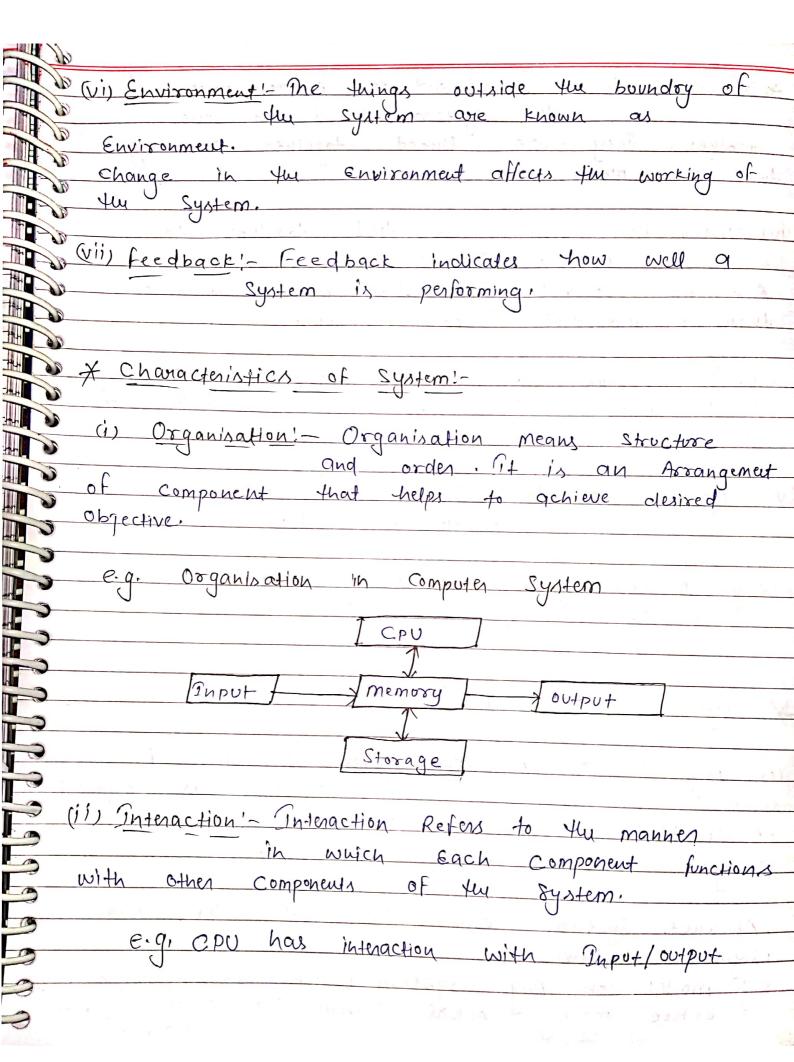
CA-105 Syntem Analysis And Design

-V C
* System is An organized Relationship among & functioning units or component while controls
functioning units or component that work
common goal, Eacla Composella at
$\frac{1}{1}$
example of 9 System are the law and
procedures of a democratic Government.
* Elements of System:-
in puts one the elements that Enter &
(i) Input! - Inputs one the elements that Enter & in the System for processing output.
(ii) output: - Inhat goes out from the system after
(ii) output: - Inhat goes out from the system after & processing the Input data 1, known &
as output. The main aim of a surem to another
as output. The main aim of a system to produce &
(iii) processor: - processor do tu actual transformation
of input into output.
(in) Control! - The Control Element guides the system.
Control Element manager the system.
eg. In Human body the control Element is our
eg. In Human body the control Element is our controls our body.
•
(V) Boundries: Boundries are the limit of a system
(V) Boundaies: Boundaies are the limit of a system which determine its sphere of influence
f control.
e.g. Evay System has its Bounday like we can see in college system the college system the college system has an Bounday all where all work done.
Can see in collège system the collège
System has an Boundry all where all work done.



