IFPUG™ Certified Function Point Specialist/Practitioner (CFPS/CFPP)

Sample Exam Questions

Definition Section:	3 Questions
Implementation Section:	3 Questions
Case Study Section:	1 Question

Released V1.0 2021

Based on the CPM V. 4.3.1

Purpose of this document

This document contains 7 sample exam questions for IFPUG™ Certified Function Point Specialist/Practitioner (CFPS/CFPP) in the English language.

The sample questions, answer sets and associated justifications in this document have been created by a team of subject matter experts and experienced question writers with the aim of assisting people who are planning to take the IFPUG™ Certified Function Point Specialist/Practitioner (CFPS/CFPP) examination, for the purpose of knowing the types of question to expect in the official exam.

None of these questions are used in the official IFPUG™ Certified Function Point Specialist/Practitioner (CFPS/CFPP) exam, but they are written to the same level of difficulty as the official certification exam.

General Information on the sample exam paper:

- Number of Questions: 7
- Number of points: 1 per question for the first 6 (3 Definition and 3 Implementation example questions and 5 points for the Case Study example question.

Definition Section (1 point per question):

Question 1

(Choose one answer, the correct answer is worth 1 point)

Which elementary process maintains one or more ILFs or has the ability to alter the behavior of the application?

- ☐ (a) An external input
- ☐ (b) An external inquiry
- ☐ (c) An external output
- ☐ (d) An external interface file

Question 2

(Choose one answer, the correct answer is worth 1 point)

An elementary process composes and/or decomposes the Functional User Requirements into the smallest unit of activity. Which of the following statements satisfies statement above?

- ☐ (a) It is meaningful to the user
- ☐ (b) It constitutes a complete transaction
- ☐ (c) It is self-contained and leaves the business of the application being counted in a consistent state
- ☐ (d) All of the above options (A, B & C)

Question 3

(Choose one answer, the correct answer is worth 1 point)

Which **ONE** of the following options, **CORRECTLY** completes the statement.

The boundary of the application…

- ☐ (a) … defines the set of Functional User Requirements to be included in the function point count.
- ☐ (b) … presents information to a user through the retrieval of data or control information.
- ☐ (c) … is a conceptual interface between the software under study and its user.
- ☐ (d) Both options A and C.

Implementation Section (1 point per question):

Question 4

(Choose one answer, the correct answer is worth 1 point)

The application of **Corporate Benefits** reads information of a file maintained in the **Human Resources** application and sends this information outside of its the boundary. The processing logic contains no mathematical formula or calculation and creates no derived data. No ILF is maintained during the processing, nor is the behavior of the system altered.

How should this transactional function be counted for the **Corporate Benefits application**?

- ☐ (a) EI
- ☐ (b) EQ
- ☐ (c) ILF
- ☐ (d) EO

Question 5

(Choose one answer, the correct answer is worth 1 point)

Which of the following options is(are) common term(s) that is(are) utilized to describe physical implementation techniques?

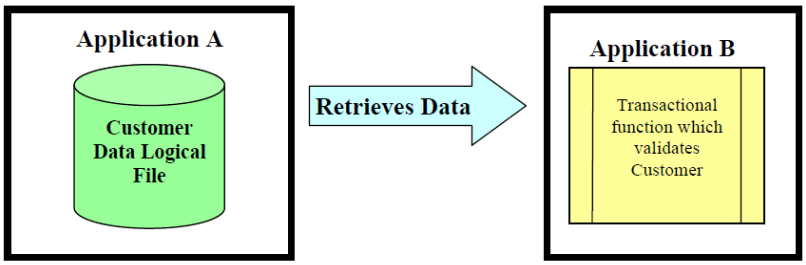
- ☐ (a) Copy
- ☐ (b) Merge
- ☐ (c) Refresh
- ☐ (d) All of the above options (A, B and C)

Question 6

(Choose one answer, the correct answer is worth 1 point)

Based on the scenario below, how should the transactional **function in application B** be counted?

Scenario: A transaction processed by **Application B**, requires information from a data store maintained within **Application A**, in order to present information to the user. The processing logic contains no mathematical formula or calculation, and creates no derived data. No ILF is maintained during the processing, nor is the behavior of the system altered.



