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QUESTION 1

What is a (are) valid example(s) of code data?

A. Substitution data

B. Static data

C. Valid values

D. All of the above

Correct Answer: D

QUESTION 2

Complete the statement. Developers translate the_____ into software in order to provide a solution.

A. Control input

B. Technical view

C. User view

D. Application boundary

Correct Answer: C

QUESTION 3

An application has 3 ILFs and 3 EIFs, all of average complexity. An enhancement to the system creates a new query with 22 attributes that displays data from each of the existing ILFs and EIFs. The new query also updates one of the existing ILFs. The original application FP was 200. What is the new AFPA?

A. 7

B. 207

C. 217

D. 258

Correct Answer: B

QUESTION 4

PAYROLL APPLICATION - MAINTAIN EMPLOYEE TIME SCREEN PAYROLL APPLICATION - EMPLOYEE PROJECT ACTIVITY REPORT Identify the functions used.

Hot Area:

EI	EO	EQ	N/A	Names of Possible Functions
○	○	○	●	Add Branch
●	○	○	○	Add Equipment
○	○	○	●	Change Branch
○	○	●	○	Detail Inventory Report
○	○	○	●	Display Branch
●	○	○	○	Dispose Equipment
○	○	○	●	Maintain Equipment Inventory
○	●	○	○	Summary Inventory Update Report
●	○	○	○	Upgrade Equipment

Hot Area:

EI	EO	EQ	N/A	Names of Possible Functions
○	○	○	○	Add Employee Time
○	○	○	○	Add Employee Time Report
○	○	○	○	Delete Absence Data
○	○	○	○	Delete Employee Time
○	○	○	○	Delete Project Data
○	○	○	○	Employee Project Activity Report
○	○	○	○	Retrieve Employee
○	○	○	○	Update Absence Data
○	○	○	○	Update Employee Time
○	○	○	○	Update Project Data

Correct Answer:

EI	EO	EQ	N/A	Names of Possible Functions
●	○	○	○	Add Employee Time
○	○	○	●	Add Employee Time Report
○	○	○	●	Delete Absence Data
●	○	○	○	Delete Employee Time
○	○	○	●	Delete Project Data
○	●	○	○	Employee Project Activity Report
○	○	●	○	Retrieve Employee
○	○	○	●	Update Absence Data
●	○	○	○	Update Employee Time
○	○	○	●	Update Project Data

QUESTION 5

A development project has created 450 FP in application functionality and created 45 FP in conversion functionality. What is the DFP?

A. 45

B. 405

C. 450

D. 495

Correct Answer: D

QUESTION 6

An EO maintains 1ILF and references 3 ILFs. What is the minimum number of DETs necessary for it to be valued at 7 LFP?

A. 1

B. 6

C. 20

D. It can never be valued at 7 LFP

Correct Answer: B

QUESTION 7

The Account data store is maintained by 2 different applications, the Accounts Payable application and the Accounts Receivable application. Each application has its own unique view of the data. There are some common data elements, and some that are unique to each application. How would you count the Account data store?

A. ILF to Accounts Payable, ILF to Accounts Receivable

B. ILF to Accounts Payable, EIF to Accounts Receivable

C. EIF to Accounts Payable, ILF to Accounts Receivable

D. EIF to Accounts Payable, EIF to Accounts Receivable

Correct Answer: A

QUESTION 8

Which category (ies) of data entities is (are) usually identified to satisfy the Functional User Requirements?

A. Business data

B. Reference data

C. Code data

D. Both A and B

Correct Answer: D

QUESTION 9

When counting DETs which of the following rules apply?

A. Count a DET for each recursive field on the ILF or EIF

B. Count a DET for each piece of data in an ILF or EIF required by the user to establish a relationship with another ILF or EIF

C. Count a DET for each repeating field that is identical in format

D. Count a DET for each field that appears more than once in an ILF or EIF

Correct Answer: B

QUESTION 10

A Flight Reservation application has the ability to make a reservation and reserve a seat.

