Sample Papers

FINAL TERM EXAMINATION
SPRING 2006
CS302 - DIGITAL LOGIC DESIGN (Session - 1)

Marks: 100
Time: 120min

StudentID/LoginID: _____
Student Name: _____
Center Name/Code: _____
Exam Date: Saturday, August 19, 2006

Please read the following instructions carefully before attempting any of the question:

1. Attempt all questions.
2. Calculators are NOT allowed.
3. Do not ask any questions about the contents of this examination from anyone.
   a. If you think that there is something wrong with any of the questions, attempt it to the best of your understanding.
   b. If you believe that some essential piece of information is missing, make an appropriate assumption and use it to solve the problem.
4. Circuit Diagrams, Equations and Truth Tables should be clear. Write down all the steps in Subjective Questions. Marks will be deducted for missing steps.

www.virtualduniya.com

WARNING: Please note that Virtual University takes serious note of unfair means. Anyone found involved in cheating will get an "F" grade in this course.

For Teacher's use only

Question No.	1	2	3	4	5	6	7	8	9	10	Total
Marks											
Question Marks	11	12									

Question No: 1 (Marks: 2) - Please choose one

What is the decimal value of the terminal count of a 4-bit binary counter?

- 10
- 12
- 15
- 16

Question No: 2 (Marks: 2) - Please choose one

The 1's complement of 10110111 is _____.

- 10110111
- 01001011
- 01101011
- 01001000

Question No: 3 (Marks: 2) - Please choose one

To serially shift a byte of data into a shift register, there must be?

- One clock pulse
- One load pulse.
- Eight clock pulses.
- One clock pulse for each 1 in the data.

Question No: 4 (Marks: 2) - Please choose one

What is the difference between a D latch and a D flip-flop?

- The D latch has a clock input.
- The D flip-flop has an enable input.
- The D latch is used for faster operation.
- The D flip-flop has a clock input.

Question No: 5 (Marks: 2) - Please choose one

For a positive edge-triggered J-K flip-flop with both J and K HIGH, the outputs will _____ if the clock goes HIGH.

- toggle
- set
- reset
- not change

Question No: 6 (Marks: 12)

Draw the circuit diagram and truth table of the following equation.

$$F(x, y, z) = \sum (0, 2, 3, 5, 7)$$

Question No: 7 (Marks: 10)

Draw the truth table of a Half-Adder. Draw the logical circuit diagram of a half-adder. Write Boolean expressions for all the output signals of half adder circuit.

Question No: 8 (Marks: 20)

Design a counter to produce the following sequence using J-K Flip-Flops.
1,4,3,5,7,6,2,1

Question No: 9 (Marks: 12)

Draw the circuit diagram of the 2-input 4-bit Multiplexer. Also write down its function table?

Question No: 10 (Marks: 14)

a) For a gated D latch, determine the Q and $\overline{Q}$ outputs for the inputs in figure. Show them in proper relation to the enable input. Assume Q starts LOW.

b) What is the difference between Flip-flop and latches?

www.vumidunya.com

Question No: 11 (Marks: 12)

a) What is the difference between SRAM and DRAM?
b) What is FIFO?
c) What is LIFO?

Question No: 12 (Marks: 10)

a) What does sampling mean?
b) Name any four performance characteristics of Digital-to-Analog Converters.
c) Write name of Analog-to-Digital conversion methods

F321 Past Papers 2006

F Rizvi

F321 Past Papers 2006:

Unveiling the Energy of Verbal Art: An Mental Sojourn through **F321 Past Papers 2006**

In a world inundated with displays and the cacophony of quick communication, the profound power and psychological resonance of verbal beauty frequently disappear in to obscurity, eclipsed by the constant barrage of noise and distractions. However, nestled within the musical pages of **F321 Past Papers 2006**, a fascinating work of literary brilliance that pulses with organic emotions, lies an remarkable journey waiting to be embarked upon. Composed with a virtuoso wordsmith, that interesting opus books visitors on a mental odyssey, lightly revealing the latent potential and profound influence embedded within the delicate internet of language. Within the heart-wrenching expanse of the evocative evaluation, we can embark upon an introspective exploration of the book is key themes, dissect its captivating writing design, and immerse ourselves in the indelible effect it leaves upon the depths of readers souls.

https://staging.conocer.cide.edu/files/publication/Documents/Envelpk_100_Love_Offering_No3sz.pdf

