

SP = Security Policy

CHP - 83
Protection of Infoⁿ system

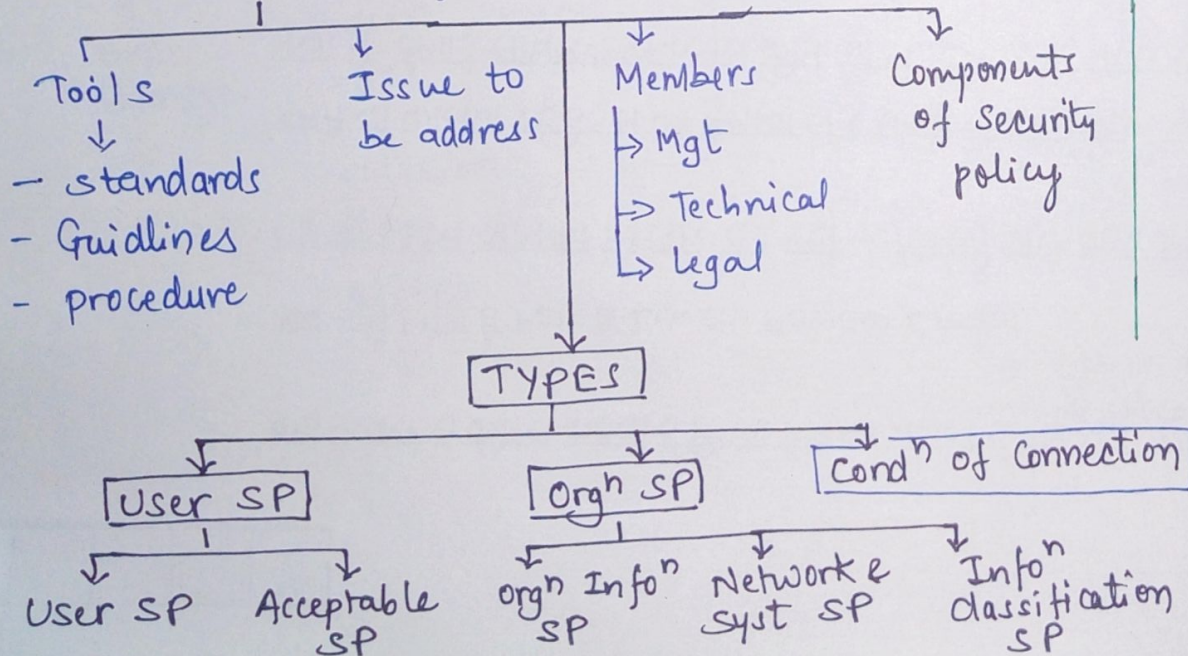
SECURITY

- (1) → Degree of protection applied
- (2) → Security objective (CIA)
- (4) → Infoⁿ system is Sensitive
 - Strategic Plan
 - Biz. Operation
 - finance
- Information Security policy

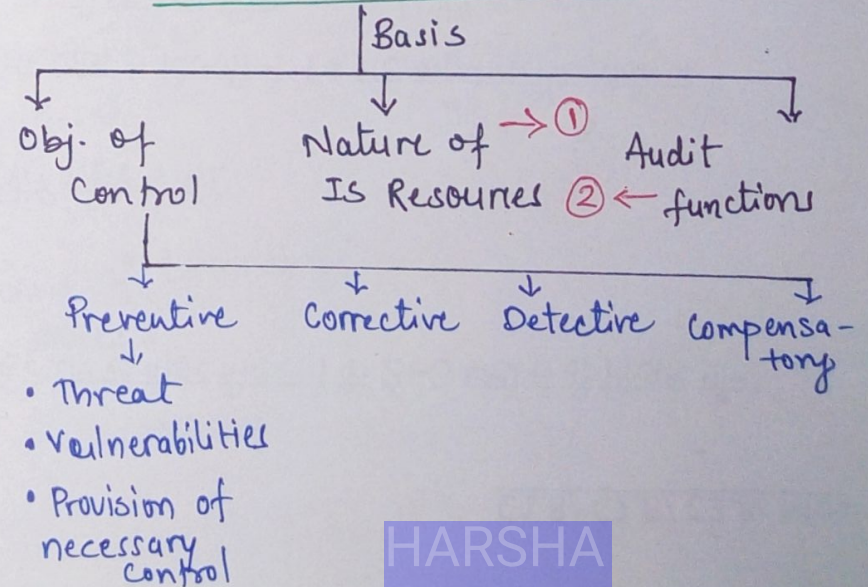
Impact of Technology on Internal Control

