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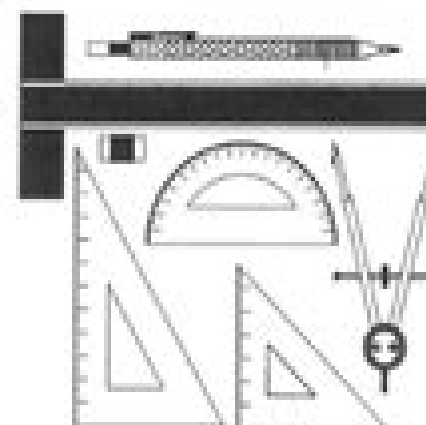
NATIONAL SENIOR CERTIFICATE EXAMINATION

2019

ENGINEERING GRAPHICS AND DESIGN

PAPER 1

MARKS: 200
TIME: 3 HOURS



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QUESTION	SECTION	MARKS	MODERATED	MAXIMUM	CODE
1	CIVIL ANALYTICAL			20	
2	ORTHOGONAL PROJECTION & DEVELOPMENT			40	
3	TWO POINT PERSPECTIVE			40	
4	CIVIL DRAWING			100	
	TOTAL			200	

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PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY.

1. This question paper consists of 8 pages including the cover page and 4 questions.
2. All questions must be answered.
3. Unless specified otherwise, all questions are in First-angle Orthographic Projection.
4. Unless specified otherwise, all questions are to be completed to a scale of 1:1.
5. All answer sheets must be reshipped in numerical order, even questions that have not been answered.
6. All construction work must be shown.
7. Print your examination number neatly on each page.
8. Use only the answer sheets provided.
9. Your drawings should reflect neatness and accuracy.
10. All dimensions or detail not given may be assumed in good proportion.
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Engineering Graphics And Design Examination Guidelines Grade

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Table of Contents Engineering Graphics And Design Examination Guidelines Grade

1. Understanding the eBook Engineering Graphics And Design Examination Guidelines Grade
 - The Rise of Digital Reading Engineering Graphics And Design Examination Guidelines Grade
 - Advantages of eBooks Over Traditional Books
2. Identifying Engineering Graphics And Design Examination Guidelines Grade
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Engineering Graphics And Design Examination Guidelines Grade

- User-Friendly Interface
- 4. Exploring eBook Recommendations from Engineering Graphics And Design Examination Guidelines Grade
 - Personalized Recommendations
 - Engineering Graphics And Design Examination Guidelines Grade User Reviews and Ratings
 - Engineering Graphics And Design Examination Guidelines Grade and Bestseller Lists
- 5. Accessing Engineering Graphics And Design Examination Guidelines Grade Free and Paid eBooks
 - Engineering Graphics And Design Examination Guidelines Grade Public Domain eBooks
 - Engineering Graphics And Design Examination Guidelines Grade eBook Subscription Services
 - Engineering Graphics And Design Examination Guidelines Grade Budget-Friendly Options
- 6. Navigating Engineering Graphics And Design Examination Guidelines Grade eBook Formats
 - ePub, PDF, MOBI, and More
 - Engineering Graphics And Design Examination Guidelines Grade Compatibility with Devices
 - Engineering Graphics And Design Examination Guidelines Grade Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Engineering Graphics And Design Examination Guidelines Grade
 - Highlighting and Note-Taking Engineering Graphics And Design Examination Guidelines Grade
 - Interactive Elements Engineering Graphics And Design Examination Guidelines Grade
- 8. Staying Engaged with Engineering Graphics And Design Examination Guidelines Grade
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Engineering Graphics And Design Examination Guidelines Grade
- 9. Balancing eBooks and Physical Books Engineering Graphics And Design Examination Guidelines Grade
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Engineering Graphics And Design Examination Guidelines Grade
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Engineering Graphics And Design Examination Guidelines Grade
 - Setting Reading Goals Engineering Graphics And Design Examination Guidelines Grade

- Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Engineering Graphics And Design Examination Guidelines Grade
 - Fact-Checking eBook Content of Engineering Graphics And Design Examination Guidelines Grade
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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