

Mid-term Review Sheet - EBUS 5100/7100
(updated February 24, 2006)

Chapter 1

information system (IT)
IT as a strategic resource
in-house application
IT outsourcing
ecommerce
B2C & B2B
enterprise computing system
data
information
end user
transaction processing system
business support system
knowledge management system
user productivity system
organization levels:
prototyping
structured analysis
systems development life cycle
information systems department
systems analyst

Chapter 2

SWOT analysis
mission statements
stakeholder
goal
objective
systems request
triggers for systems request
feasibility (various types)
tangible factor
intangible factor
preliminary investigation
preliminary investigation activities
preliminary investigation completion

Chapter 3

requirements modeling
system requirements document
Joint Application Development
Rapid Application Development
fact-finding (WWWWHW)
interviewing
questionnaire

Chapter 4

logical model
data flow diagram
process symbol
data flow symbol
data store symbol
external entity symbol
context diagram
diagram 0
data dictionary
data element

Chapter TK

Gantt chart
Pert chart
tangible costs
intangible costs
direct costs
indirect costs
fixed costs
variable costs
payback period

Access

table
field
record
relational database
primary key
query

Example questions:

1. Raw facts and figures are called ?.
2. A(n) ? is a broadly stated end that an organization strives to attain.
3. The development of a new information system is initiated by a(n) ?.
4. How are the context diagram and the diagram 0 related?
5. What are the five phases of the systems development life cycle and what is accomplished during each of these phases?

Example Access exercise:

Use *address.mdb* as the basis for this activity. You will find a copy of this file in the class folder located in the outbox area of the LAN. Be sure to copy the file to your flash drive before beginning modifications on it.

The procedures used will be similar to the kinds of activities that will be asked of you on the midterm examination. This will give you a chance to check your ability to apply what you have been learning in the Access exercises.

1. Check the address table for duplicated account numbers. For any repeated numbers, change the entry for one of the records.
2. Create a new table named ORDERS. Include fields for the account number included in the address table and for order date, product name, number of items, cost, price, and amount.
3. Enter records to reflect two purchases each for five of the account numbers. Make up the information to be entered.
4. Create a query which links the address table and the orders table and show the account number, last name, order date, product name, number of items, and amount. Have the output in order by product name. Be sure to inspect the results of your query using a "common sense" perspective. Some errors at this step can result in repeated listings of records in ways that would not have practical value for a query.
5. Create a query that displays all records for persons in Indianapolis, but display only first name, last name, and profession.

Be sure and review other query operations from chapter 2 in the Access book. Any of these operations might be included in the activities on the exam.