- (1) Competent & Trustworthy Personnel
- (2) Segregation of Duties
- (3) Authorization Procedure
- (4) Adequate Doc^m & Records
- (5) Physical control over Assets & Records
- (6) Adequate mgt supervision
- (7) Independent check on performance

- (8) Comparing Records Accountability with Assets
- (9) Delegation of Authority & Responsibility



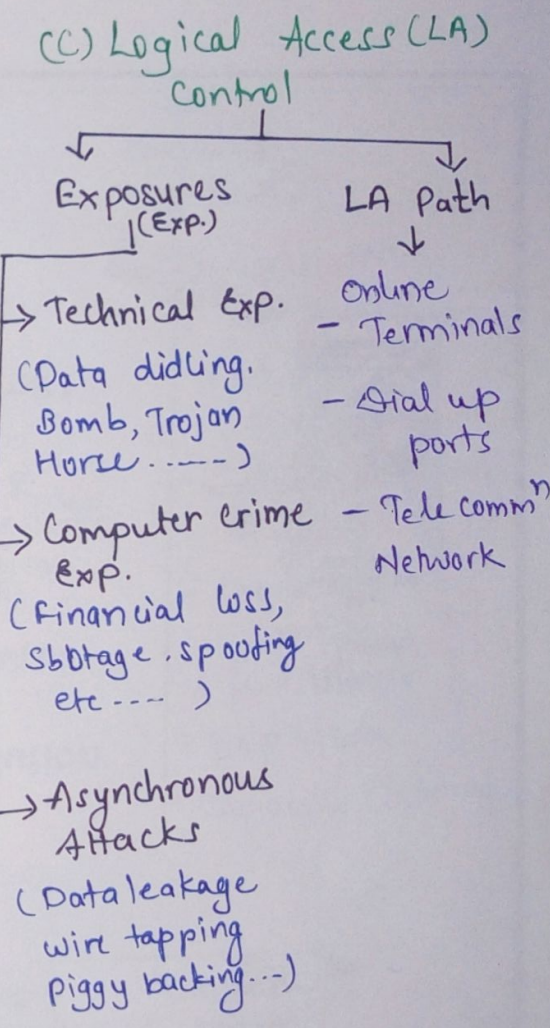
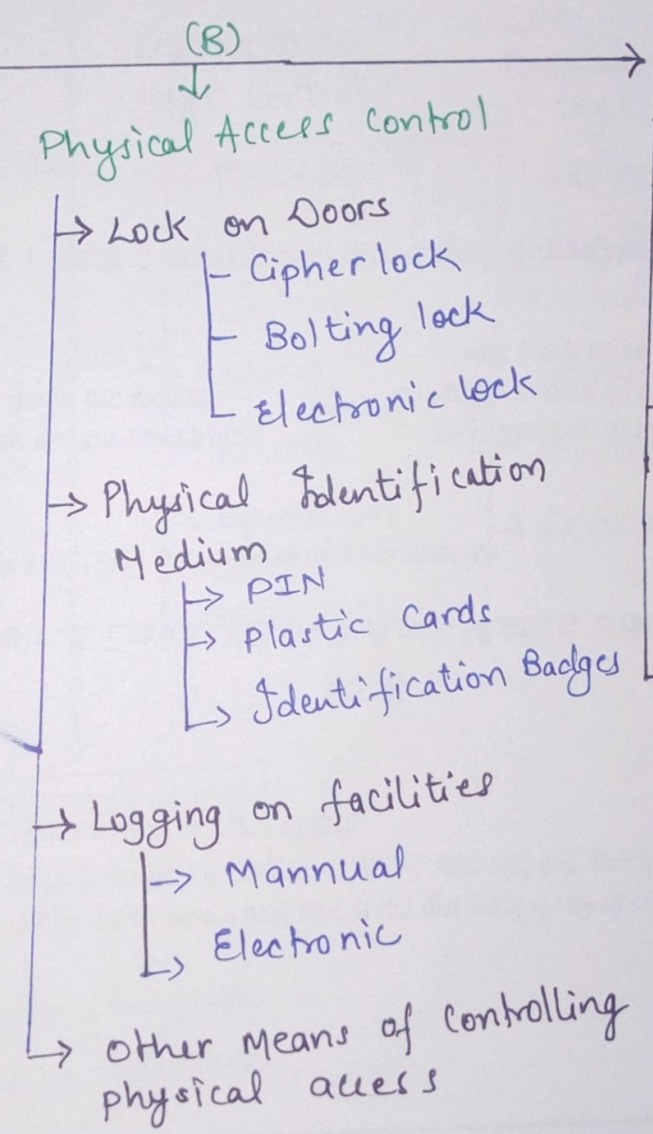
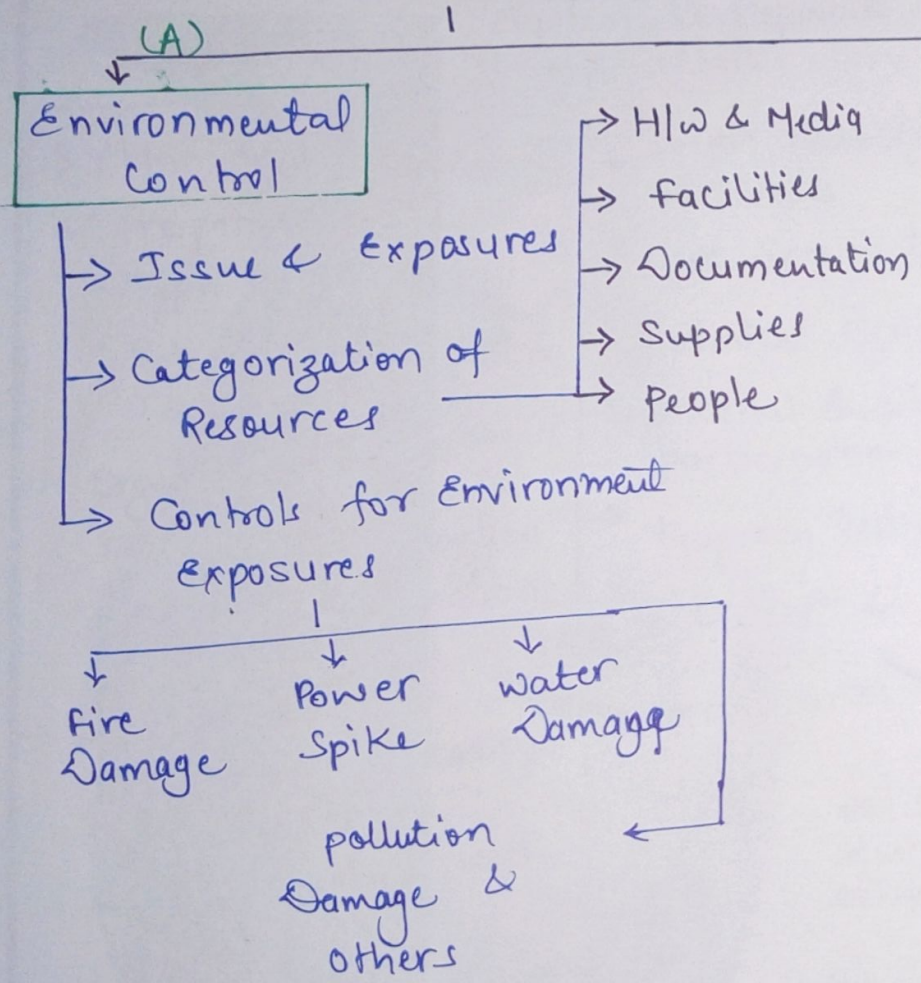
Classification of IS controls



