

SCHEME & SYLLABUS OF EXAMINATION OF PART-I FOR POST NO. 1

DEPUTY MANAGER (INDUSTRIAL DEVELOPMENT/TECHNICAL)

Part	Section	Subject/Syllabus	No. of questions	Maximum Marks	Qualifying Marks
			60	180	72
Part-I	Section 'A'	Reasoning/Quantitative Aptitude	20	60	
	Section 'B'	<ul style="list-style-type: none">• General Knowledge & General Knowledge of Rajasthan:<ol style="list-style-type: none">1. Events of State, National and International importance2. Geography and Natural Resources of India and Rajasthan3. Agricultural, Social and economic development of India Rajasthan4. Indian Medieval History, Indian struggle for Independence,, and History of Rajasthan5. Culture and heritage of India and Rajasthan • General Science:<ol style="list-style-type: none">1. Elements, Mixtures and Compounds2. Physical and Chemical Changes; Oxidation and Reduction: Catalysis3. Metals and Non Metals4. Acids, bases and Salts5. Reflection of light and its laws, lenses, human eye, defects of vision and its correction	30	90	

		<p>6. Electric current, Electric potential, Ohms law , electric cell and Electric motor</p> <p>7. Human Brain, hormones, human diseases and cure</p> <p>8. Economic importance of animals and plants</p> <p>9. Biomass, sources of energy, ecosystem, Mendel's Law of inheritance, chromosomes</p> <p>10. Human blood groups, blood transfusion, Deficiency diseases and cure</p> <p>• Basic Computer Skills:</p> <ol style="list-style-type: none"> 1. Introduction to Computers 2. Computer Systems 3. Uses of Computers 4. Introduction to the Internet & Search Engines, Internet Applications 5. Operating system, 6. MS Word Advance 7. Database Management System 8. MS Excel Advance 9. MS Power Point Basics 10. Microsoft Outlook-Basics 			
	Section 'C'	<p>Language Comprehension</p> <p>• Hindi</p> <ol style="list-style-type: none"> 1. शब्द रचना: संधि एवं संधि विच्छेद, समास, उपसर्ग, प्रत्यय 2. शब्द प्रकार: तत्सम, तद्भव, अर्धतत्सम, देशज, विदेशी, संज्ञा, सर्वनाम, विशेषण, क्रिया, अव्यय 3. शब्द ज्ञान: पर्यायवाची, विलोम, शब्द युग्मों का अर्थभेद, 	10	30	

		<p>वाक्यांश के लिए सार्थक शब्द, संश्रुततभिन्नार्थक शब्द, समानार्थी शब्द, उपयुक्त शब्द चयन, संबंधवाची शब्दावली</p> <ol style="list-style-type: none"> 4. शब्द शुद्धि 5. व्याकरणिक कोटियाँ: परसर्ग, लिंग, वचन, पुरुष, काल, वृत्ति, पक्ष, वाच्य 6. वाक्य रचना 7. वाक्य शुद्धि 8. विराम चिन्हों का प्रयोग 9. मुहावरे/ लोककितिया 10. पारिभाषिक शब्दावली: प्रशासनिक/ विविध <ul style="list-style-type: none"> • English <ol style="list-style-type: none"> 1. Use of articles and determiners 2. Tenses/ sequence of tenses 3. Active and passive voice 4. Direct and Indirect Narration 5. Use of Prepositions 6. Synonyms and antonyms 7. Comprehension of passage 8. Idioms and Phrases 9. Letter writing: Official, Demi-official. Circulars and Notices 			
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POST NO. 1. DEPUTY MANAGER (INDUSTRIAL DEVELOPMENT & TECHNICAL)

SCHEME AND SYLLABUS OF EXAMINATION OF PART-II

Part	Section	Subject/Syllabus	No. of questions		Maximum Marks	
Part-II	Section 'A'	<ul style="list-style-type: none">• Engineering Drawing including Autocad Techniques• IT Skills - Basic Programming, App Designing, Big Data Analysis, Artificial Intelligence Tools• Basic Knowledge of all branches of Engineering upto the level of first year of B.Tech/B.E.• Statistical and Operations Research Techniques• Basic Industrial Engineering- Plant Layout, Plant Location• Quality Control & Inventory Control	90	40	270	120
	Section 'B'	<ul style="list-style-type: none">• Principals of Management• Decision Making Techniques• Business Environment• Managerial Economics• Financial Management- Including Working Capital Management, Project Appraisal, Financial Ratios and other Evaluation Parameters• Business Communication• Marketing Management including Strategic Marketing• New Enterprise & Innovation Management• Business policy and Strategy Management• Project Management• Business Law• Management of Financial Services, Portfolio Management and Security Analysis		50		150