SAMAGRA SHIKSHA, KERALA FIRST TERM EVALUATION 2022 - 23 BASIC SCIENCE

E706

Class: 7

INSTRUCTIONS

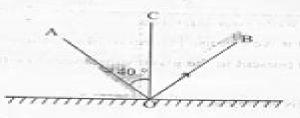
Time: 2 hrs.

Detro widen and

- First 15 minutes is cool off time. This time should be used to read and understand the activities.
- Total 10 activities are given. Answer any 8 activities.

Activity I

Observe the picture



- Identify and write the incident ray and reflected ray.
- Write the measure of angle of reflection.
- C. Write any three peculiarities of image formed by a plane mirror

Activity 2

The seeds received by Sonu and Meenu from their school is given below.

Tomato, Lady's finger, Pumpkin, Spinach, Bitter gourd, Chilly, Pea, Brinjal

A. They wrote the method of planting these seeds in their science diary. Complete the table.

Seeds that are planted directly	
Pea	Spinach
Pumpkin	Brinjal

B. Meenu got better yield than Sonu. Write any two factors that might have helped Meenu in getting better yield?

wall advanced over

Basic Science 2014 Question And Answer Jssce

V. Santiago-Fandiño, Y.A. Kontar, Y. Kaneda

Basic Science 2014 Question And Answer Jssce:

Concrete Solutions 2014 Michael Grantham, P. A. Muhammed Basheer, Bryan Magee, Marios Soutsos, 2014-08-18 The Concrete Solutions series of International Conferences on Concrete Repair began in 2003 with a conference held in St Malo France in association with INSA Rennes Subsequent conferences have seen us partnering with the University of Padua in 2009 and with TU Dresden in 2011 This conference is being held for the first time in the UK in associ Networking and Intelligent Computing Jiaxing Zhang, 2015-05-06 This proceedings volume contains selected papers presented at the 2014 International Conference on Informatics Networking and Intelligent Computing held in Shenzhen China Contributions cover the latest developments and advances in the field of Informatics Networking and Intelligent ICPMG2014 - Physical Modelling in Geotechnics Christophe Gaudin, David White, 2019-01-08 The 8th International Conference on Physical Modelling in Geotechnics ICPMG2014 was organised by the Centre for Offshore Foundation Systems at the University of Western Australia under the auspices of the Technical Committee 104 for Physical Modelling in Geotechnics of the International Society of Soil Mechanics and Geotechnical Engineering This quadrennial conference is the traditional focal point for the physical modelling community of academics scientists and engineers to present and exchange the latest developments on a wide range of physical modelling aspects associated with geotechnical engineering These proceedings together with the seven previous proceedings dating from 1988 present an inestimable collection of the technical and scientific developments and breakthroughs established over the last 25 years These proceedings include 10 keynote lectures from scientific leaders within the physical modelling community and 160 peer reviewed papers from 26 countries They are organised in 14 themes presenting the latest developments in physical modelling technology modelling techniques and sensors through a wide range of soil structure interaction problems including shallow and deep foundations offshore geotechnics dams and embankments excavations and retaining structures and slope stability Fundamental aspects of earthquake engineering geohazards ground reinforcements and improvements and soil properties and behaviour are also covered demonstrating the increasing complexity of modelling arising from state of the art technological developments and increased understanding of similitude principles A special theme on education presents the latest developments in the use of physical modelling techniques for instructing undergraduate and postgraduate students in geotechnical engineering Proceedings of the Second International Conference on Press-in Engineering 2021, Kochi, <u>Japan</u> Tatsunori Matsumoto, Katsutoshi Ueno, Koichi Isobe, Hidetoshi Nishioka, Koji Watanabe, 2021-06-23 The Second International Conference on Press in Engineering ICPE 2021 was organized by the International Press in Association IPA The conference is held every three years and the main theme this time is Evolution and Social Contribution of Press in Engineering for Infrastructure Development and Disaster Prevention and Mitigation These proceedings contain 2 keynote lectures 3 state of the art lectures and about 60 papers from more than 10 countries. This publication provides good practice

