

· Reasons .

Ly wrong/Improper budget estimation

5 Unexperted project scope expansion

Li Mismangement in budget handling

5 cost oversuns

5 Improper tracking of budget.

3. Operational Risks: This risks happen in day-to-day operational activities during project development due to improper process implementation or some external operational risks.

· Reasons

Lo Insufficient resources

La Conflict between tasks and employees

5 Improper management of tasks

1) Insufficient towning

is lack of communication and cooperation

4. Technical Risks: The are mainly associated with functionality of product or performing part of the software product.

· Reasons

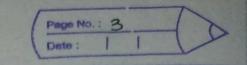
1) Frequent changes in requirement

1) less number of skilled employee

is Improper integration of modules

w High complexity in Implementation

Is less use of future technologies



5. Programmatic Risks: These are the external risks which are unavoidable on nature. These risks come from outside and it is out of control of programs.

· Reasons

5 Rapid development of market

5 changes in Grovesnment such sules/policy

4 Loss of contracts due to any season

2/ Explain Proactive and Reactive

approach for risk management.

Ans - Proactive and Reactive are two types

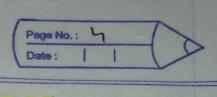
of risk analysis & management.

· Proactive Risk Management:

L'hormal risk analysis is perforemed.
L'hegins long before technical work
is initiated

Potential sistes are identified, their probability and impact are assessed and they are ranked by importance to Organization corrects the root causes

Sexamining risk sources that 198 beyond the bounds of the software is developing the skill to marge change



· Reactive Risk Management:

occur team reacts to risks when they

2) mitigation - the team flies into action in an attempt to correct the problem sapirally. This is after called a fase-fighting mode.

Lighting mode.

Lighting mode.

applied when the risk.
Ly chisis management-failure does not sespond to applied herousces and

Psoject is in danges.

36 Explain Risk Management.

Are - Risk analysis and management are

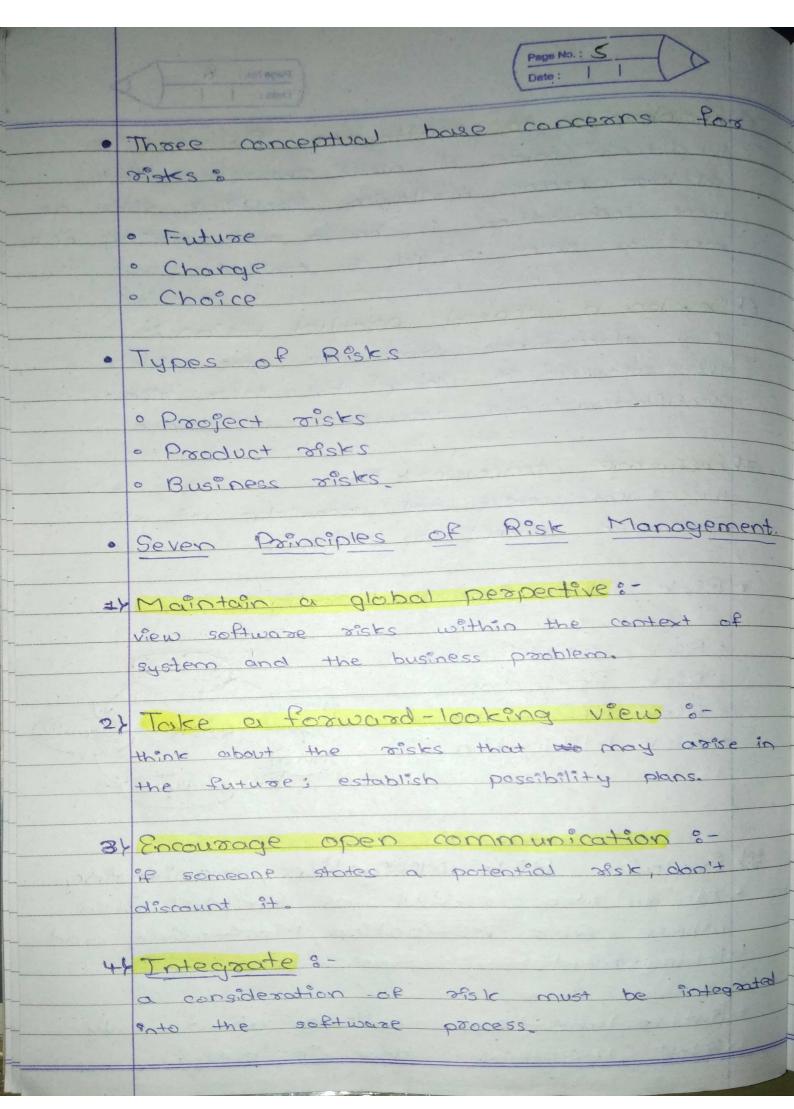
actions that help a software team to understand and manage unresteinty

- A Risie is potential problem of might happen and it might not.

· Two characteristics of Risk

not loo% risks

21 1085 3- The risk become a reality and unwanted consequences or loss occurs

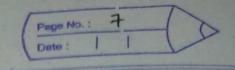


Page No.: 6 Date:
Emphasize a continuous Process: the team must be alext throughout the software process, madifying identified risks as more information is known and adding new ones as better insight is achieved.
Develop a shared product vision of it all stakeholders share the same vision of the software, it likely that better vision of identification and assessment will occur
Encourage teamwork &- the talents, skills and rowledge of au stakeholder should be pooled.
Risk Management Pasadigm Risk Tolentification Risk Projection Risk Refinement Risk Mitigation Risk Mitigation

· Risk Projection · Risk Refinement · Risk Mitigation (plan) analyze 46 Explain Risk Mitigation, Monitoring. tos - Tt is also called as RMMM Plan where Risk Mittigation, Monitoring and

Manageoment.

- But as we are talking about only RMM, we'll see that in detail.



· Risk Milligation :

- To mitigate this risk you would develop a strategy for reducing the possible steps to be taken are si-

15 Meet with current staff to determine causes for turnover.

under your control before the

info. about each development activity is widely dispersed.

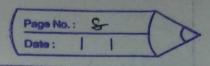
S Assign a backup staff member for every critical technologist.

· Risk Monitoring &

The project Manager monitor factors
that may provide an indication
of whether the risk becoming
more or less likely.

- Objectives:

in fact, occur



to ensure that risk distince steps defined for the sisk are being properly applied.

used for future risk analysis.

Ans - It involves seperating the total work involved in a project into separate activities and juding the time required.

· Two views:

established for a project & organization is see sesponsible for distribution of effort within Rixed time frame

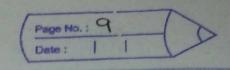
Assussed & end date is set by

· Scheduling Poinciples

5 compartmentalization :- divide project :nto

4) Interdependency :- indicate task reintersolutions

work unit ice. effort by person in days.



Action 1988		
25	Effort Validation : De sure resources	026
LS	Defined Responsibilities &- people must	be
25	Defined outcomes: each task must	trave
4	Defined milestones: review for qua	lity
•	Tools & Techniques	
7.	PERT (Program Evaluation and F Technique)	3evieu
2.	CPM (Costical Path Method)	
O	They use data & information for earlier developments.	000
0	They allow to determine:	
	estimate for individual activity	
	15 colculate "boundary times".	