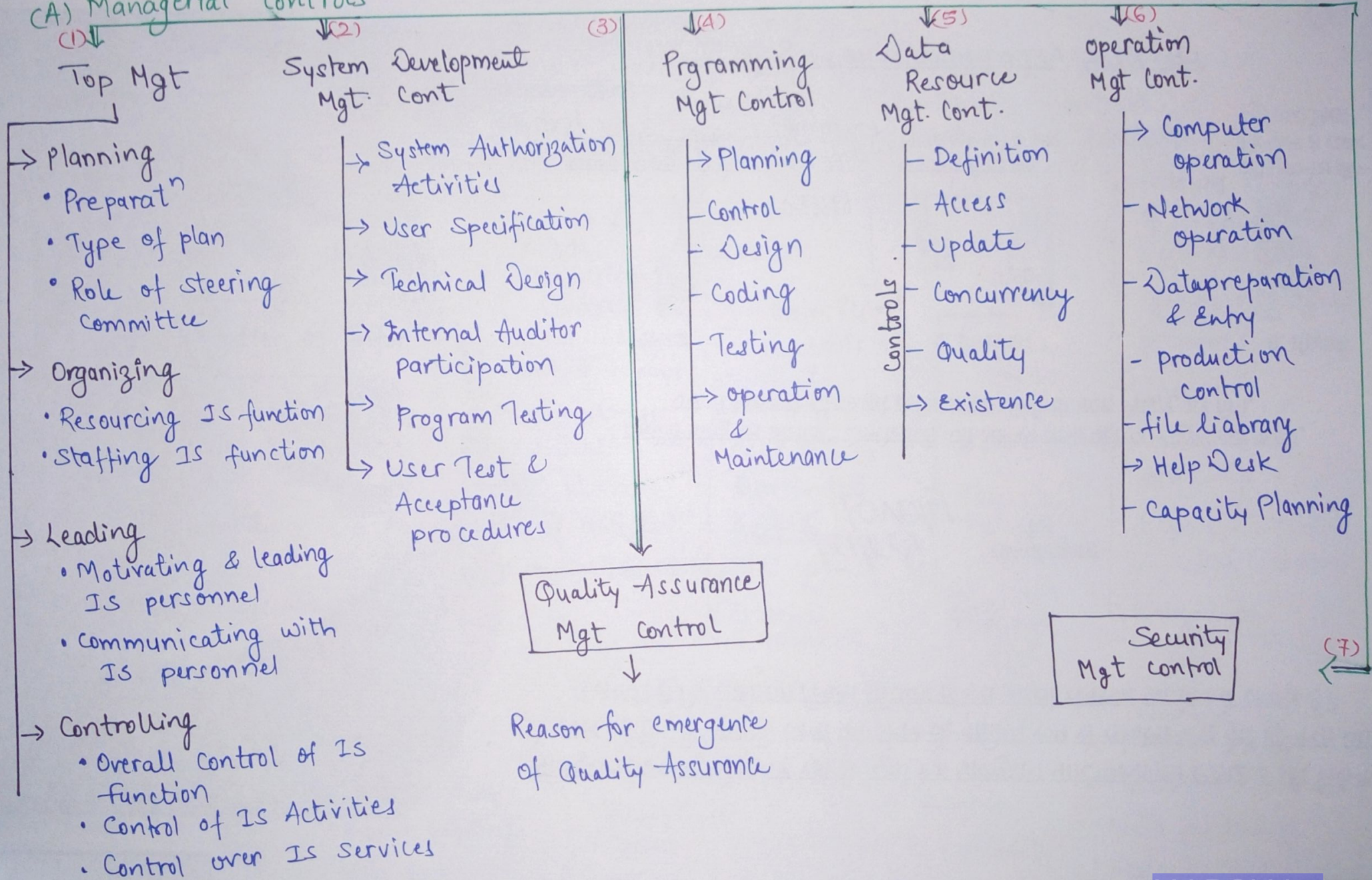
CHP 3

(2)