- ☐ (a) EI
- ☐ (b) EQ
- ☐ (c) ILF
- ☐ (d) EO

Case Study Section (5 points per Question):

Question 7 *(Identify the possible functions, each correct identification is worth 1 point)*

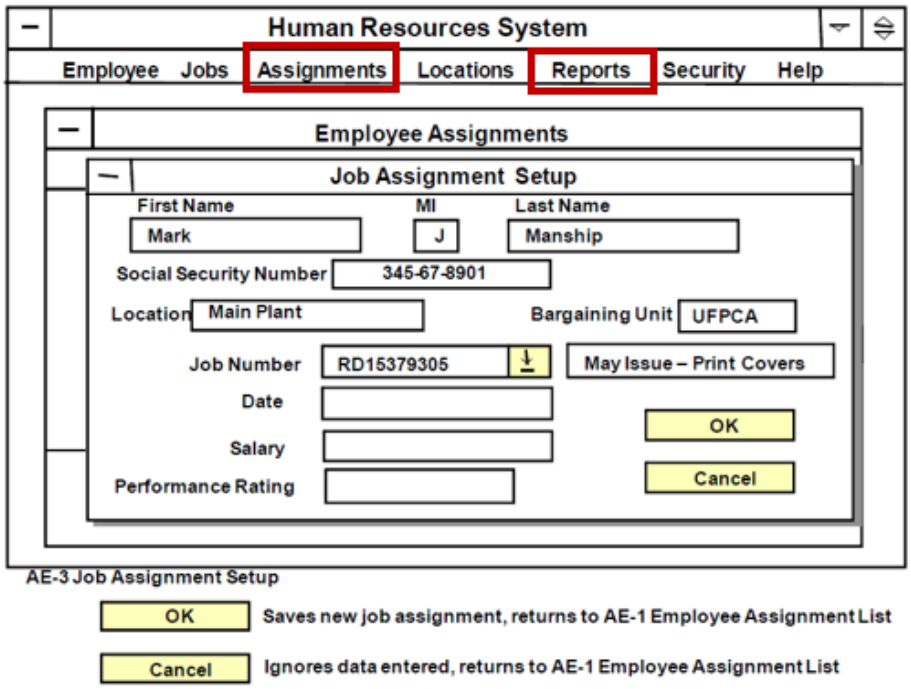
The **Human Resources Application** of *GSP - Good Selling Products Ltd* was implemented about 10 years ago and allows the management of the main information of their employees. In order to better meet the needs of the company, the user of the application requested some new features:

- **Employee Assignments**
  - The user of the application can **add** or **update** "Job Assignments" **by pressing "Assignment" button** from the main menu of the application.
  - If the Job Assignments of the employee already exists, the application shows the fields with the available information and allows the user to update them.
  - If the Job Assignments of the employee does not exist, the application shows the fields in blank and allows the user to enter them.
  - All the required validations are done against the human resource internal logical files (eg. employees) and other application files (eg. location, maintained by another application).
  - The user can record the information included or update the employees file in **by pressing the "OK" button**.
  - The user of the application can also quit by **pressing the "Cancel" buttom**.

- **Assignments Report**
  - The user of the application can **send a report** called "Assignment Report" containing the information of "Job Assignments" and the total of employees to all GSP branches **by pressing the "Reports" button** from the main menu of the application **and then selecting the "Assignment Report" from** an existing **drop-down list** containg all available reports.
  - As the user of application selects the "Assigment Report" that they can then send it to one or more branches by selecting the name(s) of the branch(es) **from** an existing **drop-down list** containing all available branches and **pressing the "OK" button.**
  - By pressing OK, the report is automatically sent to the branch(es) selected.
  - The user of the application can also quit by **pressing the "Cancel" button**.

Question continues on the next page.

The following diagram (fig.1) shows the main menu of the application and the “Employee Assignments” – “Job Assignment” screen overview.



Identify the possible functions for the human resource application in this scenario. **Select N/A** if a possible function does not apply.

Identify the functions							
	EI	**EQ**	**EO**	**ILF**	**EIF**	**N/A**	**Possible Functions**
1							Add Employee Assignments
2							Delete Employee Assignment
3							Update Employee Assignments
4							Location
5							Employees
6							Assignment Report
7							Currency

Answer Key:

Question 1 - Answer: (a)

Question 2 - Answer: (d)

Question 3 - Answer: (c)

Question 4 - Answer: (b)

Question 5 - Answer: (d)

Question 6 - Answer: (b)

Question 7 - See table below

Identify the functions							
	EI	**EQ**	**EO**	**ILF**	**EIF**	**N/A**	**Possible Functions**
1	**X**						Add Employee Assignments
2						**X**	Delete Employee Assignment
3	**X**						Update Employee Assignments
4					**X**		Location
5				**X**			Employees
6			**X**				Assignment Report
7						**X**	Currency