Table of Contents F321 Past Papers 2006

1. Understanding the eBook F321 Past Papers 2006
    - The Rise of Digital Reading F321 Past Papers 2006
    - Advantages of eBooks Over Traditional Books
2. Identifying F321 Past Papers 2006
    - 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 F321 Past Papers 2006
    - User-Friendly Interface
4. Exploring eBook Recommendations from F321 Past Papers 2006
    - Personalized Recommendations

- F321 Past Papers 2006 User Reviews and Ratings
- F321 Past Papers 2006 and Bestseller Lists

5. Accessing F321 Past Papers 2006 Free and Paid eBooks
   - F321 Past Papers 2006 Public Domain eBooks
   - F321 Past Papers 2006 eBook Subscription Services
   - F321 Past Papers 2006 Budget-Friendly Options
6. Navigating F321 Past Papers 2006 eBook Formats
   - ePub, PDF, MOBI, and More
   - F321 Past Papers 2006 Compatibility with Devices
   - F321 Past Papers 2006 Enhanced eBook Features
7. Enhancing Your Reading Experience
   - Adjustable Fonts and Text Sizes of F321 Past Papers 2006
   - Highlighting and Note-Taking F321 Past Papers 2006
   - Interactive Elements F321 Past Papers 2006
8. Staying Engaged with F321 Past Papers 2006
   - Joining Online Reading Communities
   - Participating in Virtual Book Clubs
   - Following Authors and Publishers F321 Past Papers 2006
9. Balancing eBooks and Physical Books F321 Past Papers 2006
   - Benefits of a Digital Library
   - Creating a Diverse Reading Collection F321 Past Papers 2006
10. Overcoming Reading Challenges
    - Dealing with Digital Eye Strain
    - Minimizing Distractions
    - Managing Screen Time
11. Cultivating a Reading Routine F321 Past Papers 2006
    - Setting Reading Goals F321 Past Papers 2006
    - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of F321 Past Papers 2006
    - Fact-Checking eBook Content of F321 Past Papers 2006

- 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

F321 Past Papers 2006 Introduction

In the digital age, access to information has become easier than ever before. The ability to download F321 Past Papers 2006 has revolutionized the way we consume written content. Whether you are a student looking for course material, an avid reader searching for your next favorite book, or a professional seeking research papers, the option to download F321 Past Papers 2006 has opened up a world of possibilities. Downloading F321 Past Papers 2006 provides numerous advantages over physical copies of books and documents. Firstly, it is incredibly convenient. Gone are the days of carrying around heavy textbooks or bulky folders filled with papers. With the click of a button, you can gain immediate access to valuable resources on any device. This convenience allows for efficient studying, researching, and reading on the go. Moreover, the cost-effective nature of downloading F321 Past Papers 2006 has democratized knowledge. Traditional books and academic journals can be expensive, making it difficult for individuals with limited financial resources to access information. By offering free PDF downloads, publishers and authors are enabling a wider audience to benefit from their work. This inclusivity promotes equal opportunities for learning and personal growth. There are numerous websites and platforms where individuals can download F321 Past Papers 2006. These websites range from academic databases offering research papers and journals to online libraries with an expansive collection of books from various genres. Many authors and publishers also upload their work to specific websites, granting readers access to their content without any charge. These platforms not only provide access to existing literature but also serve as an excellent platform for undiscovered authors to share their work with the world. However, it is essential to be cautious while downloading F321 Past Papers 2006. Some websites may offer pirated or illegally obtained copies of copyrighted material. Engaging in such activities not only violates copyright laws but also undermines the efforts of authors, publishers, and researchers. To ensure ethical downloading, it is advisable to utilize reputable websites that prioritize the legal distribution of content. When downloading F321 Past Papers 2006, users should also consider the potential security risks associated with online platforms. Malicious actors may exploit vulnerabilities in unprotected websites to distribute malware or steal personal information. To protect themselves,

individuals should ensure their devices have reliable antivirus software installed and validate the legitimacy of the websites they are downloading from. In conclusion, the ability to download F321 Past Papers 2006 has transformed the way we access information. With the convenience, cost-effectiveness, and accessibility it offers, free PDF downloads have become a popular choice for students, researchers, and book lovers worldwide. However, it is crucial to engage in ethical downloading practices and prioritize personal security when utilizing online platforms. By doing so, individuals can make the most of the vast array of free PDF resources available and embark on a journey of continuous learning and intellectual growth.

