

Database Management (Suggestion for Final Exam):

Chapter 30:

Short Questions:

- A. Name the types of security. (Page 1122)
- B. Name the threats to Database (Page 1122)
- C. Discretionary security mechanism (Page 1123)
- D. Mandatory security mechanism (Page 1123)
- E. Control measures names. (Page 1123)
- F. DBA privileged actions (Account creation, Privilege granting, Privilege revocation, Security level assignment) (Page 1125)
- G. Security and Precision (Page 1128)
- H. Types of Discretionary privilege (Account level and relation level) (Page 1129)
- I. Revoking of privileges (Page 1131)
- J. SQL Injections (Names only) (Page 1143)
- K. Symmetric key algorithms. (Page 1150)
- L. Data quality (Page 1154)

Broad Questions:

- A. Describe types of security. (Page 1122)
- B. Describe threats to database (Page 1122)
- C. Describe control measures (Class notes)
- D. Describe factors that can cause data to be classified as sensitive (Page 1127)
- E. Describe SQL injection and some of the frequent attacks on SQL (Page 1143)
- F. Describe risks associated with SQL injection (Page 1145)
- G. Describe public key encryption and the six ingredients of public key encryption. (Page 1151)
- H. What is digital certificates. Write down the information included in digital certificates. (Page 1153)
- I. Describe Database survivability and the step to prevent attack on database. (Page 1155)

MIS4182.AIK