KRISHNAPRASAD·V. AWALA 2215004

 $\left\langle \left(\begin{array}{ccc} \mathsf{Page}: & \left(\begin{array}{c} \cdot \\ \cdot \end{array} \right) \\ \mathsf{Date}: & I & I \end{array} \right\rangle \right\rangle$

2215004	Date: I I	
Engineering Economics	Assignment -1	
OJ How will you distinguish Economics?		
-> Micro Economics	Macro Economics	
The branch of economics that	1) The branch of economics that	
Studies decision making by a	Studies decision making (s	
single individual, household from	the economy as a whole.	
industry, etc		
if Studies the effect on prices of	il Studies Conomics grant,	
goods and services.	national Encome, GDP, etc	
iii Concerned with indivoidual labor	iii] Concerned with national, and	
markets and construmor behaviour.		
iv7 Major facts Enclude like demand		
supply, factor priving product	income distribution, general,	
pricing, etc.	price level, etc	
	· · · · · · · · · · · · · · · · · · ·	
02] What is the note of engineer	ing in decision making process	
-> il Economic decision making	for engineering system is	
called engineering economy. Il	is defination may seems	
that to too In analyse Project and system or the		
engineering economy however is also the study of		
industry evenorates will the element		
Lactors which on Viano Endu	ST94.	
The term engineering elanomic action in		
investment decision relation	g to engineesing projects.	
	V	

I de five main types of engineering conomic delision of		
I Equipement and process solution.		
El Equipment replacement		
of New product and product expansion		
& lost reduction.		
When company productions 18 units of product, the total		
becomes Rs 5,00,000 but for 19th unit the total lost becomes Rs 5,75,000 calculate mass ginal cost.		
-> Given: In 18th Unit -> 5,00,000 Rs		
In 19th Unit -> 5, 75, 000 Rs		
MC = ATC		
18		
= T(2-T4) = 9,75,000-5,00,000 = 75,000 Rs		
Q2-Q1 -19-18		
By Discuss the measoning behand a decision to Lineagard synkasts.		
Dy Piscuss the greatering behand a decision to Listogard our kasts. 31 It is the cost of an equipment/asset. This cost is not consider		
- ered for any analysis.		
sunk costs, buch as the cost of machinery equipment, &		
sunk costs, buch as the cost of machinery equipment &		
The lease expense on the factory.		
iii) Sunk losts are excluded thom a sel on process justing		
decision Which is a concept that applies to products that		
Can be sold as they one on can be processed furthes.		
id All bunk costs are fixed costs but not all fixed		
costs are sunk costs. The difference is that sunk costs		
cannot be necovered. If equipment can be resold on not used		
Annot de no covola. Il equipment des de not a		

Q5] Bis nessman had three options that we either to work		
income as Rs 15,00,000 per year on to work as partner		
Then what will be an opportunity what of it?		
Employee To start a Work as a		
Fig. Buisiness Partner		
£ 12,00,000 £ 17,00,600		
Opportunity (0st = (12,00,000 + 1500,000)-17,00,000		
= 27,00,000 - 17,00,000 $= 10,00,000 Rs$		
Q6 Differentiate necursing cost and Variable Cost.		
The state of the s		
I Recursing/Fixed lost does not I Variable cost vary with the vary with quantity of output. Quantity of output.		
vary with quantity of output. Quantity of output.		
They are helated with fixed 2) They are helated with the		
Jactors. Variable factor.		
They do not become zero. They 3 They can become zero when grandin same over when production is stopped.		
production is stopped.		
Thomas siepped.		

Marginal lost por unit: RA 1,200		
Eixed Cost per unit: Rs 10,00,000.		
> al BEP Quantity: FC = 10,00,000 = 1,666.67.		
BEP Salus: FC XSP = 1,666.67 x1800 ⇒ 30,00,601.		
J Contribution = SP-VC = 1800-1200 = 600		
Actual sales is 800 with, then margin of suffy?: - Actual sale - BEP sale		
(800×1800) - 30,00,000×100 (1800×1800)		
14,40,000-3000 x 100 14,40,800		
⇒ 8.83 V.		
D8] State the difference between inflation and adjustion. What are different causes of cost push inflation		
Inflation Vellation I there is rise in prices of I There is a fall in price of goods and factors of goods & services.		
27 Employment Increases Decause 37 Industry and commerce		

	and by contain once inflated upon the economy knows no limit & The way out is very difficult.
b) Higher p	Lost Tiff push Inflation. s due to supply side factors. It is much more control. rice of commodities. ave. ash inflation, ad prices.
effective no their earns	tax effect analysis with suitable diagram. We tax rate is the percent of their uncome individual on a compation pays on taxes. The ste of individuals in the average thate at which is income out as wages and uneand in as tock dividends and taxes.
P. Burde	517 D
Q16) Explain the	e circular flow of income and expenditure in copy with suitable diagram?

** The circular flow of income on which the major exchange of money and goods exceed to trespond in value but regarder flow analysis is accounts. and hence of me	
Government Pesposa Taxes Income Gavernment Expand	ble Income Household Consumption Savings Firms Banks Typestment