	WORK STUDY + Theory Page No. BODES(NE) Date :
2)	Method or Motion b) Time or Work Measurement
	Work study analyse the work into smaller parts in order to reasonge these parts to increase productivity. I to find a standard time for each job. It is divided into 2 parts:-
	Method or Motion study: It is a set of techniques developed to create new alternate methods of doing the job at a lesser effort & more effectiveness
n	Steps of Method Study:- 89)
	RECORD > all the data related to the job EXAMINE > Recorded data
	DEVELOP - Few alternate methods
100	INSTALL > best alternate
	MAINTAIN > the installed alternate
9	Recording Techniques: These are designed to simplify 2 Standardize; the recorded work. The most
	generally used seconding techniques are:-
	Proces Charts (P.C) outline P.C b) Flow P.C of Two handed P.C

	Page No. Date:
2.	Time Scale
a	Multiple activity chart
Du) \$	Simo)
(elis)	SIMO 3 micro motion
	(SIX)
3.	Diagrams
a)	Flow c) Travel chart e) characters
b)	String d) cycle graph F) 2-D & 3-D models &
	Templates.
	Process Chart (P.C): It indicates the sequence of
	operation & the process chart symbols use are
	O - Operation \(\triangle - storage
	- Inspection - Transportation
	D - Delay or Temperary storage.
9)	Outline P.C: These charts are used to get a little
	bit of information about the process & it uses
	only 2 symbols i.e Operation & Inspection
*	
6)*	Flow P. C: These are of 3 types: - Man, Material &
	Machine types. These chart are much detailed
	ymbols are used. There about a much detailed
	Input are used. These charles are normally used
- 6	omplete picture!
c) T	up houst at 0 a . T
14	e Right hand of an oberator are activities of Loft Hand &
	e Right hand of an operator are seconded on a common

time scale related to each other. All the Five symbols are used and these are preferred for short cycle. repetitive sitting jobs which are repeated many times a day Time Scale: a) MULTIPLE ACTIVITY CHART (&) Remark Operator Machine Time Job 1.5 min Loading M/c 5 min working Joh 0.5 min unloading working I Idle Operator Wilisation = 2 x 100, Cycle Time = 7 min M/c Utilisation = 15/7 x 100 In these Charts, the activities of more than I itom are arranged on a common time scale to show their inter-selationship, the study of these charts makes it possible to rearrange these activities so that their utilization is optimised. Gong Process chart: It is the form of multiple activity chart in which the activities of Gang or group of workers is synchronised on a common time scale while performing a similar task. eg famula-1 lacing can, after I lap.