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NATIONAL CERTIFICATE

ELECTROTECHNICS N5

(8080085)-

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This ignestion paper consists of 5 pages and a 2-page formula sheet.

DEPARTMENT OF EDUCATION REPUBLIC OF SOUTH AFRICA

NATIONAL CERTIFICATE ELECTROTECHNICS NS TIME: 3 HOURS

MAFRCS: 100

INSTRUCTIONS AND INFORMATION

T. Account to 1 the business	and the same
T. Prometer PLL The Supple	-

- Read ALL the questions carefully
- Number the answers correctly according to the numbering system used in this question paper.
- 4. Write nearly and leightly

CONTRACTOR OF

r	Explain how you would change the direction of notation of a DC machine.	- 6
1	Where are compressing windings sharted and how are they connected?	9
	A ARREST COMMENT A SIGN COMMENT OF THE COMMENT OF T	

8.3 A 550 V, 44 kgr, 1 500 amon OC shart motor has a full-load afficiently of 85%. The amounts circuit has a resistance of 6.32 ofm and a total voltage 310 of 3.5 V acros bouches. The fant current is 1,8 A.

Calculate the following:

13.1	The full-load line current
1.3.2	The full load shaft torque in N.m.
135	The total resistance or motor starter to limit the annualine starting
	ourset to 1.75 times the full load current

Electrotechnics N5 Question Papers And Answers

R Barnett

Electrotechnics N5 Question Papers And Answers:

This book delves into Electrotechnics N5 Question Papers And Answers. Electrotechnics N5 Question Papers And Answers is a crucial topic that must be grasped by everyone, ranging from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into Electrotechnics N5 Question Papers And Answers, encompassing both the fundamentals and more intricate discussions.

- 1. This book is structured into several chapters, namely:
 - Chapter 1: Introduction to Electrotechnics N5 Question Papers And Answers
 - Chapter 2: Essential Elements of Electrotechnics N5 Question Papers And Answers
 - o Chapter 3: Electrotechnics N5 Question Papers And Answers in Everyday Life
 - Chapter 4: Electrotechnics N5 Question Papers And Answers in Specific Contexts
 - ∘ Chapter 5: Conclusion
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 - The book is crafted in an easy-to-understand language and is complemented by engaging illustrations. It is highly recommended for anyone seeking to gain a comprehensive understanding of Electrotechnics N5 Question Papers And Answers.

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