guidance on the application of the press in piling method to satisfy the requirements of geo structures which are embedded utilizing prefabricated piles It covers actual examples of the press in piling method applied to various geo structures such as temporary and permanent retaining walls cofferdams cut off walls foundation piles etc The content addresses the technical and construction issues relating to the selection of the appropriate type of press in piling method in accordance with required structural design criteria and soil and working conditions The aim of this publication is to concisely describe practical uses of the press in piling method for project owners designers contractors academic researchers and other people in the Post-Tsunami Hazard V. Santiago-Fandiño, Y.A. Kontar, Y. Kaneda, 2014-10-29 This monograph focuses on a variety of topics related to reconstruction and restoration in post tsunami conditions Aspects such as coastal engineering early warning systems and technological approaches urban planning and settlements relocation socio economic redevelopment and policy coastal ecosystems and agricultural redevelopment as well as pollution assessment are included The reader will benefit from the various case studies drawn from a number of countries hit by the 2004 tsunami in the Indian Ocean and the Great East Earthquake and Tsunami of March 2011 in Japan This book will appeal to scientists and scholars decision makers students and practitioners interested in post tsunami reconstruction and restoration processes Yearbook of International Organizations, 2013-2014 (Volume 2) Union Of International Associations, Union of International Associations, 2013-06-21 The Yearbook of International Organizations provides the most extensive coverage of non profit international organizations currently available Detailed profiles of international non governmental and intergovernmental organizations IGO collected and documented by the Union of International Associations can be found here In addition to the history aims and acitvities of international organizations with their events publications and contact details the volumes of the Yearbook include networks between associations biographies of key people involved and extensive statistical data Volume 2 allows users to locate organizations by the country in which secretariats or members are located **Seawater in Concrete** Mix Hidenori Hamada, Nobuaki Otsuki, Takahiro Nishida, 2021-09-30 In the near future many parts of the world will suffer from a shortage of freshwater Effective use of seawater in concrete production could therefore become a crucial technology Seawater in Concrete Mix provides a detailed overview of the fundamental knowledge of concrete engineering that is essential for the usage of seawater mixed concrete According to the worldwide standard for reinforced concrete RC freshwater is typically used in concrete mixing rather than seawater Yet a potential exists for the extensive use of seawater in concrete especially with the addition of ground granulated blast furnace slag fly ash or other mineral admixtures The recent trend toward performance based design makes this alternative more viable. The text is ideal for graduate students researchers concrete engineers and all civil engineers who deal with concrete for infrastructure Hidenori Hamada is Professor of Kyushu University Japan Nobuaki Otsuki is Professor Emeritus of Tokyo Institute of Technology and was Chairman of the JCI Technical Committee on the use of seawater in concrete Takahiro Nishida is Senior Researcher of the

Japanese National Institute of Maritime Port and Aviation Technology **Structural Analysis of Historical** Constructions: Anamnesis, Diagnosis, Therapy, Controls Koen Van Balen, Els Verstrynge, 2016-11-03 Structural Analysis of Historical Constructions Anamnesis diagnosis therapy controls contains the papers presented at the 10th International Conference on Structural Analysis of Historical Constructions SAHC2016 Leuven Belgium 13 15 September 2016 The main theme of the book is Anamnesis Diagnosis Therapy Controls which emphasizes the importance of all steps of a restoration process in order to obtain a thorough understanding of the structural behaviour of built cultural heritage The contributions cover every aspect of the structural analysis of historical constructions such as material characterization structural modelling static and dynamic monitoring non destructive techniques for on site investigation seismic behaviour rehabilitation traditional and innovative repair techniques and case studies The knowledge insights and ideas in Structural Analysis of Historical Constructions Anamnesis diagnosis therapy controls make this book of abstracts and the corresponding digital full colour conference proceedings containing the full papers must have literature for researchers and practitioners involved in the structural analysis of historical constructions Earthquake Geotechnical Engineering for Protection and **Development of Environment and Constructions** Francesco Silvestri, Nicola Moraci, 2019-10-22 Earthquake Geotechnical Engineering for Protection and Development of Environment and Constructions contains invited keynote and theme lectures and regular papers presented at the 7th International Conference on Earthquake Geotechnical Engineering Rome Italy 17 20 June 2019 The contributions deal with recent developments and advancements as well as case histories field monitoring experimental characterization physical and analytical modelling and applications related to the variety of environmental phenomena induced by earthquakes in soils and their effects on engineered systems interacting with them The book is divided in the sections below Invited papers Keynote papers Theme lectures Special Session on Large Scale Testing Special Session on Liquefact Projects Special Session on Lessons learned from recent earthquakes Special Session on the Central Italy earthquake Regular papers Earthquake Geotechnical Engineering for Protection and Development of Environment and Constructions provides a significant up to date collection of recent experiences and developments and aims at engineers geologists and seismologists consultants public and private contractors local national and international authorities and to all those involved in research and practice related to Earthquake Geotechnical Engineering COASTAL ENGINEERING - For Engineers and Practitioners - Yoshimichi Yamamoto, Ca Thanh Vu, Harshinie Karunarathna, 2025-04-12 ISBN 978 4 8446 0923 0 This book is a technical reference for engineers summarizing key points and covering a wide range of coastal engineering topics Its features include 1 Incorporation of the latest research 1 Wave estimation methods and existing open sources 2 Estimating wave run up heights and overtopping rates 3 Damage reports from the 2004 Indian Ocean tsunami and the 2011 Tohoku tsunami 4 Evaluation methods for predicting beach topographic changes due to large waves 5 Mechanisms

