Quiz 7 Practice Questions
Quiz 7 Content

• All the material from quiz 6
• Functional Dependencies
• Attribute closure
• Definitions of super key and key
Quiz 7 Practice Questions

Answer the following questions based on the ER diagram shown below

1. What Functional Dependencies are implied by ER diagram?
2. What attributes are contained in the universal table for the database implemented from the ER diagram?
3. What attribute is a key for the universal table?
4. What insert anomaly can occur if the database only includes the universal table?

![ER Diagram](image-url)
Quiz 7 Practice Problems

Use the following information to answer parts a and b.

R = {A, B, C, D, E, F, G, H}
FD set = {AB -> G, B->C, DE->F, C->E, G->H}

a. What is the attribute closure of ABDF?

b. Is ABDF a super key for R?

c. Is ABDF a key for R?