

Code No.: 3133

12. Explain any 4 important main functions and a substadiary functions of FACULTY OF ENGINEERING

B.E. 4/4 (ECE) I Sem. (Main) Examination, December 2010 INDUSTRIAL ADMINISTRATION AND FINANCIAL MANAGEMENT

NGG Time: 3 Hours]

[Max. Marks: 75

Note: Answer all ques

A. Answer five questions

		from Part - B.	
		PARTERIA DE CALLE CALLE DE CAL	Marks)
1.	Li	ist the types of business organisations found in vogue. M90 or research with	2
2.	Sta	rate the principles of plant layout. Critical path Critical path	2
3.	Sta	ate the criteria for selection of a 'New Job' under 'Select' of method study.	3
4.	De	efine any four types of Allowances.	4
5.	W	That are Warning limits, Action limits, Future limits, Type-I and Type-II errors	
	in	control charts? 99.1 ni amismano 'mabnubosi' bna	4
6.	W	ii) State the basis on which control charts are const ? selorio ytilaup are the basis on which control charts are const ?	2
7.	Li	ist the assumptions of LPP.	2
8.	Di	achieved between ordering cost street and 'Event' and 'Event' to short and off is is is is is is inguish between 'Activity' and 'Event' to short and is is inguish between 'Activity' and 'Event' to short and is is inguished between 'Activity' and 'Event' to short and is inguished between 'Activity' and 'Event' to short and is inguished between 'Activity' and 'Event' to short and is inguished between 'Activity' and 'Event' to short and is inguished between 'Activity' and 'Event' to short and is inguished between 'Activity' and 'Event' to short and is inguished between 'Activity' and 'Event' to short and is inguished between 'Activity' and 'Event' to short and is inguished between 'Activity' and 'Event' to short and	2
9.	Ho	ow Prime cost differs from Factory cost ? hib eastering besilians wold (in	2
10.	W	hat is the difference between NPV and IRR.	2
		That is the difference between NPV and IRR. How is an inequal difference between NPV and IRR. How is an inequal difference between NPV and IRR. How is the difference between NPV and IRR. How is	Marks)
11.	a)	List the factors which affect plant location. State the theories of plant location. Point out any two important merits of Rural location over City location (1	.5+1+2)
	b)	Compare and contrast process layout with product layout on	STITA)
	,	acceptable grounds.	5.5
ont .			D.T.O



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12.	Explain a managem	any 4 important main functions and a subsiadiary functions of ent.	(4×2+2=1	10
13.	a) Record from r	d the sequences involved in manufacturing an 'Eccentric' drivers material using FPC and manufacturing and 'Eccentric' drivers material using FPC and manufacturing and 'Eccentric' drivers material using Eccentric drivers material usi	re TauGAI	
	b) Distin	guish between OPC and FPC.		
14.		in the concept of Co Evaluation. How it helps in fixing wag		3.
		CPM is called deterministic model and PERT as probabilistic respect to CPM and PERT what do you know about the follow		6.
		itical path		
		andard time rollest rebuilded weld a lo noticeles and ariente		
		eta-Distribution rward vs Backward pass.		
15.		re an example of a LPP with unbounded solution. What are 'New York 'Redundant' constraints in LPP.	on-Negative	,
		te the basis on which control charts are constructed. What is ineering limit?	**	1.
		fine Inventory. Classify inventories. Define EOQ. How trade of ieved between ordering cost and carrying cost?	ff is	3.
	,	w Centarlised purchase differs from Decentralised purchase? imple.	Give an	
16	a) i) Dis	stinguish 'Direct cost' from 'Indirect cost'. With respect to a		

ii) State any two assumptions of BEA. Calculate Sales, Break-Even sales, Fixed cost and Profit if margin of safety Rs. 10,000 representing 40% of sales and 50% is P/V ratio.

manufacturing identify any two Direct and Indirect costs.

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17. A company has to choose one of the following two mutually exclusive projects. Investment required for each project is Rs. 15,000/-. Both the projects have to be depreciated on Starightline basis. The tax rate is 50%.

10

Year	Profit before depreciation Project A Project B (Amount Rs.)		
1	4,200	4,200	
2	4,800	4,500	
3	7,000	4,000	
4	7,000	5,000	
5	2,000	10,000	
C 1 1 . D	nr types of Allow		

Calculate Pay-Back period.