

DUMPS ARENA

Certified Function Point Specialist

IFPUG I40-420

Version Demo

Total Demo Questions: 15

Total Premium Questions: 249

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Topic Break Down

Topic	No. of Questions
Topic 1, Definitions	104
Topic 2, Implementations	108
Topic 3, Case Studies	37
Total	249

QUESTION NO: 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

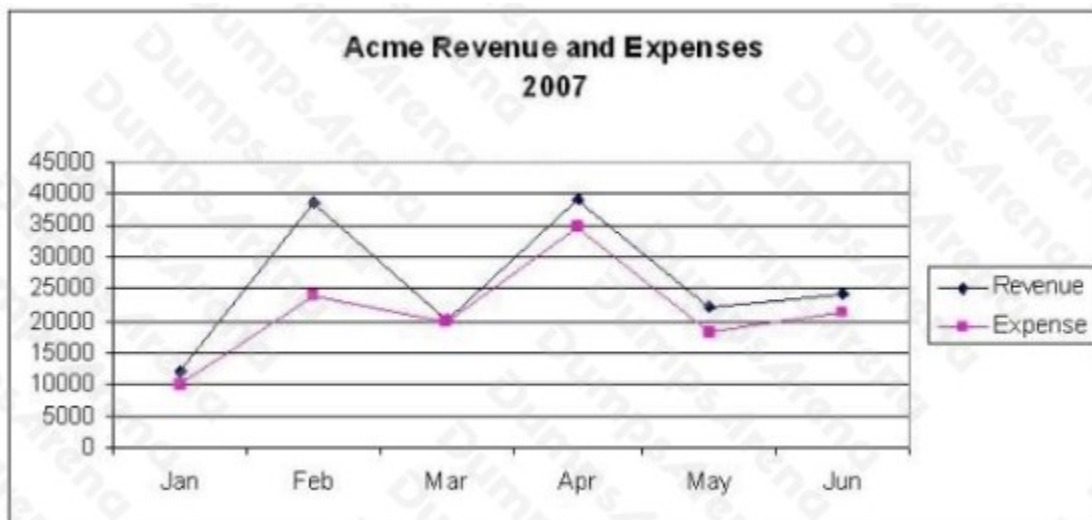
ANSWER: A**QUESTION NO: 2**

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

ANSWER: D**QUESTION NO: 3**

The revenue and expense amounts are retrieved from the General Ledger data store without any graph below be counted?



- A. 1 low EO
- B. 1 low EQ
- C. 1 average EQ
- D. Not counted

ANSWER: B

QUESTION NO: 4 - (HOTSPOT)

HOTSPOT

The Human Resources (HR) application includes functionality to maintain the Department logical file.

- ☞ The user enters a department number and presses the View button to display an existing department. An error message is displayed if the department does not exist.
- ☞ When the user adds or updates a department, the cost center is validated against the Cost Center logical file. The Cost Center logical file is maintained in the Payroll application.
- ☞ The user Adds a new department by entering department #, Name, phone #, mail stop, cost center and manager. The user completes the add by pressing the Add button. An error message displayed if the department # already exists.
- ☞ The user Updates information about the displayed department. Name, phone #, mail stop, cost center and manager may be changed. The user completes the update by pressing the Update button.
- ☞ The user Deletes the displayed department by pressing the Delete button.
- ☞ A manager must be selected using the Manager Drop Down list, which displays manager name and department number. The Employee logical file is maintained in the HR application and is the source for the Manager Drop Down list.

Department Information

Department # 999
 Name XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 Phone # 999-999-9999
 Mail Stop 99-XXXX-9
 Cost Center 999 9999
 Manager XXXXXXXXXXXXXXX 9999 ↓

Determine the complexity for department transactions.

Select the complexity for each function.

Function Name	Enter Complexity		
	low	average	high
Add Department	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
View Department	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Delete Department	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Update Department	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Manager Drop Down	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

ANSWER:

Function Name	Enter Complexity		
	low	average	high
Add Department	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
View Department	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Delete Department	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Update Department	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Manager Drop Down	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

Explanation:

Function Name	Enter Complexity		
	low	average	high
Add Department	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
View Department	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Delete Department	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Update Department	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Manager Drop Down	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION NO: 5

The data retrieved from the state drop down list is obtained by reading the State file that contains only state code and state description. The State file is not updated frequently as states are not added on a frequent basis. How would the drop down list be measured?

- A. 1 EQ with 1 FTR
- B. 1 EO with 1FTR
- C. 1 EQ with OFTR

D. Not counted

ANSWER: D

QUESTION NO: 6

Which of the following functions is (are) counted for a development project FP count?

- A. Added functions
- B. Conversion functions
- C. Changed functions
- D. Both A and B

ANSWER: D

QUESTION NO: 7

Control information is data that:

- A. influences an elementary process
- B. specifies what data is to be processed
- C. specifies when and how data is to be processed
- D. All of the above

ANSWER: D

QUESTION NO: 8 - (HOTSPOT)

HOTSPOT INTERNET APPLICATION (IA) -MAINTAIN INTERNET DATA

☞ From the IA main menu, the IA user selects the Purchase Item option.

☞ The Purchase Item option opens a screen which allows the user to pay their internet shopping bill after performing an inquiry of the items selected for purchase. The Pay Bill option updates the Customer logical file to store the date of last purchase. The Inventory logical file is updated to determine when stock is depleted. The Inventory logical file contains the

following information: product id, units of measure, count of product on hand, count of product on order, count of product on back-order, and reorder point.

⇒ The Product logical file is maintained by the PARTS application. Product contains product id, description, expected life of product, category, manufacturer, SKU, and weight.

