QMS, or Quality Management System, is a set of policies, processes, procedures, and resources needed to plan, execute, and manage an organization's quality policies and objectives. Several key concepts are integral to a QMS:

1. **Quality Policy:**
   - **Definition:** A high-level statement that outlines the organization's commitment to quality.
   - **Purpose:** Sets the tone for quality objectives and provides a framework for decision-making.
2. **Quality Objectives:**
   - **Definition:** Measurable goals that align with the organization's quality policy.
   - **Purpose:** Provides direction for the organization to continually improve its performance.
3. **Process Approach:**
   - **Definition:** Viewing the organization as a set of interconnected processes.
   - **Purpose:** Ensures that processes are managed effectively, leading to improved efficiency and effectiveness.
4. **Documentation and Records:**
   - **Documentation:** Policies, procedures, and manuals that define how processes are to be executed.
   - **Records:** Evidence that processes are being carried out as planned.
5. **Risk-Based Thinking:**
   - **Definition:** Identifying, assessing, and mitigating risks to achieve objectives.
   - **Purpose:** Enhances the ability to achieve desired results, prevent or reduce undesired effects, and achieve continual improvement.
6. **Customer Focus:**
   - **Definition:** Understanding and meeting customer needs and expectations.
   - **Purpose:** Enhances customer satisfaction, loyalty, and the organization's reputation.
7. **Continuous Improvement:**
   - **Definition:** Ongoing effort to improve products, services, or processes.
   - **Purpose:** Ensures that the organization adapts to changes and remains competitive.
8. **Leadership and Commitment:**
   - **Leadership:** Involvement of top management in establishing direction and purpose.
   - **Commitment:** Dedication to ensuring the QMS is implemented and maintained effectively.
9. **Monitoring and Measurement:**
   - **Definition:** Collecting and analyzing data to ensure that processes are performing as expected.

- **Purpose:** Provides feedback for decision-making and identifies areas for improvement.

10. **Training and Competence:**
    - **Training:** Providing necessary education and training for personnel.
    - **Competence:** Ensuring that individuals have the necessary skills and knowledge to perform their tasks.

11. **Supplier and Partner Relationships:**
    - **Definition:** Managing relationships with suppliers and partners to ensure quality throughout the supply chain.
    - **Purpose:** Enhances the overall quality of products and services.

These concepts are often aligned with international standards such as ISO 9001:2015, which provides a framework for QMS. Organizations implement QMS to enhance customer satisfaction, meet regulatory requirements, and achieve continual improvement.