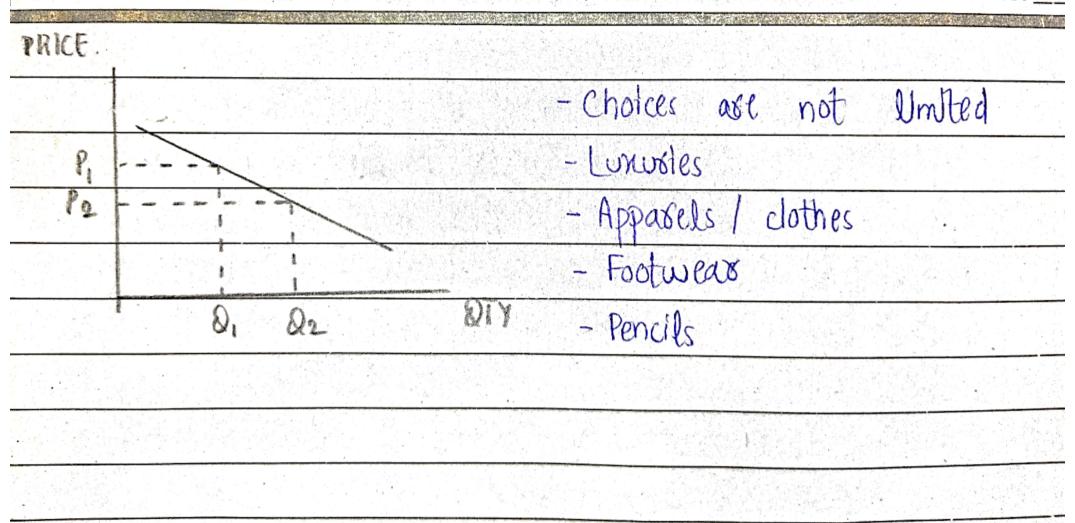
ELASTICITY OF DEMAND:
Flasticity = percentage change in quantity demanded = % A Rd
percentage change in police % Ap
$E_d = (R_2 - R_1/R_2 + R_1) - ((P_2 - P_1)/(P_1 + P_2))$
2
= Responsiveness of Quartity Demanded
Due to Polce Change
= Corresponding a sensitivity of demand
△ sensithity of Polce
In Elastic Demand:
1) Choices age United
2) Necessities - products and services of soutine
3) Demand curve appears to be steep I Inclined
4) Huge change in police is sequired to boing about a change in
quantity
5) Price interval should be greater than quantity interval.
PRICE Enamples:
P. T. A. Blryani
- Bread (police went 1, demand quantity less 1)
→ · · · · · · · · · · · · · · · · · · ·
01 02 DIY
PRICE Perfectly Inelastic examples:
- Cancer treatment
- Chemotherapy sessions
- Organ toursplant
QTY
Blastic Demand:
1) A very small change in police is required to bring about
a charge in quantity.
2) Police interval is smaller , quantity interval is greater.
3) Demand curve appears to be flatter
이 돈 아이지도 어디에 살아왔어요. 이번 사이는 것이 아니지 않았다면 하지 않는 점을 하는 것을 하셨다.

Date:





		Date:	
SALE OF MOVI	TICKETS:		
11: 81-			
E12 3			a the state
6 1			
5			a A line
9 1 1 1 1 1			Marie The
3	1		
2 1 1 1	1		
	1 1 1		
01	1 1 1	SUANTITY	
8 x 100 = 800 4 x 5	5 6 7 8		ALC:
7×200 = 1400 3×	AND THE PROPERTY OF THE PROPER		
6 x 300 = 1800 5x.			141 4
5x400 = 2000 1x8			
Total Revenue (TR)			
		change does not bor	na lost
a change in		Charge both the con	y about
	quady.	Profit = Total Reven	p Coch
TR	WITCH TIME	Poofit = 800 - 8	
Profit &	12		Provide Market
1904	TMELASTIC	≈ 792 °C	
-	- (8)		1
	٩		
TR 1	1 64 >1	Profit T	
TR constant	Ed = 1	Profit constant	
TR V 82 < 1		Profit V	
		<u> </u>	
	•		
130 - 150 - 150 160 1 200 100 100 100 100 100 100 100 100			
			40