FAQs About F321 Past Papers 2006 Books

What is a F321 Past Papers 2006 PDF? A PDF (Portable Document Format) is a file format developed by Adobe that preserves the layout and formatting of a document, regardless of the software, hardware, or operating system used to view or print it. **How do I create a F321 Past Papers 2006 PDF?** There are several ways to create a PDF: Use software like Adobe Acrobat, Microsoft Word, or Google Docs, which often have built-in PDF creation tools. Print to PDF: Many applications and operating systems have a "Print to PDF" option that allows you to save a document as a PDF file instead of printing it on paper. Online converters: There are various online tools that can convert different file types to PDF. **How do I edit a F321 Past Papers 2006 PDF?** Editing a PDF can be done with software like Adobe Acrobat, which allows direct editing of text, images, and other elements within the PDF. Some free tools, like PDFescape or Smallpdf, also offer basic editing capabilities. **How do I convert a F321 Past Papers 2006 PDF to another file format?** There are multiple ways to convert a PDF to another format: Use online converters like Smallpdf, Zamzar, or Adobe Acrobats export feature to convert PDFs to formats like Word, Excel, JPEG, etc. Software like Adobe Acrobat, Microsoft Word, or other PDF editors may have options to export or save PDFs in different formats. **How do I password-protect a F321 Past Papers 2006 PDF?** Most PDF editing software allows you to add password protection. In Adobe Acrobat, for instance, you can go to "File" -> "Properties" -> "Security" to set a password to restrict access or editing capabilities. Are there any free alternatives to Adobe Acrobat for working with PDFs? Yes, there are many free alternatives for working with PDFs, such as: LibreOffice: Offers PDF editing features. PDFsam: Allows splitting, merging, and editing PDFs. Foxit Reader: Provides basic PDF viewing and editing capabilities. How do I compress a PDF file? You can use online tools like Smallpdf, ILovePDF, or desktop software like Adobe Acrobat to compress PDF files without significant quality loss. Compression reduces the file size, making it easier to share and download. Can I fill out forms in a PDF file? Yes, most PDF viewers/editors like Adobe Acrobat, Preview (on Mac), or various online tools allow you to fill out forms in PDF files by selecting text fields and entering information. Are there any restrictions when working with PDFs? Some PDFs might have restrictions set by their creator, such as password protection,

editing restrictions, or print restrictions. Breaking these restrictions might require specific software or tools, which may or may not be legal depending on the circumstances and local laws.

Find F321 Past Papers 2006 :

envelpk/100 love offering no3sz
enrollment cancelled
environment of mankind
entrenamiento muscular excentrico en deportes y ortopedia
environment and economics in project preparation ten asian cases
environmental implications of leather tanneries
~~entrepreneur magazine guide to professional services~~
~~entrepreneurship in training~~
environmental pollution control
environment and experience settlement culture in nineteent
enteroceptors handbook of sensory physiology vol. 3 pt. 1
~~entertaining with longaberger celebrating the seasons~~
~~entomopathogenic bacteria from laboratory to field application~~
enjoying your restricted diet
entertaining jonathan

F321 Past Papers 2006 :

Owls of the world : a photographic guide : Mikkola, Heimo Nov 19, 2021 — Owls of the world : a photographic guide. by: Mikkola, Heimo. Publication ... DOWNLOAD OPTIONS. No suitable files to display here. 14 day loan ... Owls of the World: A Photographic Guide by Mikkola, Heimo The new edition is packed with spectacular photography of 268 species of owls from all over the world -- 19 more species than the original book. Many of the ... (PDF) Owls of the World | Heimo Mikkola The paper seeks explanations of why the number of owl species keeps growing exponentially although not very many new owl species can be found in the wild. Owls of the World: A Photographic Guide This new book, Owls of the World, is the first comprehensive guide to the world's owls. It contains the finest collection of owl photographs I have seen in one ... Owls of the World - A Photographic Guide: Second Edition Jun 1, 2014 — This book contains lavish and spectacular photography from

