

Quiz 6
Weightage 2%

A software house, *TechPro Solutions*, was tasked with developing a comprehensive inventory management system for a client. The project manager decided to use the Function Point (FP) Method to estimate the project's size and effort. The teams followed the three stages of the FP method:

Stage 1: Compute Crude Function Points (CFP):

Crude Function Points (CFP): 200

Stage 2: Compute the Relative Complexity Adjustment Factor (RCAF):

The teams assessed the complexity characteristics of the software system, assigning grades (0 to 5) to the 14 factors influencing development efforts. However, one team calculated and reported an RCAF value of 97.

Stage 3: Compute Function Points (FP):

The team used the formula:

$$FP = 200 \times (0.65 + 0.01 \times 97)$$

Q1-Determine if this scenario is valid or not. Explain your reasoning.(1 mark)

Invalid because RCAF range in 0-70

Q2-Process metrics are primarily focused on:(0.5 marks)

- a) Software maintenance
- b) Software usability
- c) **Software development process**
- d) Software deployment

Q3-Which of the following is related to process metrics?(0.5 marks)

- a) **Testing phase effectiveness**
- b) Maintainability of software
- c) Code readability
- d) Defect density during usage