Roll No. Total Pages : 02

BT-7/M-20

37201

ELECTRICAL ESTIMATION AND COSTING-II EE-411N

Time: Three Hours] [Maximum Marks: 75

Note AttemptFive questions in all, selecting atneeast question from each Unit. All questions carry equal marks.

Unit l

- 1. (a) Write a short note on Indian electricits rule.
 - (b) List the general requirements of electrical installations and their function in domestic wiring.

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- Describe the purpose of testing of installation. Write the name of testing equipments and their applications for testing of LT line.
 - (b) Write short note on load assessment. 6

Unit II

3. (a) What are the aspects of neutral and **a**arth wire ?

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i	industry. Estim	nate the co	st of major	components.
	U	nit III		
trans gene	mission line o rating station	f 132 kV; to domesti	discuss all o	components from nd which types
ا (b) (underground c With brief disc underground c	ables. cussionof c able circuit	omponentsm	7 nake
Shoto	chand designs	outdoorube	tation makaner	rating
statio	on Describ e the a	ctivitie s nvol		
(a) I	Pole mounted	substation	wing :	8 7
-3720)1	2		_
	Designation (a) (b) (c) (d) (d) (e) (e) (f) (f)	multistor building and give their and give their (a) Describe Jayout industry. Estimate (b) Brief layout circular serion of problems generating station of problems generating of problems generating the underground of the underground counter of the analysis of the underground counter of the underground count	multistorybuilding Jist the nate and give their brief discussion Describe Jayout circuit diagraments industry. Estimate the construction of problems generally occurs (a) Describe the construction underground cables. (b) With brief discussion of cunderground cable circuit underground cable circuit underground cable circuit underground cable circuit underground cable circuit with the construction underground cable circuit undergroun	Unit III Designand sketchayout of long distance of transmission line of 132 kV; discuss all of generating station to domestic building a possible of problems generally occurs at time of (a) Describe the constructional procedure underground cables. (b) With brief discussion of components munderground cable circuit line diagral underground cable circuit line diagral underground design outdoos ubstation generation. Unit IV Sketchand design outdoos ubstation generation distribution system. Write short notes on the following: (a) Pole mounted substation (b) Indoor substation.