Reg. No. : .....

## Eighth Semester B.Tech. Degree Examination, April 2015 (2008 Scheme) 08.805.3 : FACILITIES PLANNING (MPU)

adiasinal plant, autoating the important techniques used for the autopose

Time: 3 Hours Max. Marks: 100

Instructions: 1) Answer all questions in Part A.

- 2) Each question in Part A carries 4 marks.
- 3) Answer any one full question from each Module in Part B.
- 4) Each question in Part B carries 20 marks.

## PART-A

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- 1. Explain various terms associated with line balancing.
- 2. What is CORELAP? Explain.
- 3. Discuss the importance of proper lighting.
- 4. What is the need of safety training in industries ?
- 5. How the plant layouts are related to type of production?
- 6. How do you ensure cost effective material handling in industries?
- ganatestensm ni posu kinontneg zkolvebig kionah kinatamulue s z z z z d z z 7. Write notes on bucket elevators.
- 8. What is Group Technology Layout? Explain.

  amount of the production of the produc
- 9. Explain present worth method in replacement studies.
- 10. Explain any two fire fighting equipments: Quite a builtism audition and thought a builtism and the control of the control



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## PART-B

## Module - I

11.	a)		iples involved in preparing the layout of an important techniques used for the purpose.
	b)	INCIDENTIFICAÇÃO DE CARROL DE TOTAL POR COMO	of computer packages available for plant layout
	/		8 (2008 Schame
12.	a)	What are the different types o disadvantages.	f layouts used? Compare its advantages and
gÜ	b)		level of interaction among different sections in ifferent layouts and evaluate them quantitatively.
1		Section $\rightarrow$ 1 2	3 4 5 Constant and prose
		en ines ench Moores i ∳an e	Carry hul one parter on a
		1 X <sub>sm 4</sub> 8 m1	5 3 25 1 1 4 3 up 10 5 1 1
		2 X 1	2 2 16
		3	X 15 40
		4	X 20
		5	12
			Madula II
		The Property	Module - II Insign of And Adams of Sanda
13.	a)	Explain environmental factors	THOUSE I WAS TO SEE THE SECOND
13.	1.5		s at work place. 8 of estimating capacity of plant services like
ia i	b)	Explain the different methods steam and compressed air.	s at work place.  s of estimating capacity of plant services like  12
ia i	b) a)	Explain the different methods steam and compressed air.  Explain how good ventilation	s at work place.  s of estimating capacity of plant services like  12  system can be provided in a plant.
ia i	b) a)	Explain the different methods steam and compressed air.  Explain how good ventilation	s at work place. s of estimating capacity of plant services like 12 system can be provided in a plant. s various sources of air pollution. 12
ia i	b) a)	Explain the different methods steam and compressed air.  Explain how good ventilation  What is air pollution? Discus	s at work place.  s of estimating capacity of plant services like  12  system can be provided in a plant.
14.	<ul><li>b)</li><li>a)</li><li>b)</li></ul>	Explain the different methods steam and compressed air.  Explain how good ventilation  What is air pollution? Discus	s at work place.  s of estimating capacity of plant services like  12  system can be provided in a plant.  8 various sources of air pollution.  12
14.	<ul><li>b)</li><li>a)</li><li>b)</li></ul>	Explain the different methods steam and compressed air.  Explain how good ventilation  What is air pollution? Discus  Discuss about material handlindustries.	s at work place.  s of estimating capacity of plant services like  12  system can be provided in a plant.  s various sources of air pollution.  12  Module – III  ing devices commonly used in manufacturing  ten plant layout and material handling.  8
14. 15.	<ul><li>a)</li><li>b)</li><li>a)</li><li>b)</li></ul>	Explain the different methods steam and compressed air.  Explain how good ventilation  What is air pollution? Discus  Discuss about material handle industries.  Explain the relationship between the policy is to be	s at work place.  s of estimating capacity of plant services like  12  system can be provided in a plant.  s various sources of air pollution.  12  Module – III  ing devices commonly used in manufacturing