trical Engineering TH- 4 75 5P/W	80	Life seriester examination:	100	Maxillium Marks.
(Elective- A) lectrical Engineering Name of the Faculty: Er. Sitanjali / TH- 4 Semester: Examination: SP/W Class Test:	8	End Compate F.		Mayimum Ma
(Elective- A) lectrical Engineering Name of the Faculty: Er. Sitanjali / TH- 4 Semester: T5 Examination:	20	Class Test:		Theory Perio
ectrical Engineering	Summer 2022 ₅ 22	Examination:	s: 75	Total Period
(Elec	4th	Semester:		Course Code
(Elective- A)	Mardi	Name of the Faculty: Er. Sitanjali	lectrical Engineering	Discipline: E
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Week	NO OF	Class Day	Theory Topics to be covered
	AVAILABLE		Shadan
		16.1.24(2 CLASSES)	INTRODUCTION/BRIEFING, Chapter-1:Installation, Commissioning and Testing of Machine 1.1 Inspection of arrival of machine
1st	Cs	171.24	Chapter-1:Installation, Commissioning and Testing of Machine 1.1 Inspection of arrival of machine 1.1 inspection procedure before its singuistic.
		19.1.24	ire o I sw
	t v	22.1.24	1.4General requirement for Electric Installation according to Indian Electricity rules
2nd	S	29.1.24	.5 Necessity of starters and relays for both DC and AC machines
		301.24(2 class)	1.5 Necessity of starters and relays for both DC and AC machines 1

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		5				S			· ·	ስ			
1.6 Testing before giving supply and testing report 1.6 Testing before giving supply and testing report 1.6 Testing before giving supply and testing report Revision class Chapter 2-Installation, Commissioning and Testing of Transform 2. 1 Basic idea on dispatch, inspection, storage and handling of transformer 2. 1 Basic idea on dispatch, inspection, storage and handling of transformer 2. 2 Civil construction feature regarding connection like ventilation, noise le 2. 3 Foundation and drainage of oil. 2. 4 Cabling and cable box for transformer 2. 5 Provision for fire protection. 2. 6 Provision for fire protection 2. 7 Steps for commissioning fitting of all accessories 2. 8 Filling of oil, drying out 2. 10 Cleaning of bushing, fixing of conductor & cables, earthing of tank and neutral earthing.	23.02.24	21.02.24	20.02.24(2 classes)	19.2.24	16.2.24	13.02.24(2 classes)	12.2.24	9.2.24	7.2.24	6.2.24(2 classes)	5.2.24	2.2.24	31.1.24
er: er: cover,	2. 10 Cleaning of bushing, fixing of conductor & cables, earthing of tank and cover, neutral earthing.		2. 7 Steps for commissioning fitting of all accessories2. 8 Filling of oil, drying out	2. 6 Provision for bushing support location of switch gear	2. 5 Provision for fire protection	2.4 Cabling and cable box for transformer2. 5 Provision for fire protection.	2. 3 Foundation and drainage of oil.	2. 2 Civil construction feature regarding connection like ventilation, noise level,	Chapter 2-Installation, Commissioning and Testing of Transformer: 2. 1 Basic idea on dispatch, inspection, storage and handling of transformer.	Revision class Chapter 2-Installation, Commissioning and Testing of Transformer: 2. 1 Basic idea on dispatch, inspection, storage and handling of transformer	1.6 Testing before giving supply and testing report	1.6 Testing before giving supply and testing report	1.6 Testing before giving supply and testing report

