**COMPUTER ENGINEERING DEPARTMENT**

**PRACTICE TEST**

**SUB: CSS**

**COURSE: T.E. Year: 2020-2021 Semester: VI**

**DEPT: Computer Engineering**

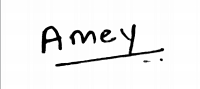
**SUBJECT CODE: CSC604 SUBMISSION DATE: 14/05/2021**

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**PRACTICE TEST**

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| **Sr.**  **No.** | **Question**  **(Solve any 5)** |
| **1** | Explain the following Symmetric cipher methods: Playfair cipher, vigenere cipher, hill cipher. |
| **2** | What is the purpose of the S-boxes in DES? Discuss the design details of s-box. |
| **3** | Explain the various ways to calculate Modular Multiplicative Inverse: Extended Euclidean Algorithm, Fermat's Theorem, Euler's Theorem. |
| **4** | Define Kerberos and name its servers. Briefly explain the duties of each. |
| **5** | Explain the following targeted malicious attack: Trojan, trapdoor, backdoor, rootkit, salami attack, a man in the middle, covert channel. |
| **6** | Explain different types of firewalls. |
| **7** | Describe SSL with its types. |
| **8** | Which services are provided by IPSec? |

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