dozens of the world's finest natural history photographers, covering all of the ... Owls of the World - A Photographic Guide: Second Edition This book contains lavish and spectacular photography from dozens of the world\x27s finest natural history photographers, covering all of the world\x27s 268 ... Owls of the World: A Photographic Guide - Hardcover The new edition is packed with spectacular photography of 268 species of owls from all over the world -- 19 more species than the original book. Many of the ... Owls of the World: A Photographic Guide - Heimo Mikkola Dozens of the world's finest photographers have contributed 750 spectacular photographs covering all of the world's 249 species of owls. Owls of the World: A Photographic Guide by Heimo Mikkola A complete guide to identifying the world's owls. Photographers spend hours waiting to capture them and birders seek them out with determination, but owls ... Owls of the World: A Photographic Guide The superlative identification guide to 268 species of owl, now in paperback. Praise for the first edition: "A native of Finland, the author is the world's ... Pfaff Quilt Expression 2046 Sewing Machine Pfaff Quilt Expression 2046 Reviews ... tksews recommends this machine after buying it for $1400. ... MooSmith recommends this machine after buying it for $1799. Instruction a manual Utility stitches, Quilt Expression 2046. Utility stitches, Expression 2034. Window, adjusting the contrast z. Zippers, sewing in. 1/4 inch quilt and patchwork ... Pfaff quilt expression 2046 Computerized Sewing Machine This PFAFF QUILT EXPRESSION 2046 sewing machine is a great addition to your crafting arsenal. With its computerized operation, it makes sewing a breeze. User manual Pfaff expression 2046 (English - 110 pages) The Pfaff expression 2046 is a sewing machine that offers a range of features suitable for various sewing projects. Designed for efficiency and functionality, ... Pfaff Quilt Expression 2046 (Pre-loved) This machine runs well and is sold as is with the accessories received when it was traded in. If shipping of machine is requested during checkout, ... Pfaff 2046 - Quiltingboard Forums Jul 18, 2009 — I have a new Pfaff Quilt Expression 2046 that has a telfon bobbin and came with a 5 year warranty, and I paid lots more than the $500 your ... Pfaff Quilt Expression 2046 Parts Shop our extensive selection of Pfaff Quilt Expression 2046 parts & accessories! Quick delivery. 90-day returns. Free shipping over $49. Pfaff Quilt Expression 4.0 (Review) - YouTube Pfaff Quilt Expression 2046 Jun 21, 2010 — It is easy to use that you spent less time trying to thread your needles. FEATURES: THREADINGIt can help to pass the thread through the needle ... The Democratic Genre: Fan Fiction in a Literary Context Fandoms as diverse as Jane Austen, Blake's 7, and The Bill are explored in this guide to the cultural phenomenon of fan fiction. The democratic genre : fan fiction in a literary context The democratic genre : fan fiction in a literary context · Genre: Criticism, interpretation, etc · Physical Description: 282 pages ; 21 cm · ISBN: 9781854113993 ... The Democratic Genre: Fan Fiction in a Literary Context Aug 1, 2006 — Fandoms as diverse as Jane Austen, Blake's 7 , and The Bill are explored in this guide to the cultural phenomenon of fan fiction. Fan Fiction in a Literary Context, p. 219 (via nihilistelektra) Oct 29, 2016 — [QUOTE] From Sheenagh Pugh, The Democratic Genre: Fan Fiction in a Literary Context, p. 219 (via nihilistelektra) ... The kind of literature that ... The Democratic Genre: Fan Fiction in a Literary Context In 'The Democratic Genre' poet Sheenagh Pugh explores

fandoms as diverse as Jane Austen, Blake's 7 and The Bill. She discusses fanfic terminology, its ... The Democratic Genre: Fan Fiction in a Literary Context Dec 15, 2008 — This book offers an excellent and sympathetic overview of fan fiction as a literary form. The author uses material from both media and literary ... The Democratic Genre (Fan Fiction in a Literary Context) This book title, The Democratic Genre (Fan Fiction in a Literary Context), ISBN: 9781854113993, by Sheenagh Pugh, published by Seren (August 1, 2006) is ... The Democratic Genre: Fan Fiction in a Literary... Fandoms as diverse as Jane Austen, Blake's 7, and The Bill are explored in this guide to the cultural phenomenon of fan fiction. The Democratic Genre: Fan Fiction In A Literary Context, by ... Oct 6, 2005 — The alternative universe of Elizabeth Bennet, Blake's 7, and Buffy. the democratic genre: fan fiction in a literary context pdf, epub ... Pugh's investigation has deepened my interest in the genre by showing how fanfic can be a literary genre albeit a rather odd one , as surely as the writing of ...