⇒ Upon the customer's first purchase, the Customer Information screen captures the following information about the customer and stores it on the Customer logical file which includes: customer number, name, street address, state/province/region, country, postal code, payment type, gender, and future email offer flag.

⇒ The Purchase History logical file (PHF) is used to contain the history of customer purchases. The PHF contains a demographics section which contains the following: customer number, gender, product category, product id, and purchase frequency. The other part of the PHF contains information pertaining to the cost of purchases: customer number, purchase date, quantity, purchase cost, expected life of product. An additional part of the PHF contains information about email offers sent to the customer. This part of the PHF contains information: date of email, product id, sale price, sale end date, and offer end date.

⇒ The purchase cost is stored in the PHF in US Dollars after conversion from the customer's local currency using the Currency logical file. The Currency logical file contains the following information: country currency converting from, country currency converting to, conversion rate, date and time of conversion rate.

Determine the complexity of the data functions:

Determine the complexity of the following function:

Function Name	Enter Complexity		
	low	average	high
Customer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Inventory	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Purchase History	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Currency	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Product	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

ANSWER:

Function Name	Enter Complexity		
	low	average	high
Customer	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Inventory	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Purchase History	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Currency	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Product	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

Explanation:

Function Name	Enter Complexity		
	low	average	high
Customer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Inventory	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Purchase History	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Currency	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Product	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION NO: 9

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

ANSWER: A

QUESTION NO: 10

During the requirements phase for a new application, the user identified 3 logical groups of data. During the construction phase, our database technicians combined the 3 logical groups of data into 1 physical table. How many ILFs would be counted?

- A. 3 ILFs during requirements phase, 3 ILFs during construction phase
- B. 3 ILFs during requirements phase, 1 ILFs during construction phase
- C. 1ILF during requirements phase, 1 ILFs during construction phase
- D. 1 ILF during requirements phase, 0 ILFs during construction phase

ANSWER: A

QUESTION NO: 11

The boundary for the function point count:

- A. encloses the physical data maintained by the application
- B. is based on the user view, not on technical considerations
- C. is the conceptual interface between the internal user world and external application world
- D. is dependent on implementation and/or technical considerations

ANSWER: B

QUESTION NO: 12

Which statement ALWAYS applies to both EOs and EQs?

- A. The elementary process has the primary intent of presenting information to the user B. The elementary process references a data function to retrieve data or control information
- B. The elementary process includes multiple forms of processing logic

C. The elementary process may alter the behavior of the application

ANSWER: A

QUESTION NO: 13

The Job Management application includes the following:

- ☞ Three files of business data: Employee, Job, and Invoice
- ☞ Job Rates file contains data that is stored in order to process the business rules against the business data.
- ☞ The Payment Type file is identified by the developer In response to the technical requirements of the users.

Which of these files are candidates for counting as logical files (ILF or EIF)?

- A. Employee, Job, Invoice, Job Rates, and Payment Type
- B. Employee, Job, Invoice, and Job Rates
- C. Employee, Job, and Invoice
- D. None

ANSWER: B

QUESTION NO: 14

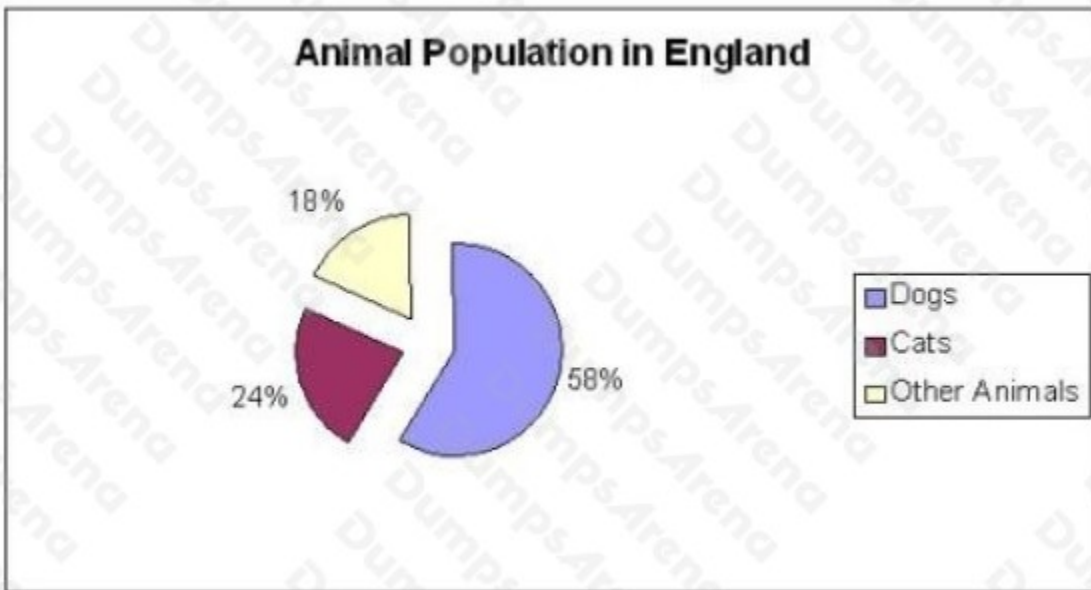
Which of the following statements is true regarding EOs?

- A. An EO is an elementary process that sends data or control information outside the boundary.
- B. An EO includes additional processing logic beyond that of an EQ.
- C. An EO always maintains a data function.
- D. Both A and B

ANSWER: D

QUESTION NO: 15

How would you count the pie chart below?



- A. 1 EO with 1 DET
- B. 1 EO with 2 DETs
- C. 3 EOs
- D. None of the above

ANSWER: B