From the Names of Possible Functions listed identify the transactional functions for the Flight Reservation application. Select N/A if a Name of Possible Functions does not apply.

Identify the functions used:

Hot Area:

EI	EO	EQ	N/A	Names of Possible Functions
○	○	○	○	Add A Flight Reservation
○	○	○	○	Change A Flight Reservation
○	○	○	○	View A Flight Reservation
○	○	○	○	View Leg Of Travel
○	○	○	○	Update Leg Of Travel
○	○	○	○	Delete A Flight Reservation
○	○	○	○	Add A Seat Reservation
○	○	○	○	Change A Seat Reservation
○	○	○	○	Delete A Seat Reservation
○	○	○	○	View A Seat Reservation

Hot Area:

EI	EO	EQ	N/A	Names of Possible Functions
○	○	○	○	Add A Flight Reservation
○	○	○	○	Change A Flight Reservation
○	○	○	○	View A Flight Reservation
○	○	○	○	View Leg Of Travel
○	○	○	○	Update Leg Of Travel
○	○	○	○	Delete A Flight Reservation
○	○	○	○	Add A Seat Reservation
○	○	○	○	Change A Seat Reservation
○	○	○	○	Delete A Seat Reservation
○	○	○	○	View A Seat Reservation

Correct Answer:

EI	EO	EQ	N/A	Names of Possible Functions
○	○	○	○	Add A Flight Reservation
○	○	○	○	Change A Flight Reservation
○	○	○	○	View A Flight Reservation
○	○	○	○	View Leg Of Travel
○	○	○	○	Update Leg Of Travel
○	○	○	○	Delete A Flight Reservation
○	○	○	○	Add A Seat Reservation
○	○	○	○	Change A Seat Reservation
○	○	○	○	Delete A Seat Reservation
○	○	○	○	View A Seat Reservation

QUESTION 11

Which elementary process processes data or control information sent from outside the application\\'s boundary?

A. An external interface file

B. An external inquiry

C. An external output

D. An external input

Correct Answer: D

QUESTION 12

Phase 1 of an application enhancement adds 2 business function attributes to each of 3 files. No changes were made to reference the new attributes. Prior to the enhancement each of these files was valued at 3 RETs and 12 DETs. What is the CHGA of these files?

A. 21 UFP

B. 45 UFP

C. 30 UFP

D. 0 UFP

Correct Answer: A

QUESTION 13

An example of the purpose of an FP count is to provide:

A. input to the estimation process needed to determine the level of effort to develop the first release of an application

B. a comparison of functionality delivered by two different suppliers\\' packages

C. determine the size of an application as part of the organization\\\'s effort to determine the size of its software portfolio

D. All of the above

Correct Answer: D

QUESTION 14

The TDI changed from 41 to 46 during an application enhancement. What are the VAFB and VAFA?

A. VAFB = .76, VAFA = .80

B. VAFB = .98, VAFA = 1.13

C. VAFB = 1.04, VAFA = 1.08

D. VAFB = 1.06, VAFA = 1.11

Correct Answer: D

QUESTION 15

The Human Resources (HR) application contains 5 data functions.

Employee	Supervisor	Position	Certification
4 RETs	2 RET	6 RETs	1 RET
65 DETs	26 DETs	18 DETs	28 DETs

Determine the complexity of data functions:

Select the complexity for each function:

Hot Area:

Function Name	Enter Complexity		
	low	average	high
Employee	○	○	○
Supervisor	○	○	○
Geographic Salary Adjustment	○	○	○
Position	○	○	○
Certification	○	○	○

Hot Area:

Function Name	Enter Complexity		
	low	average	high
Employee	○	○	○
Supervisor	○	○	○
Geographic Salary Adjustment	○	○	○
Position	○	○	○
Certification	○	○	○

Correct Answer:

Function Name	Enter Complexity		
	low	average	high
Employee	○	○	○
Supervisor	○	○	○
Geographic Salary Adjustment	○	○	○
Position	○	○	○
Certification	○	○	○