prediction models and countermeasures for backfill material outflows 6 Causes and countermeasures of coastal erosion 7

Calculation formulas for tsunami force and drift impact force 8 Numerical models of tsunami inundation area changes 9 Countermeasures against microplastics and debris 10 Types of wave power generation and examples 2 A set of programs and manuals for the following numerical models for predicting wave induced topographic changes will be provided 1 shoreline changes 2 beach change due to large waves 3 topographic changes due to tsunamis The book aims to be a useful resource for engineers and practitioners in coastal engineering About the Authors Yoshimichi Yamamoto Dr of Engineering Coastal Engineering Pro Engineer in Japan Civil Engineering Exec Pro Civil Engineer Disaster Prevention of JSCE Fellow member of JSCE Former Prof of Tokai University Japan Ca Thanh Vu PhD Biological and Environmental Sciences Associate Professor Principal Lecturer of Ha Noi University of Natural Resources and Environment Viet Nam Former Director General of Viet Nam Institute of Seas and Islands Harshinie Karunarathna PhD Coastal Engineering Professor in Coastal Engineering of Swansea University United Kingdom Contents 1 Statistical Properties And Generation Mechanisms Of Waves 2 Wave Theories And Propagation And Deformation 3 Wave Run Up Wave Overtopping And Wave Forces 4 Currents In The Sea 5 Storm Surges And Tsunamis 6 Coastal Topographic Change 7 Coastal Protection And Various Other Structures 8 Environmental Protection And Wave Power Generation Appendix Manuals Of Numerical Prediction Models Symbol List Technical Term List.

Embark on a transformative journey with Explore the World with is captivating work, **Basic Science 2014 Question And Answer Jssce**. This enlightening ebook, available for download in a convenient PDF format, invites you to explore a world of boundless knowledge. Unleash your intellectual curiosity and discover the power of words as you dive into this riveting creation. Download now and elevate your reading experience to new heights.

https://stats.tinkerine.com/results/uploaded-files/Documents/alabaster%20good%20bad%20bird%201%20ebook.pdf

Table of Contents Basic Science 2014 Question And Answer Jssce

- 1. Understanding the eBook Basic Science 2014 Question And Answer Jssce
 - The Rise of Digital Reading Basic Science 2014 Question And Answer Jssce
 - Advantages of eBooks Over Traditional Books
- 2. Identifying Basic Science 2014 Question And Answer Jssce
 - 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 Basic Science 2014 Question And Answer Jssce
 - User-Friendly Interface
- 4. Exploring eBook Recommendations from Basic Science 2014 Question And Answer Jssce
 - Personalized Recommendations
 - $\circ\,$ Basic Science 2014 Question And Answer Jssce User Reviews and Ratings
 - Basic Science 2014 Question And Answer Jssce and Bestseller Lists
- 5. Accessing Basic Science 2014 Question And Answer Jssce Free and Paid eBooks
 - Basic Science 2014 Question And Answer Jssce Public Domain eBooks
 - Basic Science 2014 Question And Answer Jssce eBook Subscription Services
 - Basic Science 2014 Question And Answer Jssce Budget-Friendly Options

