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Daffodil International University

Department of CSE

Class Test: 1 (spring: 26)

Course Title: Social and Professional Issues in Computing — **Time: 1 Hour**

Course Code: CSE326 — **Marks: 15**

Answer the following questions: — **5 x 3 = 15**

1. **Smart IT Solution** (A software company) replaces most face-to-face meetings with email, cloud collaboration tools, and remote access systems. Although information sharing becomes faster, employees report communication overload and misunderstandings.
    i. Identify two benefits of computer-based communication evident in this scenario.
    ii. Analyze two challenges caused by excessive reliance on digital communication.
    iii. Propose one technical or managerial solution to address these challenges.
2. **Evercare hospital** implements computerized patient records, diagnostic systems, and robotic pharmacies. While efficiency improves, concerns arise regarding data privacy and system reliability.
    i. Explain two benefits of using computer systems in healthcare shown in the scenario.
    ii. Discuss two risks associated with computerized medical systems.
    iii. Recommend one technical safeguard that can reduce these risks.
3. **Agora** (A retail company) introduces automated inventory systems using barcodes and smart cards. Errors and costs are reduced, but some manual jobs are eliminated.
    i. Describe two advantages of automation highlighted in the scenario.
    ii. Analyze the social impact of automation on employment.
    iii. Suggest one strategy a CSE professional can adopt to reduce negative social effects.

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