91	what is risk assessment in the context of software projects, and why
	is if exential?
, ** , •	Risk oriessment in software project is a dritical process for fount fing
.254	and managing potential threats that could impact project success
	entit winvolverable alivera contract conversal known quited ()
100	(i) identification: Recognizing tirbs like technical, operational, or finicial
	challenges that could hinder the project process.
ching	(e) Analysis! Assessing the likelihood and impact of each risk; determining
-	its severity. I interest to be a proposed successful.
Wat , was	(3) Prioritization: Ranking risks based on their significance to allocate
	rejources and ottention reflectively;
LAKENE-	4) Mitigation Planning Developing strategies to address high-priority
-	noted and contingency plans if rists materialize to
8. 2 1 1 M. 19. 1	* Ride onersment is exected for several reasons.
k	(i) I sue Prevention () Quality Ascuigner
و ۴ اسا	(ii) Rejource Allocation (vi) Pigeet Succession
	(iii) cost control, (NII) stateholder Communication.
	(iv) Time Management , which both
with street	mo retail of elect 1314 : mithous appart of section (vi)
∅ 2]	Explain the concept of software configuration management and its
	role in ensuring project quality.
	software configuration. Management (SEM) in a discipline that
to ME	involves processes practices and tools to a managing and controlling
	software changes throughout the development likegele.
6.0 h	(i) version Controlisely tracks and manages different version
	of software component
	(ii) Change Management: It estabilishes a structured process for
	proposing retriewing and implementing changes.

- (3) traceability: SCM associates rode changes with specific requirement or issues.
- (4) Parallel Development: In larger project with multiple developers, SCM supports concurrent work on different code branches.
- (5) Backup and Recovery: SCM tools provide data backup and rovery capabilities, protecting project
- (3) How do formal technical reviews (FTR) contribute to ensuring software quality and reliability?
- in software development that significantly contribute.
 - (i) Error detection: fTPs uncover defects and issues early, reducing the cost of fixing problemy.
 - (ii) Quality Assurance: FTPs ensure that software adheres to predefined quality standards and best practices.
 - (iii) knowledge sharing: fTRI facilitate understanding among team member, contributing to enchanced software reliability through shared insight.
 - (iv) Improved U documentation: FTPs leads to better documentation ording developers and maintainer and supporting software reliability.
- (x) Enhanced communication: Improved team and utateholders communication ensures alignment with project goals and reliability.
- doign are in sync.

Page	:
Date	:

Software project of setting a formal would through for a And formal woof wave projet walthrough is astructed process reviewing and improving a poflure projection (i) preparation: Define objectives, school participants and gother operation a Firelevent a discumentation will represent a soft of the (18) d'cheduling in Set a convenient time for the review, enruring key stateholder. 2001-1000 adoller me 1000 (iii) Conducting the malkthrough: - Inheduction: The moderator explain the objectives and rolks - Propentation: The author presents the software, explaing its purpose and design = Review and discussion: Participants review, ask questions and express concern t. - Defect identification: Actively identify and categorize defeats. (iv) Recording and documention: Perord identified issues and decisions. (x) Reporting: Propose a repost summarizing results, issues, sesolutions and recommendations. larly is it important to consider software reliability when analyzing potential rists in a project? (i) wer satisfaction: feliable software ensures were have a positive experience, while unreliable software can lead to user frustration. (ii) financial Implication: Unreliable rothware can be costly due to need for frequent buy fixes, updates, and customer support

Date: Project delay: Reliability issues often lead to project delays or derelopers divert thir aftention from new features to fixing problems. (iv) Quality Assurance Neglecting retiability can result in poor overall software quality increasing the nike of project failure and negotively wastirche procession to quality oustirche procession to the (v) competitive Advantage: Reliable software in a competitive advantages over un reliable alternatives Apportalizer at muitable (31) I do have reserved the moderator and other majority and to be

bite professor to a color desperation professor to a colored to a colo

(1) Financial tradition whether sorther consults where a position of social traditions of the position of the position of the sorther consults where the position of the posit