	Date:
(17) From WhatsApp	
(a) &= 2000 - 20(10)	
Q = 1800	
(b) & = 2000 -20(0)	
(C) TR = P x &	. 20P = 2000 - Q
$TR = P \times (2000 - 20P)$	P = 100 - 0.05Q
TR = 2000P - 20P°	Lin teams of Rice
Px8 = (100 -0.058)&	
P.A = 100 & -0.05 &2 - to	ital sevenue
	of change of TR, diffesentiate!)
MR = 100 - 0.18 - in learn	s of Mee
MR = 2000 - 40P - In Itam	
(d) TR = 2000 (70) - 20 (70)2	MR = 2000 - 40(70)
TR = 42000	MR = -800
(e) Ept (point of elasticity) = slope	
V	Q
& = 2000 - 20(70)	<u> </u>
Q = 600	
Ept = -20 x 70 =	-2.33
600	
(f) TR = 2008(60) -20(60)2 = 49	3000
	00
	0
	$=\frac{-3}{2}=-4.5$
(g) Ed = slope x P =>	-1 - 0
0	
2000 - 20P = 20P	2000 - 20P
2000 = 40P	

Date:
(18) From whatsApp
(a) Revenue change = $(1 \times 672,000)$ - $(1.5 \times 623,000)$
= -44,450
21-3-23
CONSUMER BEHAVIOUR & UTILITY MAXIMISATION:
(1) Assumptions of Consumer Behaviour
12) Total Utility and Masghal Utility
(3) Law of Diminishing of 11 11
(4) Utility Manipulsation Rule
Consumers?
(1) Consumers are demanders and ultimate users of product service
Behaviours? Response / Reaction / Choice
Assumptions: (1) Rationality -> LOGIC -> UTILITY MAXIMISATION
(2) Budget Constraint -> INCOME (Easy I severe BC)
(3) Preferences -> PRIORITIZING THINGS
(4) Polces
Utility before to satisfaction I happiness
· Total utility is total satisfaction
• Maxyinal utility is entra satisfaction
13 October Sadisfaction
Law of Diminishing Massginal Utility:
As the individual consumer more it
As the individual consumes more units of a certain good or service, total utility increases, but marginal utility declines.
total birting increases, but marginal utility declines.

	BREAD	TU	MU	71		
	0	0		70		A RESIDENCE OF THE PARTY OF THE
7	4	10	10			The state of the s
3	2	18	8			
	3	24	6		/	
	Ч	28	4		/	The state of the s
	5	30	2			BREAD
The state of the s	6	30	0		in interest	
	7	28	-2			
	7 - 1		en e		1	
				and the same of th		
4	3 8	-1-1-1		and control		
-			· · · · · · · · · · · · · · · · · · ·			VARALLE
1.5			- 1.			BREAD
117	ILITY MAN	IMICATIAN	Rul F.	To red	or by	nawmise satisfaction
1 h	0 000000	or cho	old all	acate +	helx mor	ney in a manner
				the state of the s		good gives them
	qual util	itu nex	unit	currency	The Cool	gova give crim
	Ma	Wmlsatto	γ =	Rationalit	ū	
		Allocate		Preference	H	
		1.15		the second second second	constraint	
		- V	a	Police		
	uAlat	7 - Y-17-		Masginal		1 Potce
	UNITS		Mua/Pa		MUP / PP	$P_a = $1 P_b = 2
	7	10	10	1-24	12	Income = \$ 10
-	2	8	= 8	90	18	(Consumer will spend all
90	1 2		* 7	18	9	income)
	2	7	1 1 70	1 10		MUDINCI
	3	7	11	16	1 2	
	4	6	L 6	16	=8	8 = 16
	4 5	50	L 6	12	- E	8 = 16 1 2
	4	6	L 6			8 = 16