	-
O COMPANDE DOUBLE OF	
Interdependence'- interdependence means pour	
The dependence: Intendependence means parts of for System depend on one another. They are linked together According to a plan.	
to a plan.	
TV Q P(QV)	
(iv) Integration: - System is fied together to	
Achieve Central goal.	
Achieving Central Goal has more impostante	
(iv) Integration: System is tied together to Achieve Central goal. Achieving Central goal has more importance Than individual parts output.	Car y
a colore system by centroal goal is	
e.g. In collège System tu central goal is to provide degree. i.e. the Integration of	
the System.	6
(v) Central objective: Central objective is	-
predetermine goal.	C
	Ç
e.g. Buisness system has an goal of Earning profit.	
profit.	
* Types of Syxtem:-	_
i) physical or Abstract System: - A. Physical	
Jouchable or real sentities e.g. Computer, College, Hotel et.c.	ysical
Touchable or real Entities e.g. Computer,	1 1 4
Collège, Hotel et.c.	
O Company of the second of the	
Abstract System are Conceptual or Non	1-
physical Entities physical Entities 2 200 del on Any System which we have	
e.g. model on Any System which we design before making Actual system like togffic so modern	4
U before making Actual System like teaffic s	ystem
moder	,

(ii) Open and Close System: Open System interact with	
interact with	
Environment it recleus inputs and delivers outputs	
to the outside.	
eg. Buismen, Biological System, Library, Bank etc	<i>3</i>
Stankson me	ut
Close System does Not Interact with survivonme	19
Neither Reciens input hox delive outputs	
to VIII old	
e-g. A computer program without input and	
output.	
	23
(iii) Information system: - Information System provides	11:
information for decision making	ng-
and for control of the organization.	
e-g. Like weather forcasting system provides us in	Forma
aboute weather. And According to that info	6 ma
we take our decision.	
	1
(dos) (a formal to Consoliano and and formal	
(00) 9 formal information system: formal Information	04_
system based on	que
Organisation represented by organisation ch	cust
Information is distributed in the form of instr	uclio
memos charts or reports from the top leve	N CAT
to the intended	(
to the intended user.	or !
Vice chancles	iki j
HODS	(not)
Πυνς	
CR DATE TO DE	10
Students.	
-tockey,	

Co Novec
(B) Informal Information System: It is Employee based System that
based System that
develops Spontaneously en Employees meet.
It Helps in the Solution work related
Froblem. E.g. Casual Conventation, Exchange of News on E.g. Casual Conventation, Exchange of News on Social
media Convenation over coffee.
@ Computer based information system: - In computer based information
based information
Capanidas to process data
on system be one composed
and produce information.
-> pecision support system: It provide support
-> pecision support system: It provide support to the top management
For decision making,
It provide tooks to Assit managers in Analyzing
information of rom fur two lovers management revels
and form the description of the control of the cont
and from outside fu Company.
It uses database managment system, statistical
Analysis programs, financial modelling, spreadsheet
program and graphic program.
-> Management Professionation Survey (1)
-> managment Anformation System:- It provide
Support to the
middle level management for decision making.
functions of middle level management and
functions of middle level management core planning, controlling, decision making.
J. J
Example of Report generated by MIS are
CMINIPILE OF THE STATE OF THE S

)	
9	Sales analysis of a region, cost analysis, production Schedule eitic.
	Sales analysis of a region
,	
	The state of the s
	Suleni It provide Day
, -	Fransaction provering System: It provide Day to Day operating
-	
	Activities or transaction in an organization goods A transaction is an occurance in which goods Organization goods
_	A transaction is an occounted from one person
) Savices of men
	account to another,
	E.g. Customer order, purchase our
	Example of Report produce by TPS are list of
	Example of Report produce by 125 arrivals
	Example of Report produce by recorded in various items sold, all accounting recorded in various
	ledgers and registors, list of items that Need
	to be ordered.
	A TPS usually operates only within one functional
	Correct.
	the state of the s
	in a land of the things
	· tuarcantuala
	· · · · · · · · · · · · · · · · · · ·
	to spin book with the solutions
	The stand of the stand of the stand
	TANK OF AUGUST IN CHARGE IT AND THE
	to any series of the series of
	AVE AND