- 6. Navigating Basic Science 2014 Question And Answer Jssce eBook Formats
 - o ePub, PDF, MOBI, and More
 - Basic Science 2014 Question And Answer Jssce Compatibility with Devices
 - Basic Science 2014 Question And Answer Jssce Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - o Adjustable Fonts and Text Sizes of Basic Science 2014 Question And Answer Jssce
 - Highlighting and Note-Taking Basic Science 2014 Question And Answer Jssce
 - Interactive Elements Basic Science 2014 Question And Answer Jssce
- 8. Staying Engaged with Basic Science 2014 Question And Answer Jssce
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Basic Science 2014 Question And Answer Jssce
- 9. Balancing eBooks and Physical Books Basic Science 2014 Question And Answer Jssce
 - $\circ\,$ Benefits of a Digital Library
 - Creating a Diverse Reading Collection Basic Science 2014 Question And Answer Jssce
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Basic Science 2014 Question And Answer Issce
 - Setting Reading Goals Basic Science 2014 Question And Answer Jssce
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Basic Science 2014 Question And Answer Jssce
 - Fact-Checking eBook Content of Basic Science 2014 Question And Answer Jssce
 - 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

Basic Science 2014 Question And Answer Jssce Introduction

In todays digital age, the availability of Basic Science 2014 Question And Answer Jssce books and manuals for download has revolutionized the way we access information. Gone are the days of physically flipping through pages and carrying heavy textbooks or manuals. With just a few clicks, we can now access a wealth of knowledge from the comfort of our own homes or on the go. This article will explore the advantages of Basic Science 2014 Question And Answer Jssce books and manuals for download, along with some popular platforms that offer these resources. One of the significant advantages of Basic Science 2014 Question And Answer Issce books and manuals for download is the cost-saving aspect. Traditional books and manuals can be costly, especially if you need to purchase several of them for educational or professional purposes. By accessing Basic Science 2014 Question And Answer Issce versions, you eliminate the need to spend money on physical copies. This not only saves you money but also reduces the environmental impact associated with book production and transportation. Furthermore, Basic Science 2014 Question And Answer Issce books and manuals for download are incredibly convenient. With just a computer or smartphone and an internet connection, you can access a vast library of resources on any subject imaginable. Whether youre a student looking for textbooks, a professional seeking industry-specific manuals, or someone interested in self-improvement, these digital resources provide an efficient and accessible means of acquiring knowledge. Moreover, PDF books and manuals offer a range of benefits compared to other digital formats. PDF files are designed to retain their formatting regardless of the device used to open them. This ensures that the content appears exactly as intended by the author, with no loss of formatting or missing graphics. Additionally, PDF files can be easily annotated, bookmarked, and searched for specific terms, making them highly practical for studying or referencing. When it comes to accessing Basic Science 2014 Question And Answer Issce books and manuals, several platforms offer an extensive collection of resources. One such platform is Project Gutenberg, a nonprofit organization that provides over 60,000 free eBooks. These books are primarily in the public domain, meaning they can be freely distributed and downloaded. Project Gutenberg offers a wide range of classic literature, making it an excellent resource for literature enthusiasts. Another popular platform for Basic Science 2014 Question And Answer Jssce books and manuals is Open Library. Open Library is an initiative of the Internet Archive, a non-profit organization dedicated to digitizing cultural artifacts and making them accessible to the public. Open Library hosts millions of books, including both public domain works and contemporary titles. It also allows users to borrow digital copies of certain books for a limited period, similar to a library lending system. Additionally, many universities and educational institutions have their own digital libraries that provide free access to PDF books and manuals. These libraries often offer academic texts, research papers, and technical manuals, making them invaluable resources for students and

