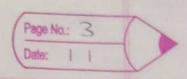
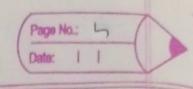


Page No.: 2 Date: | 1 4 mismanagement in budget handling is cost oversure is Improper tracking of Budget. 3. Operational Risks 1) It refers to the procedural risks means these are the risks which happen in day-to-day operational activities during development due to imprope process implementation or some external operational risks. · Some reasons for operational rists Ly Insufficient training Lo Less number of skilled people Lasks Traproper management of tasks 4. Technical Risks LS It refers to the functional risk or performance risk which means this technical risk mainly associated with functionally of product part of the software product · Some reasons for Technical risks is less use of future technologies Lo Improper Entegration of modules 5. Programmatic Risks 1) It refers to the external risk or other unavoiadable rister

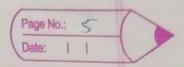


· Some reasons for Programmatic risks is Rapid development of market 4 Loss of contracts due to any is changes in government rules/policy. 2/ write a short note on -Software Configuration Monagement. As Is when we develop software, the product undergoes many changes in their maintenabre phase: we need to handle these changes effectively. Ly Several individues works together to achieve these common gals. This individual broduces several more broduct e.g. Intermediate version of module . or test data used during debuggin withe elements that comprise all info. produced as a part of the software process are collectively called a software configuration · Process involved in SCM I. Identification and Establishment 2. Version control 3. change control 4. configuration auditing s. Reporting · SCM Tools

4> CFEngine, Bofg? server, Vagrant, Smartfrey, etc.

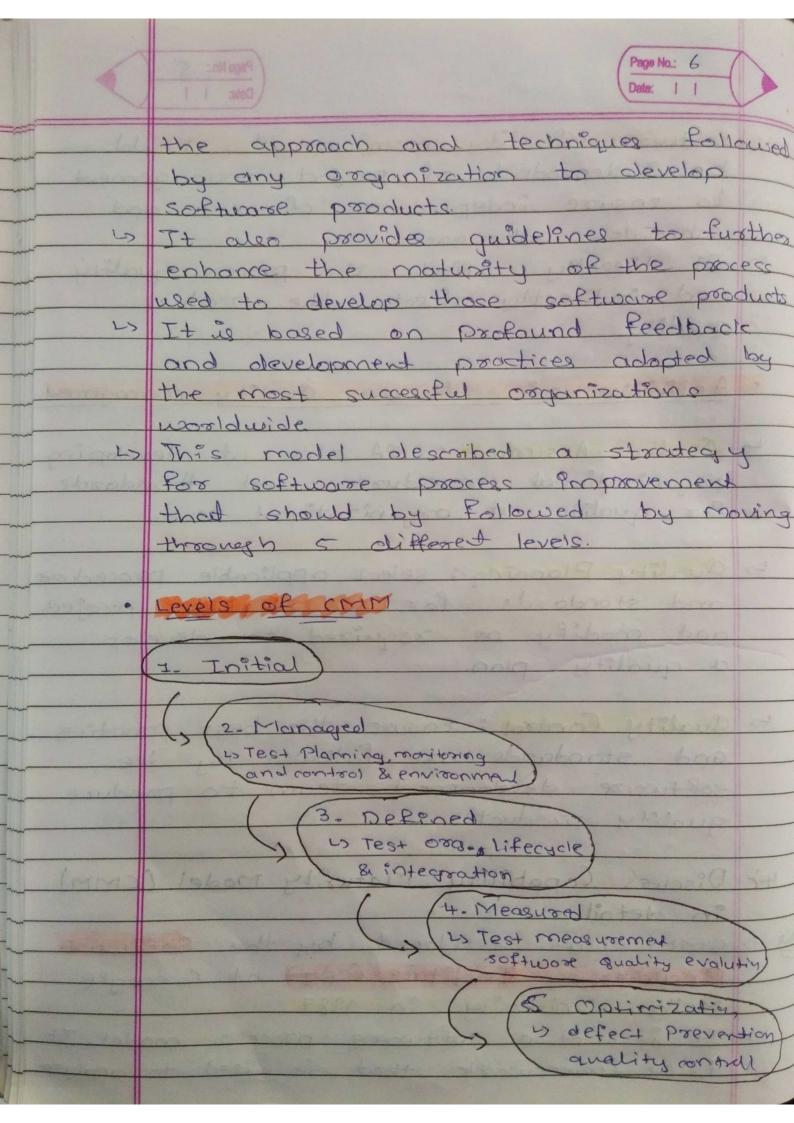


· Why do we need configuration Management 17 Multiple people are working on softwar which is consistently updating. is It may be a method where multiple version, branches, authors are involved in a software project, and the team is geographically distributed and works concurrently. 1) It changes is user requirements, and policy, budget, schedules need to be acommodated. · Impostance of SCMI 17 It provides the tool to ensure that changes are being properly "implemented" is It has the capability of describing and storing the various constituent of software. 3/ Write short note on Quality monagement System As is It ensures that the required level of quality is achieved by submitting improvements to the product development > 50A aims to develop a culture within the team and it seen as everyone's reapona bility



Page No. 6 > Software quality management should be independent of project management to ensure independence of cost and Schedule adherences.

1) It directly affects the process quality and indisectly affects the product quality · Activities of software Quality management 5 Quality Assurance: QA aims at developing organizational procedures and strandards for quality at organizational level. 1) Quality Planning: select applicable procedure and standards for a particular project and modify as required to develop a quality plan. -> Quality Control: Ensure the best practices and standards are followed by the software development team to produce quality products 42 Discuss Capability Maturity Model (CMM) in detail. due is CMM was developed by the software Engineering Institute (CFI) at Cornegee Mellon University in 1987.
Ly It is not a software process model. It is a framework that is used to analyse



The software process is characterized as innonsistent, and occasionally even chaotic that exist are abandoned during a Crisis. 2. Rependable 1> This level of software Development project management processes to track east, schedule & functionality. 3. Defined 1> The software process for both management and engineering outhrities are documented, standardized, and integrated into a standard software process for the entire organization. 4. Managed is Management can effectively control the software development effort using precise measurement 5. Optimizing is The key characteristic of this level is focusing on continually improving process performance through both incremental

teamsweapiral improvements