

## ACHE of Georgia – BOG 2025: Week 1 – Information Technology

### Answer Key with Explanations & Learning Resources

Q16. When introducing a new IT system in a healthcare organization, resistance can be effectively addressed by:

Correct Answer: C – Focusing on the system users and being responsive to their needs.

Why: Resistance often stems from user uncertainty. Engaging users early, listening to feedback, and addressing practical needs builds ownership and minimizes pushback.

Learn More: <https://www.healthit.gov/topic/scientific-initiatives/clinical-decision-support/change-management>

Q17. Under HIPAA, Congress required the Secretary of HHS to adopt standards to:

Correct Answer: B – Provide for standard data elements and code sets.

Why: HIPAA's Administrative Simplification provisions mandated standard data formats to improve data exchange, efficiency, and reduce errors.

Learn More: <https://www.cms.gov/Regulations-and-Guidance/Administrative-Simplification/HIPAA-ACA>

Q18. The overall goal of the HIPAA Act of 1996 is:

Correct Answer: D – Improve portability and continuity of health insurance, combat fraud.

Why: HIPAA was enacted to protect workers' health insurance coverage when they change or lose jobs and reduce healthcare fraud and abuse.

Learn More: <https://www.hhs.gov/hipaa/for-professionals/privacy/laws-regulations/index.html>

Q19. One of the major elements of an information system strategic plan includes the:

Correct Answer: D – Software development plan.

Why: This plan outlines how software will meet organizational goals, timelines, and integration needs.

Learn More: <https://my.ahima.org/store>

Q20. Selection of an information system in a healthcare organization should begin with:

Correct Answer: C – Development of an information systems plan that supports the organization's existing strategic objectives.

Why: IT must serve the broader mission, not the reverse. Planning first ensures proper alignment.

Learn More: <https://www.himss.org/resources/strategic-planning>

Q21. An important management principle guiding IT development is to:

Correct Answer: A – Treat information as an essential organizational resource.

Why: Treating information strategically ensures it is governed, protected, and leveraged as a business asset.

Learn More: <https://www.ahima.org/topics/infogov/>

Q22. A master patient index (MPI) can best be described as:

Correct Answer: A – A relational database containing all identification numbers assigned to patients.

Why: The MPI links patient records across systems to ensure consistency and accuracy.

Learn More: <https://bok.ahima.org/doc?oid=104084>

Q23. A typical use of the Internet by healthcare organizations is to:

Correct Answer: C – Advertise services available to the community.

Why: Web presence is essential for brand, services, and outreach. Other uses (like records access) are often internal or secure intranet-based.

Learn More: <https://www.aha.org/marketing>

Q24. Best way to facilitate information system integration:

Correct Answer: D – Standardize data definitions and data structures.

Why: Without consistent definitions, data from various systems cannot communicate effectively.

Learn More: <https://www.healthit.gov/topic/interoperability>

Q25. A developing technology that helps control unauthorized access:

Correct Answer: C – Biometric access control devices.

Why: Biometrics ensure that only authorized users access sensitive systems, improving security.

Learn More: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8396649/>

Q26. In negotiating a contract for an information system, healthcare organizations should:

Correct Answer: A – Form a negotiating team and utilize legal counsel.

Why: Contracts must be reviewed with both legal and operational lenses to avoid vendor lock-in or unfavorable terms.

Learn More: <https://www.himss.org/resources/vendor-contracting-guidelines>

Q27. Most important factor in evaluating vendor software packages:

Correct Answer: B – Ability of the software to interface with existing systems.

Why: Integration reduces silos and avoids costly workarounds.

Learn More: <https://www.healthit.gov/faq/how-can-ehrs-be-integrated-other-it-systems>

Q28. CIO responsibilities typically include:

Correct Answer: B – Information systems and telecommunications.

Why: The CIO ensures technology infrastructure supports all enterprise-wide communication and information needs.

Learn More: <https://chimecentral.org/>

Q29. Membership of the healthcare information systems steering committee should comprise:

Correct Answer: B – Administration, physician leadership, IS management, user departments.

Why: Balanced representation ensures that priorities reflect both clinical and operational needs.

Learn More: <https://www.amazon.com/Essentials-Health-Information-Systems-Technology/dp/1284164266>

Q30. Information systems consolidation in networks should be driven by:

Correct Answer: B – Business, clinical, and operating requirements.

Why: Technical decisions should be made based on the organization's goals and operational realities—not convenience or pressure.

Learn More: <https://www.himss.org/resources/it-governance>