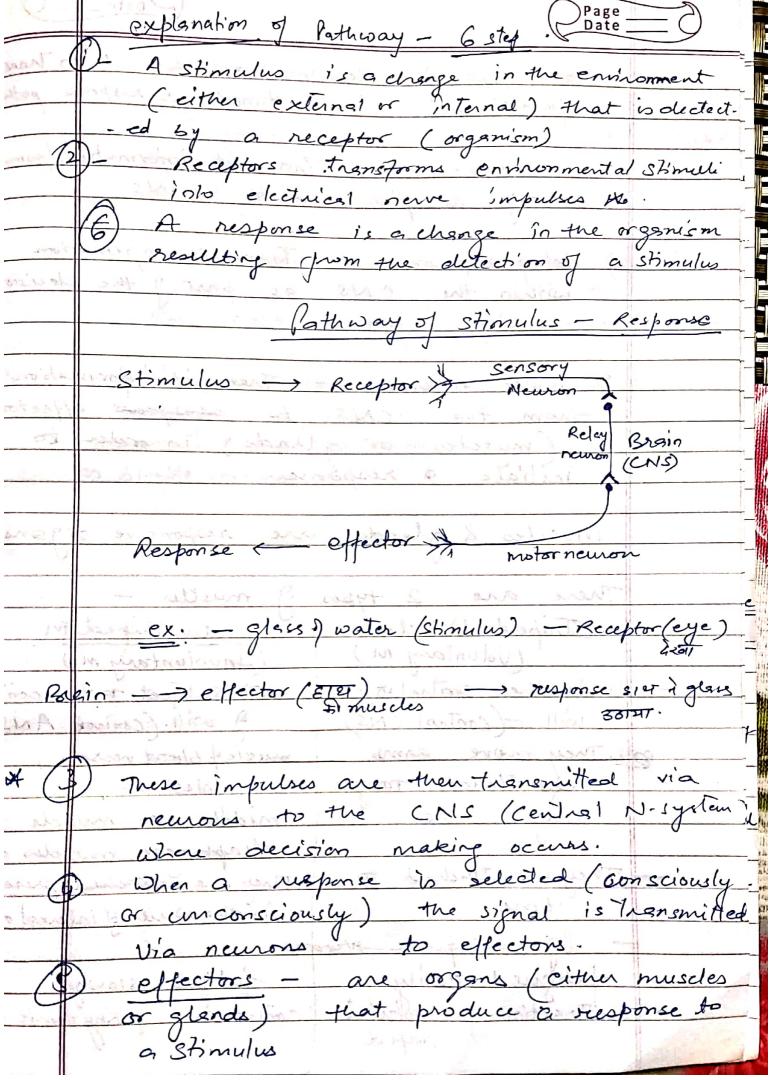
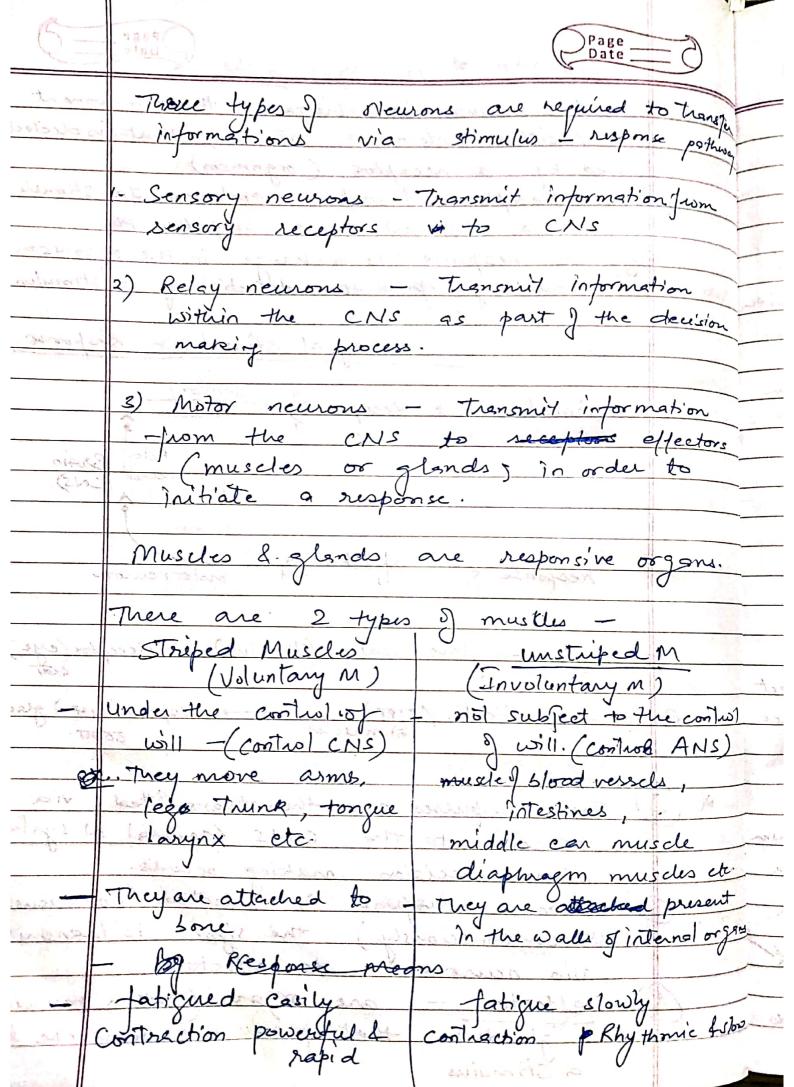
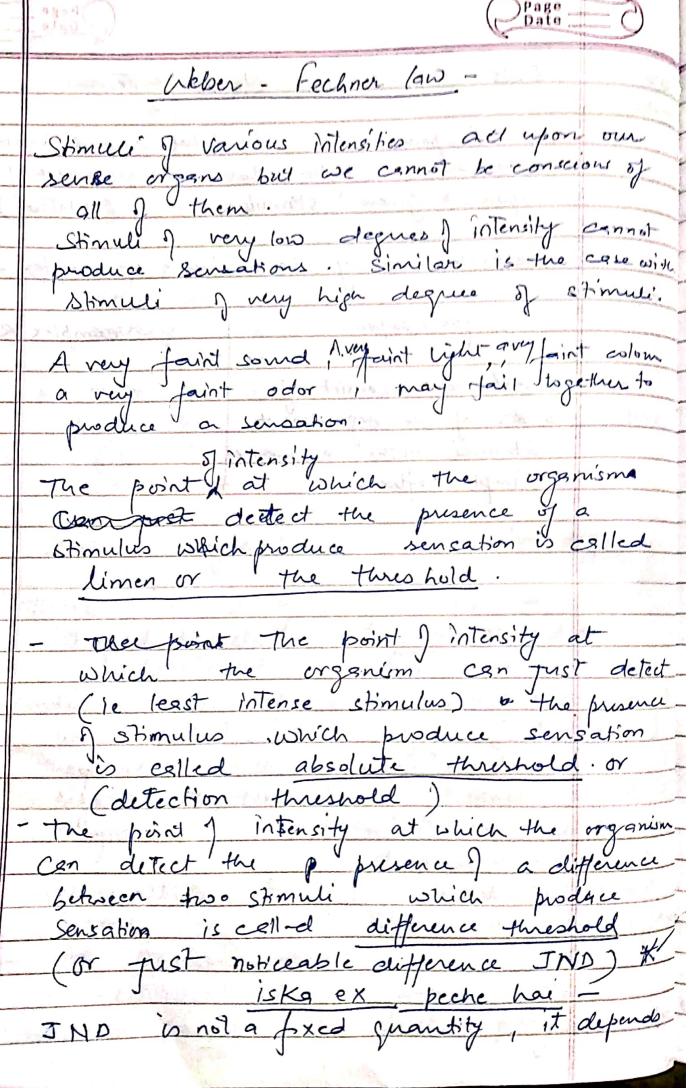
-	Page Date Date
	- Stimulus & Response
	- Weber - Fechnes Law (IND)
	- criticisms of weber - Feehner law
	- Weber - Fechner Law (IND) - Criticisms of Weber - Fechner law - Methodo of psychophyrics
	Psychophysics - the branch of paychology that
	Psychophysics — the branch of paychology that deels with the relations between physical
	Stimuli and mental phenomena.
	or scientific study of the relationship
_	b/w stimuli le the sensations le perceptions
	croked by these stimuli.
	The behaviousiste segands bythology as a
	The behaviourists regards psychology as a Science of behaviour.
	Science
	Babarion is the response of to a Stimulus.
6	s organisms responds to stimulus so - s - stimulus
	$S \rightarrow O \rightarrow R$ 0-organism
	The Stimuli comes from environment to
_	The stimule comes from environment
- 1	1 000
	them, its responses effects changes in the
	environment $W - S - O - R - W$ $W = world$
13	W-3-0-R-W N- envision
_	
1	