26.02.24 27.02.24(2 CLASS) 4 28.02.24 1.03.24 1.03.24 7th 11.03.24 5 12.03.24(2 classes) 13.3.24		15.3.24	U	
26.02.24 27.02.24(2 CLASS) 27.02.24(2 CLASS) 2. 10 Cleaning of but conductor & cables, examing of protested 2. 11 Fixing of protested 3. 1 Design and planning 1.03.24 4.03.24 3. 1 Design and planning 3. 4 Installation of site, resistance of the winding, of mounting, earthing array of mounting, earthing array of the winding, of mounting, earthing array of the winding	3.5.2 Preliminary preparation.		'n	otti
26.02.24 2.10 Cleaning of be 27.02.24(2 CLASS) conductor & cables, erecover, neutral 2.11 Fixing of protes setting of 2.10 September 3:Install 1.03.24 4 28.02.24 Chapter-3:Install 1.03.24 3.1 Design and planning 3:06.03.24 3.41 Selection of site, resistance of the winding, earthing array of mounting, earthing array of mounting array of mounti	3.5.1 Installation of control and relay patiers	13.3.24		4+8
26.02.24 26.02.24 27.02.24(2 CLASS) 27.02.24(2 CLASS) 20.11 Fixing of protes setting of the vector and planning of the vector and planting of the vector of th	3.4.1 Selection of site, transport & receipt of transformer, checking of insulation resistance of the winding, testing of transformer oil, protection fittings, construction of mounting, earthing arrangement and final commissioning.			
26.02.24 27.02.24(2 CLASS) 27.02.24(2 CLASS) 28.02.24 28.02.24 Chapter-3:Instal 1.03.24 3.1 Design and plannin 4.03.24 3.2 General requirement 3.3		11.03.24	S i	7th
26.02.24 CLASS TEST 1 2. 10 Cleaning of by conductor & cables, erecover, neutral 2. 11 Fixing of protes setting of protes setting of Inc. 28.02.24 Chapter-3:Instal 1.03.24 4.03.24 Chapter-3:Instal 3. 1 Design and plannin	3.3 Consideration of safe operation of substation	06.03.24		
26.02.24 27.02.24(2 CLASS) 27.02.24(2 CLASS) 27.02.24 28.02.24 28.02.24 Chapter-3:Instal	3.2 General requirement of layout of indoor substation with key diagram	4.03.24		
26.02.24 26.02.24 27.02.24(2 CLASS) 27.02.24(2 CLASS) 20.10 Cleaning of be conductor & cables, erecover, neutral cover, neutral 2. 11 Fixing of protesting of protesting of protesting of the cover, neutral 2. 11 Fixing of protesting of a chapter-3:Instal 1.03.24 28.02.24 Chapter-3:Instal 3.1 Design and plannin				
26.02.24 26.02.24 2. 10 Cleaning of by conductor & cables, except, neutral 2. 11 Fixing of protes setting of 2. 28.02.24	Chapter-3:Instal 1 Design and plannin	1.03.24		
	REVISION	28.02.24	4	th
	 2. 10 Cleaning of bushing, fixing of conductor & cables, earthing of tank and cover, neutral earthing. 2. 11 Fixing of protection circuits and setting of relays 	27.02.24(2 CLASS)		
	CLASS TEST 1	26.02.24		

CLASSES 3 Advantages of Preventive maintenance	15.4.24(2 CLASSES	
4.3 Preventive maintenance and planning. [Daily, Weekly, Monthly, Half-yearly and Yearly maintenance.]	5	11th
4.2 Preventive maintenance and planning. [Daily, Weekly, Monthly, Half-yearly and Yearly maintenance.]	10.4.24	
Ch 4.1	9.4.24	
LASSES) REVISION	8.4.24(2 CLASSES)	
INTERNAL ASSESMENT .24	5 5.4.24	10th
3.7.2 Civil works. 3.7.3 Various steps for install 3.8 Pre-commissioning tests lation	03.4.24	
3.7 Installation of outdoor circuit breaker: 4.24 3.7.1.Receipt and storage.	02.04.24	E .
3.6.2 Safety precaution 3.24	4 27.03.24	9th
ω ω	22.3.24	
3.5.6 Foundation 3.5.7 Erection 3.5.8 Relays	20.3.24	
3.5.4 Location of place classes) 3.5.5 Unpacking	19.3.24(2 classes)	
3.5.3 Sequence card for erection of switch gear equipments	18.3.24	

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PRINCIPAL 24	g Engg.	Total class 59/75	Total	
	VST	, 26.4.24		13ф
	REVISION/ PYQS Discussion	24.4.24		
		5 23.4.24		12th
	4.5 Indu line gea: Bat	22.4.24(2 CLASSES		
	4.4Breakdown maintenance: List of tools / instruments and materials used for maintenance.	19.4.24		
	CLASS TEST-2	16.4.24		/