		1		The state of	7.00		Date	70 2 52	
		Consumes	Behavious 1	Ind Ut	delity	Mawmisati	on		
(11	from 1	WhatsApp)	Two goods	A &	B				400
		= 18 - N				\$10		4 33	
	MUb	= 21 - 21	1= 3					4.	
	2	s the am	ount spent	in A			()	is the	W
	y	0 11 1	tı tı	u B	14-3	Helity per	s dollars	How is 17	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					allocated	1		
	10 -	n = 21 -	24			10 -(3) =			
	-11. t	2y = 11		Mu	b =	21 - 2(7) =	7		
+		4 = 10							
41		Sy = 21		MUa	= M	Vb = 7		is all the	7
. ,		4 = 7		MPa	P	b carrier	Militi		Traine.
	16	n = 3	10	5-96	= 21	-24 = 7	9.1.3	h. Period	
1 2 2	- 3	1 14 (19)		n=3,	4=7	i alaa a	i in t		
CO		hatsApp) © Incoeases MUx/Px	to \$12				1000	The things	e ot
(a)	1		8		-	MUx /Px	MY MUNICIPAL TO A STATE OF THE PARTY OF THE	Control of Control of	
-	2_	4	17		1	- pa-ensessary	8		
	3	3	6		2	8	7		
	4	2	5		3	6	6		
	5	1.5	4		4	4	5	505745	
	G	1	3		5	3	4	The state of the s	7.4
	(the	ditto from	whats App		6	2	3		
			ALC VOICES						
be	mand	curve for	n:	(d)	Pn =	\$2 Py =	11	Income = \$	12
P						n = 3	Units 4		7 5
\$2	1) (1 (5), (3)
	6	1			41. 64		1,1,4,4,80		
-11									
	12	4	uwits						-

© Pm	= \$2	Py = \$2	Income = \$12	
		MUX / PX	MUY/Py	p Demand curve for Good Y:
	1	5	4	
	2	4	3.5	12
	3	3	3	
	4	2	2.5	
1 1	5	1.5	2	3 Units
	6	1	4.5	
		1	1	AA 0 00

29-3-23

Budget	Line	
	_	-

- 1) It is the budget constraint and it is also tesmed as Polce line
- 2) Egn. of the Budget Une:

M (Troome) = Pa. A + Pb. 8 (Pa = Price of A, A = Units of A)

3) Budget line Approach: It is an objective approach to utility

analysis.

utilized 4) It shows various combinations of goods which be can

(taken) by the consumes,

	_	- 0	
	A		INCOME = \$12
11.0	0		$P_{A} = 4.5
if Pa .	C-61	1	
	7,77	C	12 B

Income (M) = 12 = 8 4.5

> = 12 12 1

U =

1> if Pg = \$2 PROPERTIES: sotate along the auls. (1) Budget line can

QM/PA

(2) Budget Une can also pasallely shift.

AMIPS:

- · Pace can sotate the budget line,
- constraint. · Income can shift the budget -> Consumption Assumption: Police of B increases

deline of B should

-> and Inwasds Potate vice should versa Budget line

Income = was \$12, now \$16	w , t , "	1 (4)		
Increase in income, shifts the b	udget	constra	unt orghtwards	and vice
yessa A	- 1			40 7 14.
A	, T			
A ₂				
1-46 (NE)	Fuller State	N. de di		
B2 B	81			
Slope = Ratto of Polices of Goods	- 1	PB	= 1 = 2	
		Pa	4.5	
Combinations: (8,0) (0,12)	A	В	$M = Pa \cdot A + P_0 \cdot B$	
A 3.PB = 28PA	8	0	12 = (1.5)(8) + (0)(4)	
6	6	3	12 = (1.5)(6) + (1)(3)	
4	4	6	12= (1.5)(4) + (1)(6)	
2	2	9	12 = (1.5)(2) + (1)(9)	自在安美。
0 3 6 9 12 8	0	12	12 = 0 + (1)(12)	
Income is now 16: (PA =	\$4.5	, PB	= \$1)	
REVIEW &			30	-3-23
Ed = % DQs				
% Ap				
$\epsilon_{d} > 1$ Elastic Demand $\Delta P < \Delta R_{D}$				
Ed < 1 Inelastic Demand AP > 8		Lagary		
Ed = 1 Unitary bemand Ap = 2	18			
TYPES:				
(4) ARC ELASTICITY: Ease = Q2-				
(Q2+ Q				
P2 - P				
(P_2+P_1)				
(2) INCOME ELASTICITY: Ey =	Q2 -			
	(02+8			
	Y2 -	γ.		4

	Date:
CROSS ELASTICITY: Ecross =	8/18 - DIB
	(Q2B + Q1B) 12
Substitutes &	PeA - PIA
Complements	(P2A + PIA) 12
Point Elasticity:	
(1) Point Polce Elasticity:	
$E_{PT} = -\Delta Q \times P$	
AP &	position from a settle culture of the
(2) Point Income Hasticity:	
$E_y = \Delta Q \times y$	
Δy Q	
. QD = 20.2D + O.T.Y	
Advertising Hasticity:	
Eadv = 4. 18p	
% Adv. expenses	The state of the s
<u> </u>	