

MEMORANDUM

PROGRAMME	NATIONAL N DIPLOMA IN MECHANICAL ENGINEERING
SUBJECT NAME	MECHANICAL DRAUGHTING N4
SUBJECT CODE	8090204
ASSESSMENT	DEFERRED NATIONAL TEST
TRIMESTER	2ND TRIMESTER
FT/PT	FULL TIME AND PART TIME
DATE WRITTEN	11 JUNE 2021
SESSION	13H00 – 15H00

NUMBER OF PAGES	4
TOTAL MARKS	50
DURATION	2 HOURS
PASS MARK	40%
WEIGHTING	30% TOWARDS TERM MARK

REQUIREMENTS:

Addendum:

Learner Requirements: Stationery and Answer Book

Equipment Requirements: None

This paper consists of:

1.	QUESTION 1	15 MARKS	25 Minutes
2.	QUESTION 2	15 MARKS	25 Minutes
3.	QUESTION 3	20 MARKS	70 Minutes

Please answer **ALL** questions.

INSTRUCTIONS AND INFORMATION TO CANDIDATES:

1. Read all questions carefully before answering.
2. Number the answers according to the numbering system used in this question paper.
3. Answer questions in full sentences where required to do so.
4. **Calculations:** Show **ALL** steps when answering.
5. Rule off after each question.
6. Write neatly and legibly.

PLEASE READ THE ASSESSMENT RULES AND REGULATIONS THAT FOLLOW

Learners are warned that contravening any of the assessment rules or disobeying the instructions of an invigilator could result in the assessment being declared invalid. Disciplinary measures will be taken which may result in the learners' expulsion from Damelin, Management and Leadership Academy or Central Technical College.

Mechanical Draughting Npast Exam Papers

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Mechanical Draughting Npast Exam Papers:

The book delves into Mechanical Draughting Npast Exam Papers. Mechanical Draughting Npast Exam Papers is a crucial topic that needs to be grasped by everyone, from students and scholars to the general public. The book will furnish comprehensive and in-depth insights into Mechanical Draughting Npast Exam Papers, encompassing both the fundamentals and more intricate discussions.

1. This book is structured into several chapters, namely:
 - Chapter 1: Introduction to Mechanical Draughting Npast Exam Papers
 - Chapter 2: Essential Elements of Mechanical Draughting Npast Exam Papers
 - Chapter 3: Mechanical Draughting Npast Exam Papers in Everyday Life
 - Chapter 4: Mechanical Draughting Npast Exam Papers in Specific Contexts
 - Chapter 5: Conclusion
 2. In chapter 1, the author will provide an overview of Mechanical Draughting Npast Exam Papers. This chapter will explore what Mechanical Draughting Npast Exam Papers is, why Mechanical Draughting Npast Exam Papers is vital, and how to effectively learn about Mechanical Draughting Npast Exam Papers.
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 5. In chapter 4, this book will scrutinize the relevance of Mechanical Draughting Npast Exam Papers in specific contexts. The fourth chapter will explore how Mechanical Draughting Npast Exam Papers is applied in specialized fields, such as education, business, and technology.
 6. In chapter 5, the author will draw a conclusion about Mechanical Draughting Npast Exam Papers. The final chapter will summarize the key points that have been discussed throughout the book.
- This book is crafted in an easy-to-understand language and is complemented by engaging illustrations. This book is highly recommended for anyone seeking to gain a comprehensive understanding of Mechanical Draughting Npast Exam Papers.

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web the control circuit is based on a cmos inverter ic1 type 40106 the motor is switched by a darlington with discrete components t1 t2 ic1a inverter operates as an oscillator whose duty cycle the t2 leads so the motor receives energy is determined by r2 c2 d3 gave the inactive signal oscillator when t2 is blocked is determined by r3 p1

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web three phase brushless dc 3 motor 2 brush dc motor 4 bipolar stepper motor basic principle an electric motor is a device converting electrical energy into mechanical energy generally a torque this conversion is usually obtained through the generation of a magnetic field by means of a current flowing into one or more coils electrical energy

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web the diagram below has two components the normally open temperature switch and the magnetic contactor the three

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