<b>P1</b> .	P13IP62 Page No 1													
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No	<b>te</b> : i) Answe ii) Missir	v	full questi nay suitabl		0	' <b>E</b> fu	ll ques	tion froi	m ea	ch ui	nit.			
		0	•			IT -	I							
1 a.	Explain the	e followi	ng :											8
	i) Decision	ı making	process		ii) Tactics	s and	l Strate	gy						0
b.	Mention th	ne differe	nce betwe	en the i	nstitutions	s and	Analy	sis.						5
c.	A professo deposit ₹ remaining 10 <sup>th</sup> year.	25,000 a	t the end	of first	year and	the	re after	an anr	nual	incre	ease of	f₹5(	00 for	the 7
2 a.	Derive the	elevation	n for unifo	rm serie	es capital 1	reco	very fa	ctor.						10
b.	Determine	the effec	ctive intere	st rate f	for nomina	al an	nual ra	te of 6%	6 tha	t con	npound	ded.		10
	i) Semi-Ar	inually	ii) Qua	rterly	iii)	Mor	nthly		iv)D	Daily				10
					UN	IT -	II							
3 a.	Mention th	ne conditi	ions for pr	esent w	orth condi	tion	s.							6
b.	Two holid years servi						-	-					cost of	24
							Co	ttage 1		Cot	tage 2			14
		First co	st (F)				2	4500		10	0000			14
		Estimat	ed life (yr	s)				12			24			
		Annual	maintenar	ice cost	(Rs.)		-	1000		7	720			
4 a.	Explain va	rious def	inition of	asset lif	e.									6
b.	The machi the money					-				-		-		
			Cash f	lows				Machi	ne A		Ma	chine	В	]

Cash flows	Machine A	Machine B
First Cost	2,50,000	1,50,000
Uniform end of year maintenance(Rs.)	2000	4000
Salvage value (Rs.)	10,000	-
Yearly savings on account of less inspection	1000	-

i)MARR ii) IRR iii) ERR 6

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- b. A piece of land adjacent to a highway road is likely to increase in value. The present value now is ₹ 60,000 and is expected to be worth ₹ 1,30,000 within 5 years. During that period, it can be rented for pasture at ₹ 1300 per year. Annual taxes presently ₹ 650 and will likely remain constant. What rate of return will be earned on the investment if the estimates are accurate?
- 6. a. Describe the various causes of Depreciation.
  - b. A melting unit for a steel boundary was purchased for ₹ 40,000, ₹10,000 more were spent on its erection for Commissioning. The estimated residual value after log<sub>n</sub> was ₹ 12,000. Using straight rate of depreciation
    - i) Calculate the annual rate of depreciation
    - ii) Calculate the boon value of the machine at the end of year
    - iii) Calculate the depreciation fund collected at the end of the 8<sup>th</sup> year.

## UNIT - IV

- 7 a. Define inflation. State its consequences.
  - b. "Replacement decisions are critically important to a firm" Explain the meaning of this statement. 6
  - c. Differentiate between dependent and independent alternatives.
- 8 a. With a practical example explain "Replacement due to Deterioration.
  - b. Write a note on "Causes of inflation".
  - c. Data for three alternative investment plans are as follows:

Alternative	Investment (₹)	Salvage value	Life in years	Annual net cash flow (₹)
Х	6000	0	3	2600
Y	12000	3000	6	2500
Z	18000	0	6	4000

When the minimum attractive rate of return is 10%, which alternative should be selected under each of the following decision conditions?

i) Individual alternative are mutually exclusive ii) Individual alternative are Independent.

## UNIT - V

- 9 a. Derive the expression for BEP
- b. A gear manufacturing company sells gears at a selling price of Rs. 250 per unit. Determine
  - i) The break even quantity ii) The breakeven sales
  - ii) Contribution iii) The margin of safety if the actual production quantity is 60,000 units.
- 10 a. What is the difference between estimating and costing?
  - b. Distinguish clearly between the following:
    - i) DMC and IMC ii) DLC and ILC
  - c. A firm is producing 100 units per day. The DMC is found to be ₹ 60, DLC is ₹ 200 and factory overheads chargeable to it is ₹ 250. if the selling expenses are 40% of the factory cost what must 11 be the selling price of each unit to real profit of 15% of selling price?.

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