

Domain	Sl. No.	Topics
Aptitude Section I		General Studies
	1	Current events/Scientific development
	2	Current events/Sports/Sport persons
	3	Current events/Capital and Currency
	4	Jharkhand History & Culture
	5	Jharkhand Industries
	6	Indian Geography and Environment
		Logical Reasoning
	1	Place Imagination
	2	Relationship assumption
	3	Arithmetical Logic
	4	Secret writing and secret explanation
	5	Problem solving
		General English
	1	Reading Comprehension
	2	Grammar/Sentence completion (Verbs)
	3	Grammar/Sentence completion (Prepositions)
	4	Synonyms and Antonyms
	5	Grammar/Sentence completion(Articles)
		Basic Knowledge of Computers
	1	Input and Output devices
	2	Keyboard Shortcuts
	3	MS-Office
	4	E- Mail and Internet
	5	Latest trend in IT
		General Hindi
	1	व्याकरण/सन्धि
	2	व्याकरण/समास
	3	व्याकरण/मुहावरे
	4	पर्यायवाची शब्द
5	विलोम शब्द	
6	व्याकरण/वचन	
7	व्याकरण/लिंग	
Domain	Sl. No.	Topics
ITI Electrician	1	Three phase Induction motor
	2	Single phase induction motor
	3	Universal motor
	4	Alternator
	5	SYNCHRONOUS MOTOR
	6	TRANSFORMER Winding
	7	DC machine Winding
	8	AC machine Winding
	9	Illumination
	10	Industrial wiring
	11	House-wiring

Section II	12	Machine control cabinet/Control Panel Layout,Assembly & Wiring:
	13	Control Elements
	14	Domestic Appliances
	15	POWER GENERATION
	16	Thermal • Hydro electric • Nuclear • NonConventional
	17	TRANSMISSION OF ELECTRICAL POWER
	18	DISTRIBUTION OF POWER
	19	Circuit breakers
	20	DC drive
	21	VVVF/AC Drive
	22	Schedule of electrical preventive maintenance
Total		