researchers. Some notable examples include MIT OpenCourseWare, which offers free access to course materials from the Massachusetts Institute of Technology, and the Digital Public Library of America, which provides a vast collection of digitized books and historical documents. In conclusion, Basic Science 2014 Question And Answer Jssce books and manuals for download have transformed the way we access information. They provide a cost-effective and convenient means of acquiring knowledge, offering the ability to access a vast library of resources at our fingertips. With platforms like Project Gutenberg, Open Library, and various digital libraries offered by educational institutions, we have access to an ever-expanding collection of books and manuals. Whether for educational, professional, or personal purposes, these digital resources serve as valuable tools for continuous learning and self-improvement. So why not take advantage of the vast world of Basic Science 2014 Question And Answer Jssce books and manuals for download and embark on your journey of knowledge?

FAQs About Basic Science 2014 Question And Answer Jssce Books

How do I know which eBook platform is the best for me? Finding the best eBook platform depends on your reading preferences and device compatibility. Research different platforms, read user reviews, and explore their features before making a choice. Are free eBooks of good quality? Yes, many reputable platforms offer high-quality free eBooks, including classics and public domain works. However, make sure to verify the source to ensure the eBook credibility. Can I read eBooks without an eReader? Absolutely! Most eBook platforms offer web-based readers or mobile apps that allow you to read eBooks on your computer, tablet, or smartphone. How do I avoid digital eye strain while reading eBooks? To prevent digital eye strain, take regular breaks, adjust the font size and background color, and ensure proper lighting while reading eBooks. What the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, quizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Basic Science 2014 Question And Answer Jssce is one of the best book in our library for free trial. We provide copy of Basic Science 2014 Question And Answer Jssce in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Basic Science 2014 Question And Answer Jssce online for free? Are you looking for Basic Science 2014 Question And Answer Jssce online for free? Are you looking for Basic Science 2014 Question And Answer Jssce PDF? This is definitely going to save you time and cash in something you should think about.

Find Basic Science 2014 Question And Answer Jssce : alabaster good bad bird 1 ebook

al trav mis nervios spanish

al jazeera phenomenon critical perspectives on new arab media

ajedrez a la ciega ajedrez a la ciega

alcalde zalamea spanish calderon barca

alcatel 4030d manual français

airman portable air compressor manual

alabama studio style more projects recipes & stories celebrating sustainable fashion & living

airport hling manual

alarm in de woestijn

ak cobra build manual

aladdin story in short

alaska resource data file bering glacier quadrangle alaska open file report 2002 115

aiutami a non aver paura

al anons twelve steps and twelve traditions

Basic Science 2014 Question And Answer Issce:

Toward a Composition Made Whole - Project MUSE by J Shipka · 2011 · Cited by 604 — Toward a Composition Made Whole challenges theorists and compositionists to further investigate communication practices and broaden the scope of ... Toward a Composition Made Whole... by Shipka, Jody - Amazon Shipka presents several case studies of students working in multimodal composition and explains the strategies, tools, and spaces they employ. She then offers ... Toward a Composition Made Whole Toward a Composition Made Whole challenges theorists and compositionists to further investigate communication practices and broaden the scope of writing to ... SHIPKA (2011) - UMBC's English Department Toward a Composition Made Whole challenges theorists and compositionists to further investigate communication practices and broaden the scope of writing to ... Toward a Composition Made Whole on JSTOR The workshop took place in a living-learning community on campus that catered to students who favored creative, hands-on approaches to instruction and were open ... Toward a Composition Made Whole This approach, Shipka argues, will "illumine the fundamentally multimodal aspect of all communicative practice" (p. 39) and enables us to resist a logocentric ... Toward a Composition Made Whole - Document - Gale by TM Kays · 2012 — The framework the author proposes focuses on activity-based learning incorporating multimodal and mediate aspects of text. Fascinating and useful, the framework ... Toward a Composition Made Whole - Jody Shipka To many academics, composition still represents typewritten texts on 8.5" x 11" pages that follow rote argumentative guidelines.

