

Name _____

Guardians of the Data: Exploring Privacy and Security in Big Data

Short Answer Key

1. (Sample answer) Personal information includes names, addresses, phone numbers, and credit card details.
2. (Sample answer) Data encryption is the process of transforming data into a code to protect it from unauthorized access. It is important because it ensures that even if data is intercepted, it remains secure.
3. (Sample answer) Access control measures involve setting permissions and restrictions on who can access and modify data, enhancing data security by limiting unauthorized access.
4. (Sample answer) Balancing data protection and data utilization is essential to harness the benefits of Big Data while ensuring privacy and security.
5. (Sample answer) Individuals can use strong passwords and be cautious about sharing personal information online. Organizations can invest in cybersecurity measures and educate employees about data protection.

