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(1) Explain Top-down integration testing approach

Ans (1) It is an incremental approach to construct the software architecture

(2) Modules are integrated by moving down through hierarchy

(3) Modules that can be incorperated either using DFS or BFS manner

(4) If depth-first integration is used, selection of the important pathe are abstracting and depends on specific charecterustics

(5) If BFS integration is used all components directly subordinate at each level

steps for top-down integration

(1) The main control module is used as a test driver

(2) Depending on the integration approach selected (DFS or BFS) the subordinate steps are replaced one at a time with actual mode

3) Tests are conducted as Each module is integrated

4) as completion of Each set of tests, another step is replaced

5) Regression testing is conducted to prevent the Errors.

2) The effective software project management focuses on 4ps, what are they? List them and briefly Explain any one

Ans: The 4ps of Effective software project management are

(1) people

(2) product

(3) process

(4) project

People: • An important component for Effective softw -ware project managements.

• Every can recognise the fact that "every organization needs to continously improve its ability to attract, motivate and retain workforce needed to accomplish its strategic business objectives"

PTO

- CMM defines the following key practice Areas.

- Communication and coordination, competency analysis and development, carrier development and culture development.