In Toward a Composition ... Toward a Composition Made Whole by Jody Shipka In Toward a Composition Made Whole, Jody Shipka views composition as an act of communication that can be expressed through any number of media and as a path ... Kairos 19.2: Dieterle, Review of A Composition Made Whole by B Dieterle · 2015 — Toward a Composition Made Whole advocates for a broadened definition of composition to include non-print, non-linear texts and asks composition teachers to ... Answers To Basic Methods Of Structural Geology (2023) Oct 15, 2023 — Psyche | Falcon Heavy - Everyday Astronaut. Q&A: What does it mean to be a woman in the geosciences? - Stanford Earth. Basic Methods Of Structural Geology Solution Manual Our interactive player makes it easy to find solutions to Basic Methods of Structural Geology problems you're working on - just go to the chapter for your book. STRUCTURAL GEOLOGY EXERCISE 25 PTS. NAME ... Dec 9, 2019 — NAME Complete the following exercises us cises using your textbook and lecture notes as guides. Cross-Section and Map Views Consider the ... geokniga-basic-methods-structural-geology.pdf Basic Methods of Structural Geology is a textbook designed to serve two purposes. ... answers to the preceding questions, and Tables 10-2 and 10-3, explain why ... Basic Methods of Structural Geology by Marshak, Stephen ... solutions such as can be found in most modern math, engineering, chemistry textbooks. Bottom Line: This textbook makes learning structural geology a huge ... Chapter 12 Geological Structures Some of the types of geological structures that are important to study include bedding planes, planes of foliation, dykes and sills, fractures, faults, and ... Basic Methods of Structural... by STEPHEN MARSHAK ... Basic Methods of Structural Geology [Paperback] [Jan 01, 2017] Stephen Marshak Gautum Mitra, [STEPHEN MARSHAK GAUTUM MITRA,] on Amazon.com. Structural Geology Numericals and Maps: Class-04 - YouTube Problems and Solutions in Structural Geology and Tectonics Chapter 1 - Cross-Section Construction and Balancing: Examples From the Spanish Pyrenees · Chapter 2 -Techniques for the Field Measurement and Analysis of the ... Structural Geology - Lesson 1 - Part 3 of 4 - YouTube John Updike: A Study of the Short Fiction (Twayne's ... Updike's short fiction captures the changing historical background, the shifting social mores, and the personal responses to the altered socio-cultural ... John Updike: A Study of the Short Fiction (Twayne's ... Title: John Updike: A Study of the Short Fiction (... Publisher: Twayne Pub. Publication Date: 1993. Binding: Hardcover. Condition: ... John Updike A Study Of The Short Fiction Twaynes ... Nov 25, 2023 — John Updike A Study Of The Short Fiction Twaynes Studies In Short Fiction. 3. 3. To the list of John Updike's well- intentioned protagonists ... John Updike: A Study of the Short Fiction - Document by TK Meier · 1994 — Robert M. Luscher provides in his John Updike: A Study of the Short Fiction a useful and much needed guide to the works of one of the most important and ... John Updike: A Study of the Short Fiction (Twayne's ... John Updike: A Study of the Short Fiction (Twayne's Studies in Short Fiction) John Updike: A Study of the Short Fiction (Twayne's Studies in ... John Updike: A Study of the Short Fiction (Twayne's Studies in Short Fiction). \$15.08. Author: Luscher, Robert M. Publisher: Twayne Pub John Updike: A Study of the Short Fiction (Twayne's ... John Updike: A Study of the Short Fiction (Twayne's Studies in Short Fiction); Item Number. 154970210775;

ISBN. 9780805708509; Book Title. John Updike: a Study ... John Updike: a study of the short fiction (Book) Luscher, R. M. (1993). John Updike: a study of the short fiction. New York: Toronto: New York, Twayne. Chicago / Turabian - Author Date Citation (style ... John Updike: a study of the short fiction / Robert M. Luscher. John Updike: a study of the short fiction / Robert M. Luscher. Prolific in a variety ... Twayne's studies in short fiction; no. 43. Subjects: Updike, John ... John Updike: A Study of the Short Fiction (Twayne's ... Mar 1, 1993 — John Updike: A Study of the Short Fiction (Twayne's Studies in Short Fiction); Or just \$14.32; About This Item. Twayne Pub, 1993-03-01.