail.

Z-Z-Z   END