

Arellano, John Kenneth R.

BSIT 4GG1

Systems Integration & Architecture

Quiz # 3

1. Which of the following statements about test estimation approaches is CORRECT?

- ☒ a) The Wideband Delphi estimation technique is an example of the expert-based approach.
- b) The Wideband Delphi estimation technique is an example of the risk-based approach.
- c) Burndown charts used in Agile development is an example of the expert-based approach.
- d) Burndown charts used in Agile development is an example of the risk-based approach.

2A. Identify and shortly described the approaches in WideBand Delphi Estimation.

Individual Estimation - each specialist offers their estimate for the task or project in question independently. This initial estimation is generally grounded in their expertise and accumulated knowledge.

Group Consensus - the panel of experts participates in an organized discourse. Within this conversation, experts can present the reasoning behind their estimations, seek clarifications, and pinpoint possible risks or uncertainties.

2B. List all the steps to follow in using WideBand Delphi Estimation.

Step 1 - Select a Facilitator

Step 2 - Select a Panel of Experts

Step 3 - Define the Estimation Task

Step 4 - Initial Individual Estimation

Step 5 - Group Discussion Rounds

Step 6 - Iterative Consensus Building

Step 7 – Documentation

Step 8 - Final Consensus Estimate

Step 9 - Review and Validation

Step 10 - Use the Estimate

Step 11 – Feedback and Continuous Improvement