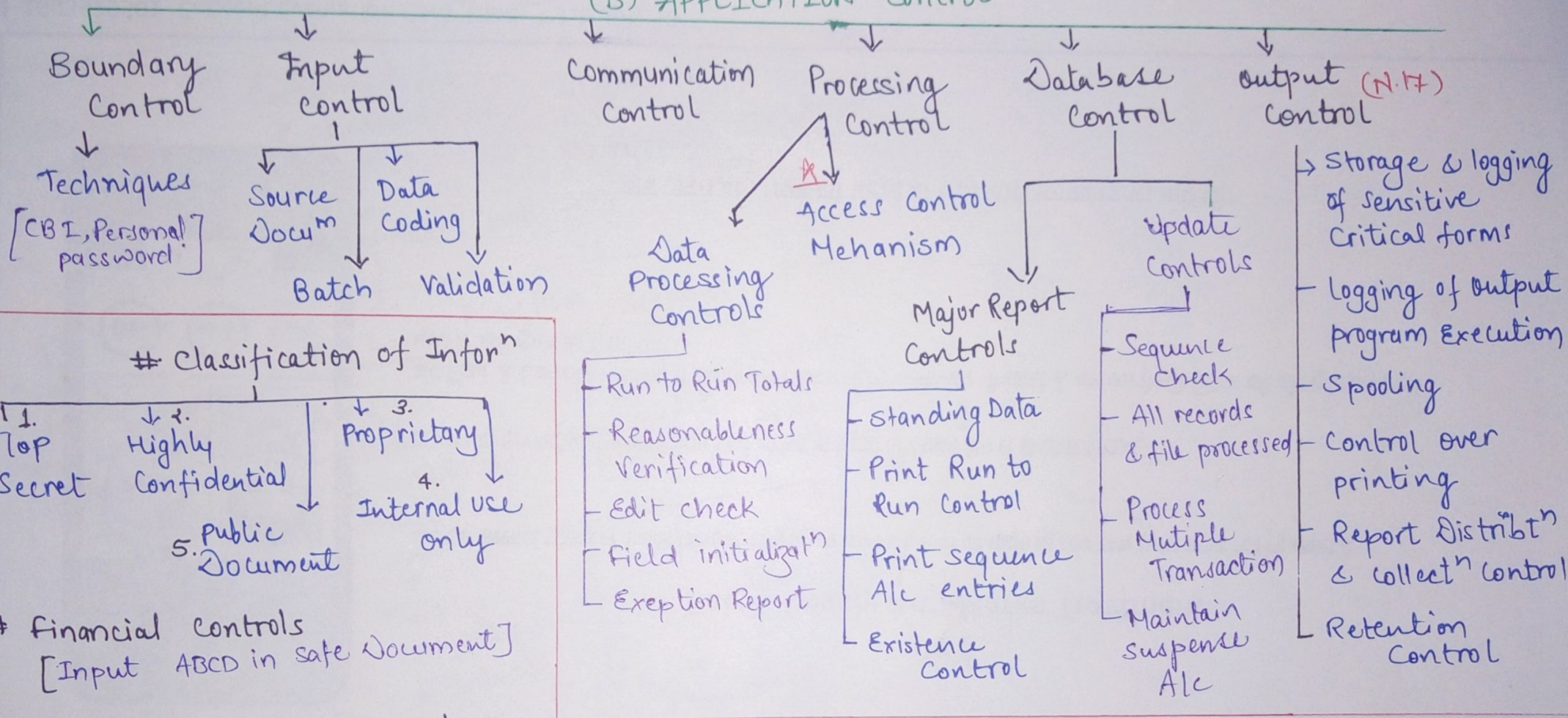
① Nature of Info System Resources



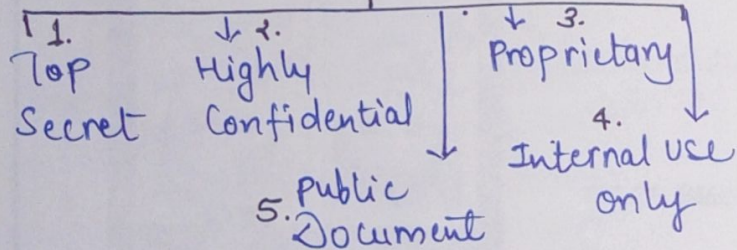
(A) Managerial Controls



(B) APPLICATION Control

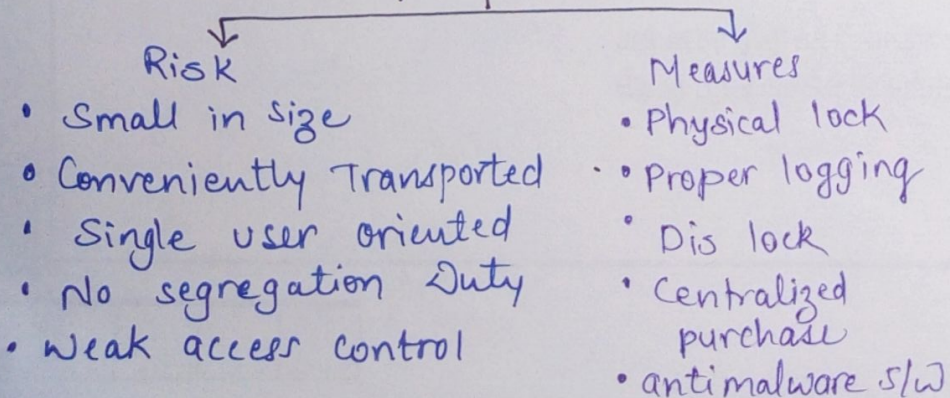


Classification of Infor^n



Financial controls
[Input ABCD in safe Document]

