

SOUTH EASTERN COALFIELDS LIMITED

TOTAL MARKS: 100


NUMBER OF QUESTIONS :100

EVERY QUESTION HAS 01 MARK.

TIME DURATION - 02 Hrs (120 Minutes)


SYLLABUS OF EP ELECTRICIAN

Type of Examination	Name of Subject	SN	Topics	Marks distribution
Multiple Choice Questions (MCQ) pattern containing 100 questions. Each question will carry 01 mark. Written test will be conducted on OMR sheet.	Subject Knowledge	A.2	Occupational Safety & Health Soft Skills Electricity Resistors, Solders, Flux Conductors, Insulators and Semi-Conductors Ohm's Law Kirchoff's Law Electrolysis Cells Magnetism Alternating Current (AC) Earthing Basic Electronics Transistor Amplifiers Multivibrator Digital Electronics Electric Wirings Wiring System DC Machines, Principle of DC Generator, E.M.F DC Motors Transformer Electrical Measuring Instruments Three Phase Induction Motor Single Phase Induction Motor Universal Motor Alternator Synchronous Motor Transformer Winding	70


महाप्रबंधक (उत्खनन)/विभागाध्यक्ष
एस.ई.सी.एल., बिलासपुर (छ.ग.)
General Manager (Excv.)/HOD
S.E.C.L., Bilaspur (C.G.)



		DC Machine Winding AC Machine Winding Illumination Industrial Wiring Machine Control Cabinet Control Elements Domestic Appliances Power Generation Hydro Electric Nuclear Transmission of Electrical Power Under Ground Cable Distribution of Power	
	A.2	Mental Ability	
	A.3	Quantitative ability , Logical & Reasoning Skill	
	B	Knowledge regarding CIL/SECL/States	20
	C	General Awareness	10


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