


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 MACHINIST				
Type of Examination	Name of Subject	SN	Topics	Marks distribution
<p>Multiple Choice Questions (MCQ) pattern containing 100 questions. Each question will carry 01 mark. Written test will be conducted on OMR sheet.</p>	Subject Knowledge	A.2	Importance of Safety and Precautions Types of Chisels, Files & Uses Hand Tools and Its Importance Hacksaw Blade, Drill Bits Forging Tools Heat Treatment Process Hardening Introduction of Shaper Heat Treatment Process Introduction to Coolant & Lubricant Cutting Tools for Planer Their Material Introduction to Lathe Introduction of Taper Milling Machine Importance Indexing Introduction & Types Gear Introduction Grinding Machine Advantage and Disadvantage of Taper Calculations Screw Cutting on a Lathe Diffrence B/w Single and Multi Start Threads Pillar Drill Machine Various Material for Ingle Point Cutting Tools Vernier Caliper and Roller Properties of Metals Hydraulic Transmission Elements of Milling Cutter Form Tool for Slotting Machine	70
		A.2	Mental Ability	
		A.3	Quantitative ability , Logical & Reasoning Skill	
		B	Knowledge regarding CIL/SECL/States	20
		C	General Awareness	10


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

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