TUTORIALS IN INTRODUCTORY PHYSICS HOMEWORK ANSWER KEY

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**Tutorials in Introductory Physics: Homework Answer Key** 

Question 1: A ball is thrown vertically upward with an initial velocity of 15 m/s.

What is the maximum height reached by the ball?

Answer: 11.3 m

Question 2: A car accelerates from rest at a constant rate of 2.5 m/s<sup>2</sup>. How far does the car travel in 5 seconds?

Answer: 62.5 m

Question 3: A 10 kg object is moving at a velocity of 3 m/s. What is the object's kinetic energy?

Answer: 45 J

Question 4: A 20 cm long rod is pivoted at its center. A 5 kg weight is suspended from one end of the rod, and a 3 kg weight is suspended from the other end. What is the angle the rod makes with the horizontal when it is in equilibrium?

Answer: 37°

Question 5: A block of mass 2 kg is placed on a frictionless surface. A force of 10 N is applied to the block parallel to the surface. What is the acceleration of the block?

Answer: 5 m/s<sup>2</sup>

The Howard Marks Book of Dope Stories: Behind the Curtain of the Global

**Drug Trade** 

What is The Howard Marks Book of Dope Stories?

"The Howard Marks Book of Dope Stories" is a collection of true stories and insights

by the legendary drug smuggler Howard Marks, aka "Mr Nice". Published in 1996,

the book offers an unfiltered glimpse into the world of international drug trafficking

from the perspective of a key player.

What kind of stories are included in the book?

Marks' stories are a mix of thrilling adventures, wry observations, and cautionary

tales. He recounts his experiences smuggling drugs across continents, his brushes

with the law, and his encounters with the colorful characters who inhabited the drug

scene of the 1970s and 1980s.

What can readers learn from the book?

Beyond its entertainment value, "The Howard Marks Book of Dope Stories" provides

valuable lessons about the illicit drug trade. Marks exposes the absurdities and

dangers of government policies, the corruption that fuels drug smuggling, and the

human toll that the drug war has taken.

How credible are Marks' stories?

Marks' tales are based on his own experiences and extensive research. While some

details may be exaggerated for literary effect, his overall account is considered

largely truthful. Marks was known for his intelligence and his ability to manipulate the

system, and his stories offer a firsthand perspective on the inner workings of the

drug trade.

Is the book worth reading?

For those interested in true crime, drug culture, or history, "The Howard Marks Book

of Dope Stories" is a must-read. Marks' wit, charm, and outsider perspective make

this book both entertaining and thought-provoking. It's a story that sheds light on a shadowy world and challenges readers to think critically about the drug laws and policies that shape our society.

Working Papers Chapters 1-16 for Gilbertson/Lehmans Century 21 Accounting Multicolumn Journal, 9th Edition

#### Introduction

The working papers for Chapters 1-16 of Gilbertson/Lehmans Century 21 Accounting Multicolumn Journal, 9th Edition, provide a valuable resource for students to practice the concepts and techniques covered in the textbook. These working papers allow students to apply their knowledge to real-world accounting scenarios, reinforce their understanding, and prepare for assessments.

# **Chapter 1: Introduction to Accounting**

### • Questions:

- What are the three primary financial statements?
- What is the accounting equation?

### Answers:

- The three primary financial statements are the balance sheet, income statement, and statement of cash flows.
- The accounting equation is Assets = Liabilities + Owners' Equity.

## **Chapter 2: The Accounting Cycle**

#### Questions:

- What are the steps involved in the accounting cycle?
- What is the purpose of a trial balance?

#### Answers:

- The steps in the accounting cycle are recording transactions, posting to accounts, preparing a trial balance, adjusting entries, preparing financial statements, and closing entries.
- The purpose of a trial balance is to check if the total debits equal the total credits, indicating that the accounting records are in balance.

# **Chapter 3: Special Journals**

### Questions:

- What are the advantages of using special journals?
- Name three types of special journals.

#### Answers:

- Advantages of using special journals include efficiency, timeliness, and accuracy.
- Three types of special journals are the sales journal, purchases journal, and cash receipts journal.

# **Chapter 4: Adjusting Entries**

### Questions:

- What types of transactions require adjusting entries?
- What is an accrued expense?

## • Answers:

- Transactions requiring adjusting entries include prepaid expenses, accrued expenses, unearned revenue, and depreciation.
- An accrued expense is an expense that has been incurred but not yet paid.

# **Chapter 5: Completing the Accounting Cycle**

#### Questions:

- What is the purpose of closing entries?
- What is the difference between a temporary account and a permanent account?

#### Answers:

- The purpose of closing entries is to transfer balances from temporary accounts (expense, revenue, and income summary) to permanent accounts (capital, assets, and liabilities).
- Temporary accounts are closed at the end of the accounting period, while permanent accounts carry balances forward from one period to the next.

# Winston Churchill's "We Shall Fight on the Beaches" Speech

Winston Churchill, the iconic British Prime Minister, delivered his famous "We Shall Fight on the Beaches" speech to the House of Commons on June 4, 1940. This rousing and defiant address galvanized the British people and became a rallying cry for the nation as it faced the threat of Nazi invasion.

## Q: What was the context of the speech?

A: The speech was given in the aftermath of the Dunkirk evacuation, where British troops were miraculously rescued from the beaches of France after the fall of France to Nazi forces. The speech was intended to reassure the British people that despite the setbacks, they would not give up the fight against Nazi Germany.

## Q: What were the main themes of the speech?

A: Churchill emphasized the unwavering determination of the British people to resist the Nazi invasion, no matter the odds. He promised that they would fight on every beach, landing ground, field, street, and hilltop. He also declared that they would never surrender and that they would continue to fight for freedom and democracy.

## Q: What was the impact of the speech?

A: The speech had a profound impact on the British people. It lifted their spirits and gave them hope amidst the chaos and uncertainty of war. The speech also inspired other countries fighting against Nazi aggression and became a symbol of ??????.

## Q: What are some of the most famous lines from the speech?

A: The speech is remembered for its powerful and evocative language. Some of the most famous lines include:

- "We shall fight on the beaches, we shall fight on the landing grounds, we shall fight in the fields and in the streets, we shall fight in the hills; we shall never surrender."
- "Even though large tracts of Europe and many old and famous States have fallen or may fall into the grip of the Gestapo and all the odious apparatus of Nazi rule, we shall not flag or fail."
- "If, which I do not for a moment believe, this island or a large part of it were subjugated and starving, then our Empire beyond the seas, armed and guarded by the British Fleet, would carry on the struggle, until, in God's good time, the New World, with all its power and might, steps forth to the rescue and the liberation of the old."

# Q: Why is the speech still relevant today?

A: Churchill's "We Shall Fight on the Beaches" speech remains relevant today as a reminder of the importance of courage, determination, and the human spirit in the face of adversity. It is a testament to the power of words to inspire and unite people in the face of great challenges.

the howard marks book of dope stories, working papers chapters 1 16 for gilbertsonlehmans century 21 accounting multicolumn journal 9th, winston churchill we shall fight on the beaches speech

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