

**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.