1T01237 - B.E.(Information Technology Engineering)(SEM-VII)(Choice Base Credit Grading System) (R-19-20) (C Scheme) / 42675 - Infrastructure Security (DLOC - III)

QP CODE: 10016016   DATE: 14/12/2022

Time 3 Hours   **[Total Marks 80]**

N. B.:   **1. Question No. 1 is compulsory.**

     2. Solve any THREE from Question No. 2 to 6.

     3. Draw neat well labelled diagram wherever necessary.

Q. 1 Answer any four

    a) Describe various password cracking attacks   (05)

    b) Explain Business Continuity plan.   (05)

    c) How does SSH help to achieve security.   (05)

    d) Differentiate between OAuth and SAML.   (05)

    e) Explain buffer overflow attack along with its causes.   (05)

Q. 2 a) Explain different types of Email Attacks   (10)

   b) Explain different mobile device security threats in detail.   (10)

Q. 3 a) How Bell-LaPadula model work to achieve access control.   (10)

   b) Explain in detail Enterprises Mobility Management EMM with its

      components.   (10)

Q. 4 a)What is VPN and what are different security concerns?   (10)

    b) Explain in detail steps involved in risk analysis.   (10)

Q. 5 a) Explain Multilevel database security models in detail.   (10)

   b) Explain penetration testing stages.   (10)

Q. 6 a) Explain File protection system in software security.   (10)

   b) Discuss the Cloud Identity and Access Management and its importance.   (10)

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