Date	
ANS - Autonomic Nervous system.	- 141
The Response — The total striped 4- musular & glandular change which upon a sinen stronger (1)	unstriped
musular & glandular change which	/0110 WA
upon a given stimulus - (Watson	
The Charles of the Contract of	
Responses may be simple or complex	-
Simple Response complex	Risponse
the state of the s	6.16
- Behavious consist of	
S.R. of the organism to Stimule in the curinorment	
Stimule in the environment	
as simple reflexes	
Consequent dested the presence of	
Africulated waterly principles a sear callon is	4 77 See 1 Can 1
blicust est mante	
with the state of the state of the state of	Courten
Sent and productions and the first of	7
	e hes
week subsect would subsect A	
about the state of the sales to the sales of	
Letanner to moralist	
with a warm to be premarial. It town out	
L D main and low with to state the said	
and the state of t	
coult assessed its books on addition	
CT SUNGER STORES	



	are and the totale the chimuli being measured
	are and the particular suise being measured.
" land	Weber's Law states - that the JND of
255	Variation is a constant proportion dispite
75	Variation on intensity.
9	JND - smallest change in stimuli that can be perceived
	Ernst Heinrich weber - was first poo to
	approach the study of the human response to
27-	a physical stimulus in a guantitative festion.
. d =	- formulated law between the upper limit & lower
che	tochnice factore limit or threshold.
el É	As stated abover -
	IND de is proportional to the initial
10 1	stimuli intensity (s)
	The second of th
	de - 10 to continuous -
	$\alpha s = R s$
	$dS = K^*S$ $S = reference Stimulus$ $K = constant$
tr.	Kan = constant
Y	Kan = constant
6 V 1 V X	Kan = constant
500	1K = constant
The state of the s	Weber law always feils at low intensities, = rear and below the absolutes detection =
W. W.	Weber law always feils at low intensities, = near and below the absolutes detection = threshold, and often at high intensities
W. W	Weber law always feils at low intensities, = near and below the absolutes detection threshold, and often at high intensities
W. W	Weber law always feils at low intensities, = near and below the absolutes detection threshold, and often at high intensities
STATE OF THE STATE	Weber law always feils at low intensities, rear and below the absolutes detection threshold, and often at high intensities Rackner faw states -
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Weber law always feils at low intensities, = rear and below the absolutes detection threshold, and often at high intensities Rackner face states -
100 mm	Weber law always fails at low intensities, rear and below the absolutes detection threshold, and often at high intensities facknown favor states The point beyond which Trimelus can not be percived by organisms in
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Weber law always feils at low intensities, rear and below the absolutes detection threshold, and often at high intensities tacknow favor states - The point beyond which stimulus can not be perceived by organisms is upper limit of sensation or terminal threated threshold and upper limit or the height of sensibility is asked the range
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Weber law always feils at low intensities, = rear and below the absolutes detection threshold, and often at high intensities tacknow faw states - The point beyond which Trimulus can not be perceived sy organisms is upper limit of sensation or terminal threshold threshold and upper limit or the height of sensibility is asked the range Sensibility of ND is proportional
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Weber law always feils at low intensities, rear and below the absolutes detection threshold, and often at high intensities Rackner law states - the point beyond which stimulus is can not be perceived by organisms is upper limit of sensation or terminal threshold threshold and upper limit or the



to logarithm of the actual intensity measured with an accurate monhuman instrument P=kh= The relationship b/w Stimulus & geneation varies as a geometric progression, the Corresponding sensation is attend in an arithmetic progression. To increase the intensity of a sensation in arithmetical progression, the stimulus must be increase in geometrical progression".
The sensation increase as a logarithm of the stimulus - Rnown as Water Weber - Fechner Law - Meens stimulus must by multiplied by a constant praction - in order to that the coerusponding sensation may increase the addition of a fixed unit. IND is proportional to intial stimuli Fechner found that JNO is constant Deriving techner law - > fechner formulate whe I Thumb regarding human perception.

=) Fechner (aw is a mathematical derivation Ithink of Weber Contrast increase in the Stimulus

B	dp = differential change in perception
Q	dp = differential change in perception R: unstant factor - determination of experimentality
W. W. W. W.	
- from K	isting integrating the mathematical expression derivation of weber centrast.
	P = K In S + C (C= constant) integralia
· Jasons	& In is the natural algorithm)
	To solve for c, assume that the perceived
34 17	Simuli become zero at some threshold
i amo	Stimuli so lesing this as constraint
7	Set p = 0 & S = So
al of	GREGOR CO = - KINSO OF SELLINI
मेल रहा।	and the second party consists of the second
· vron	Substituting a in the integrated expussion for webens law
9 14679	The webing law and and and and
	perk In 3
	Constant R is sense
12224	specific & must be
. †	determined depending _ on the sence & type -
	J Stimuli.
Durid	2 laid of land sure Very a land
physiols	fre weber of cehrer law has been explained
U	nesvous system Az a sensory nesve is
total 1	stimulated by a stimulus it gradually
187	becomes les sensitive so a stronger
51 131 30	Stimulus is required to produce an appreciable effect in the costical certific
13. CA	belonging to that sense.
Cal.	

