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QUESTION 1

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 2

Business data is defined as:

- A. information needed to be stored and retrieved by the functional area addressed by the application
- B. information needed by the core users for translation
- C. the business objects that represent valid values of entities external to the application
- D. data that reflects static information that is stored and retrieved by the application

Correct Answer: A

QUESTION 3

What is the definition of "consistent state?"

- A. point at which the requirements have been determined and approved by the user
- B. point at which processing has been fully executed; the Functional User Requirement has been satisfied and there is no more to be done
- C. development of all functionality is complete and the testing can begin; the Functional User Requirement have been met
- D. conversion processes have been completed and all historical data converted

Correct Answer: B

QUESTION 4

EIs	FTRs	DETs
Add Job Information	1	7
Employee Job Assignment	3	7
Assignment Report Definition	1	5
EOs		
Jobs With Employees	4	5
Employees By Assignment Duration	3	7
Printed Check	1	3
EQs		
Employee List	1	3
Bargaining Unit	1	6

For the scenario above calculate the FP.

- A. 21
- B. 26
- C. 32
- D. 36

Correct Answer: C

QUESTION 5

The primary intent of an EI is to maintain:

- A. One or more ILFs or alter the behavior of the application
- B. One or more ILFs
- C. One or more EIFs or alter the behavior of the application
- D. One or more EIFs

Correct Answer: A

QUESTION 6

A baseline count is to be conducted for the Payment Information Application (PIA).

Client Credit History logical file is made available to the teller while processing a customer's wire payment. The Client Credit History logical file is retrieved from the Credit Master Application (CMA).

PIA also receives an end-of-day import file of wire payments from the Foreign Banking (FB) application. PIA maintains all customer wire payments in the Wire Payment logical file. During the processing of the wire payments, the currency is

converted from the customer's local currency to PIA's currency using the FB application Currency logical file.

The teller must review the client credit history, and then update the Credit Limit logical file in the PIA before processing the wire payment.

Tellers maintain the Customer Account logical file using the maintain customer account function within PIA.

From the Names of Possible Functions listed identify the data functions for the PIA. Select N/A if a Name of Possible Function does not apply.

Identify the data functions used:

Hot Area:

ILF	EIF	N/A	Names of Possible Functions
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Client Credit History
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Credit Limit
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Credit Limit Values
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Credit Risk
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Currency
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Customer Account
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Teller
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Wire Payment

Hot Area:

ILF	EIF	N/A	Names of Possible Functions
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Client Credit History
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Credit Limit
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Credit Limit Values
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Credit Risk
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Currency
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Customer Account
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Teller
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Wire Payment

Correct Answer:

ILF	EIF	N/A	Names of Possible Functions
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Client Credit History
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Credit Limit
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Credit Limit Values
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Credit Risk
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Currency
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Customer Account
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Teller
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Wire Payment

QUESTION 7

Which of the following forms of processing logic is mandatory that an EO perform at least one (m*)?

- A. Behavior of the application is altered
- B. Equivalent values are converted
- C. At least one ILF or EIF is referenced
- D. Information is prepared and then presented outside the boundary

Correct Answer: A

QUESTION 8

What would be the correct sequence of activities for measuring transactional functions? 1. Classify each transactional function as an EI, EO or EQ 2. Identify each elementary process required by the user

3. Determine the functional complexity for each transactional function 4. Determine the functional size for each transactional function 5. Count FTRs for each transactional function 6. Count DETs for each transactional function

- A. 1-3-2-1-4-5
- B. 2-3-1-6-5-4
- C. 4-2-1-5-6-3
- D. 2-1-5-6-3-4

Correct Answer: D

QUESTION 9

What is true about conversion functionality?

