	Name: Shah Raza Reg No: 18 PWCSE1658 Subject: Engineering Economics Assignment: 02 Submitted To: Durre Nayab	
	QNO. 2.4: Classify each of the following	
(1) (2) (3) (4) (5) (6)	Raw Material > Variable Cost Diver Jabor > Variable Cost Depreziation > Fixed Cost Supplies > Fixed Cost Utilities > Fixed Cost	
H & CO	Sinsurance \rightarrow Fixed Cost Clerial Salaries \rightarrow Fixed Cost Sale Commission \rightarrow Vourlable Cost	
(13)	Rent -> Fixed Cost Interest on borrowed money -> Fixed Cost QNO: 2.5 Relationship blu Cash cost and cash flow	
	cash flow	

6	
(**)	Cash Cost: A cost that involves
11	17 (0)5
pay	ment of cash is called cash cost.
	是一个人们的时候,我们就是一个人们的时候,我们就是一个人们的时候,我们就是一个人们的时候,我们就是一个人们的时候,我们就是一个人们的时候,我们就是一个人们的时候
•	
(X)	Cash flow:
and the second second	(asr) flow is
amo	and and cash
egi	uivalent being transferred into
an,	d out of business . e.g income
Jan	uivalent being transferred into dout of business eig income es (cash lot result in a cash
Str	$p(\omega)$.
1	
() n	10: 2.10
	10: 2.10 Difference blu Mongpoly, igopoly and competition.
m 0	iandolu and competition.
	gopoly and correspond
(D) IN	Managa Pu.
7	Monopoly:
ا د	Des company deminates the industries
	The company control the miner
- 11	One company dominates the industry. That company contrals the pricing. Make it almost impossible to
→ 1	sulle it william impossible to
5+	axt a business. Virtually the only unable seller. ey Google:
>	Virtually the only unable seller.
> (ey Google.
CHRONIPEE CLEEN A.P.CHEWER	
6	
*)	Oligopoly:
Chieffin de Marchand affinder (M. Nation de	
> f	I few companies dominate the
ir	dustry.
-> Px	icing is few but highly infilrecel
b	u olile lew.

→ Difficult to start a business, but not impossible. → eg Fast-food Restuarants.	•
but not impossible.	
Fait-Comma Restugrants.	
7 eg nor jour	
TO THE PROPERTY OF THE PROPERT	
De Competition:	Andreas Control of the Control of th
	(Market Constitution of the State Constituti
→ Perfect Competition occurs in situation in which any given product is supplied by large number of vendor.	
situation in which any given	
product is supplied by large	
number of vendor.	Dr. Commission
- 140 restriction on accounting	The second secon
occur vendors entitled market.	
-> AUNANCE of complete freedom of	
→ Assurance of complete freedom of both buyer and seller. e.g. Interest providers (Telnet us Fiber opt	
en Anterdit privilex l'Telret vs Fiber opt	~)
LIG SHITCHEST PORTON (COSTO) PORTON P	
A) No monopole is not by economic	
(b) No, monopoly is not for economic welfare of public.	en displacing communication design and a second concerning
welfare of popula.	
	or the country of the state of
GNO: 2.11:-	
A company has established)
501:	
D= 780-10p	
P= 78-10	
10	
a = 78, b = 0.1	
	and the second of the second
D= 78-30 = 48	a think of project programs of
2(0.1) 0.2	

	Now
	CT = \$156.04 +\$413280
	breakpoint will be 9398D = \$ 156.04D + \$ 413280
	D= 2403
	percentage reduction will be
The state of the s	
	$\left(\frac{3111-2403}{3111}\right)^{2}$ 100 = 22.78 /.
	(3111) A
	TO SECTION AND ADMINISTRATION OF THE PROPERTY
	QNO: 2.18
	The annual Cixed cost
	QNO: 2.18 The annual fixed cost
	Sol: TR = pD
4	
	D= TR
	P
	D= 280,000
	76
	D= 7000 units
	Cv = CvD
	CV= CV = 14000
	D 7000
	CV=20
and the state of t	TR = CT
NAMES OF TAXABLE PARTY.	

QNO: 2.33
QNO: 2.33 A former estimulates that.
Sol. P= \$ 3 per bushed
TR = PD = 3×1000 = \$ 3000
if we delay one week
TR= 1.5 (2000) = \$3000
if we delay two week
TR = 0.7 (3000) = \$ 2250
if we delay three week
TR = 0-375 (4000) = \$ 1500
(b)
if fearner harvest in first week then he will be able to get high revenue and it will also have low
it will also have low
risk.

QNO: 2.31 A manufacturing CT= \$100000 +\$20000 501 W= \$15 + \$10 P = \$ 40 As we know that breakpoint 95 TR = CT PD=CF+CVD 40D= 120000 +28D 15D = 120000 D = 8000 > option 3 (b) We know that

profit | less = 9 30000]

Ly option 5 Profit = TR-CT Profit = PD-CF-CND 6000 = 3510 - 120000 - 250D= 18000 Option 4

+		
-	(2ND: 2014	-
+	A company Production	-
1	Sal	
1		
	D= 500-5p	Married Printed Street
	CF = \$ 1000 (month	
	Lv = \$ 20 units	
	As given	
	D = 500-5p	-
	P= 100-0.2D	
-		The state of the s
-	a = 100, b = 0.2	THE PARTY IN ACTURE
-		
-	$D_{TRmax} = \frac{a}{2b}$ and $D_{maxp} = \frac{a - cv}{2b}$	
-	45 , 1 26	
+	100 01	
1	$D_{TRmax} = 100 = 260 \rightarrow (1)$ $a(0.2)$	20-00-0-0
	a (U·a)	Part to the Laborator
	Dmaxp = 100-20 = 200 > (i)	LEGIC TORONO, CONTRACT
	2x0.2	eletet aus produ <u>us v</u>
		- Control Superiores
	(a) $T_R = aD_p - bD_p^2$	and the second
-		
Minny	$= (00 (250) - (0.2x (256)^2)$	
T Chapmage	= 25000 - [a:500.	introduction to the second
Name :	IRmax = \$ 12500.]	and the same of the
(1975MA)	The 1st of the first	OTHER DESIGNATION OF THE
- 348		A CONTRACTOR OF

(b)
$$\begin{aligned}
|R &= a D_{p} - b D_{p}^{2} \\
&= (100 \times 200) - (0.2 \times (200)^{4}) \\
&= 20000 - 8000
\end{aligned}$$

$$\begin{aligned}
|R &= \$ 120000
\end{aligned}$$

$$\begin{aligned}
|C &= CP + (VD) \\
&= \$ 1000 + (20 \times 200)
\end{aligned}$$

$$\begin{aligned}
|E &= \$ 120000
\end{aligned}$$

$$\begin{aligned}
|E &= \$ 12000 - \$ 5060
\end{aligned}$$

$$\begin{aligned}
|E &= \$ 12000 - \$ 5060
\end{aligned}$$

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|E &= \$ 12000 - \$ 5060
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\end{aligned}$$

$$\end{aligned}$$

$$\end{aligned}$$