Personal computer Controls



cyber Attack

- Phishing
- N/w scanning
- Virus code
- Spam
- others

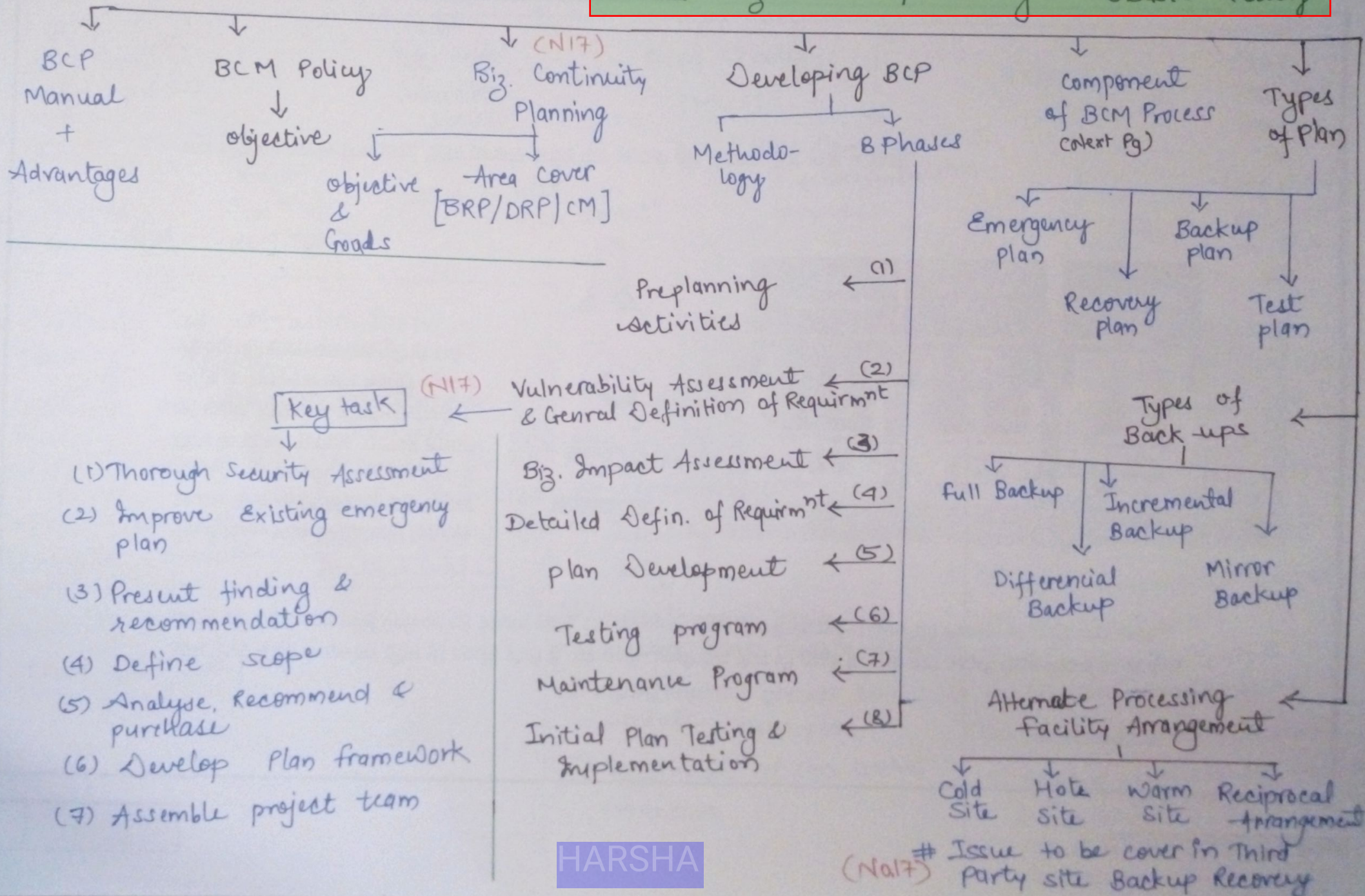
Impact of cyber fraud

- Financial loss
- Legal Repercuss.
- Loss of credibility
- Disclosure
- sabotage

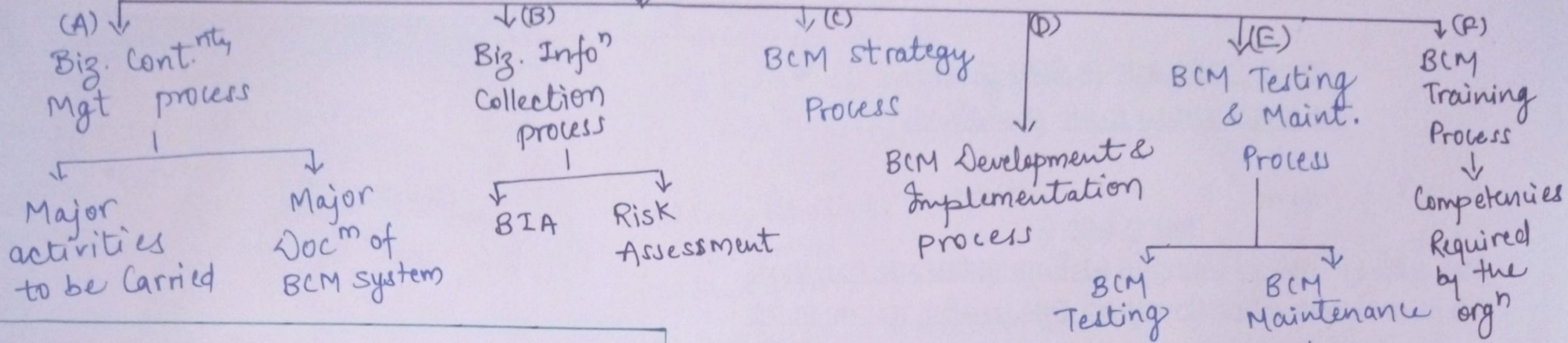
Technique of cyber fraud

- Hacking • Cracking
- Data Diddling
- Data Leakage
- Piggybacking
- Logic Time Bomb
- B Dos etc.

CHP-4 Biz. Continuity Planning & Disaster Recovery



Components of BCM Process



Contents of Disaster Recovery Planning Document

- | | |
|---|--------------------------------------|
| (1) Cond ⁿ for activating plan | (5) Maintenance schedule |
| (2) Emergency procedure | (6) Awareness & education activities |
| (3) fallback procedure | (7) Responsibilities of individuals |
| (4) Resumption procedure | |

Audit of BCP & DRP
(Read from Book / PM)

- | | |
|---|--|
| <p>Maintenance Task in Development of BCP</p> <ol style="list-style-type: none"> (1) Determine ownership & responsibility (2) Identify BCP maintenance triggers (3) maintenance regime to ensure plan remain up to date (4) maintenance process to update the plan (5) Implement version control procedure | <p>Audit/self assessment of BCM program</p> <ol style="list-style-type: none"> (1) Identify & Include key product & services (2) priorities & requirement (3) BCM Competence & capability (4) BCM solutions (5) Exercising program & effective implemented (6) Incorporate improvement (7) Ongoing program for training & awareness (8) Effective Commⁿ of prod procedure |
|---|--|