- A. Transactional or data functions provided to convert data and /or provide other user specified conversion requirements
- B. Exists only during the development or enhancement of an application
- C. Conversion functionality is outside the scope of FP counting
- D. Both A and B

Correct Answer: D

QUESTION 10

Added EO	FTRs	DETs
Job Report	1	15
Changed EI		
Add Job Information (Before)	1	7
Add Job Information (After)	3	8
Deleted EQ		
Bargaining Unit	1	2

For this scenario, calculate the EFP using an unchanged VAF of 1.2 and original application count of 61 FP.

- A. 8.40
- B. 15.60
- C. 69.40
- D. 76.60

Correct Answer: B

QUESTION 11

A Banking Deposit application (BDS) has three subsystems; each subsystem serves one particular location. All three subsystems share the core functionalities of the application, while each has its own unique functions. Databases are physically split and maintained separately by locations as well. What is the application size of BDS?

Component Name	Functional Size
BDS - Core	180 FPs
BDS - Canada	15 FPs
BDS - UK	12 FPs
BDS - Asia	8 FPs

- A. 575
- B. 215
- C. 195
- D. 35

Correct Answer: B

QUESTION 12

ALERT SYSTEM - ALERT NOTIFICATION

Alert Profile
Alert Information
Account number
Alert contact name
Alert phone number
Securities Information
Account number
Alert contact name
Alert phone number
Security id
Low price threshold
High price threshold
High sales volume threshold

Alert Profile Screen			
Account Number	999999999		
Contact Name	Bob Jones		
Phone Number	123-123-1234		
Security ID	Low Price Threshold	High Price Threshold	High Sales Volume Threshold
VFINX	122.00	138.00	
MSFT	25.00	30.00	60,000,000
T	34.00		33,000,000
<input type="button" value="Add"/> <input type="button" value="Change"/> <input type="button" value="View"/> <input type="button" value="Delete"/>			

Select the complexity of each function:

Hot Area:

Function Name	Enter Complexity		
	low	average	high
Alert Profile	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alert Profile Add	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alert Profile Change	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alert Profile Delete	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Alert Profile Display	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Hot Area:

Function Name	Enter Complexity		
	low	average	high
Alert Profile	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Alert Profile Add	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Alert Profile Change	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Alert Profile Delete	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Alert Profile Display	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Correct Answer:

Function Name	Enter Complexity		
	low	average	high
Alert Profile	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Alert Profile Add	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Alert Profile Change	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Alert Profile Delete	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Alert Profile Display	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION 13

Several data functions are described in the scenario for the Internet Application (IA):

From the Names of Possible Functions listed identify the data functions for the IA. Select N/A if a Name of Possible Function does not apply.

Identify the data functions used:

Hot Area:

ILF	EIF	N/A	Names of Possible Functions
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Country
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Currency Exchange
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Customer
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Inventory
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Payment Type
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Purchase History
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Purchase Item
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Shopping Bill
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Store Location
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Stock Number

Hot Area:

ILF	EIF	N/A	Names of Possible Functions
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Country
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Currency Exchange
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Customer
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Inventory
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Payment Type
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Purchase History
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Purchase Item
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Shopping Bill
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Store Location
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Stock Number

Correct Answer:

ILF	EIF	N/A	Names of Possible Functions
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Country
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	Currency Exchange
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Customer
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Inventory
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Payment Type
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Purchase History
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Purchase Item
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Shopping Bill
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	Store Location
<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	Stock Number

QUESTION 14

An organization has purchased a new Order Entry application. One of the requirements is to convert an existing file of customer information to the new application. In the Development project functional size how is the conversion counted?

- A. 1 ILF
- B. 1 EIF and 1 EI
- C. 1 EI
- D. Not counted

Correct Answer: C

QUESTION 15

What is the primary intent of an EIF?

- A. Hold data maintained through one or more elementary processes of the application being counted
- B. Maintain one or more groups of data and/or to alter the behavior of the system
- C. Hold data referenced through one or more elementary process of the application being counted
- D. Present information to a user through processing logic other than, or in addition to, the retrieval of data or control information

Correct Answer: C

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