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## **2016 Hi-Q Reference**

*Contest questions are prepared from works listed below.  
This list is for general information and to help students find similar  
reference works among their own school textbooks.*

### **American Government**

“Foundations of American Government”

Reference: Magruder's American Government. William A. McClenaghan. 2002 Edition, Prentice Hall ISBN 0-13-063075-6, Chapters 1- 4, pages 1- 109

### **American History**

“Testing a New Nation”

Reference: The American Pageant, T. Bailey, D. Kennedy & L. Cohen. Houghton Mifflin, 11th Edition, 1998. ISBN 0-669-39728-8, Chapters 17 – 23, pages 360 - 506

### **Art History**

“The Birth of Realism, The Impressionists”

Reference: Art: A World History: Editor Jo Marceau. Dorling-Kindersley, 1998. ISBN: 0- 7894-2382-0. First American Edition 1998, “The Birth of Realism, The Impressionists,” Pages 458-501

### **Biology**

Topic area: Topic Area Includes: The Cell and the Genetic Basis of Life: Cell structure and function; Membrane structure and function; Metabolism; Photosynthesis; Cellular Respiration; Cellular reproduction and the cell cycle; Meiosis and sexual reproduction; Mendelian patterns of Inheritance; Chromosomes and Genes; Human Genetics, DNA structure and functions; Gene

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activity: How Genes Work; Genome Organization and Regulation  
of Gene activity; Biotechnology.

Reference Sources: The Living World, G. Johnson. McGraw Hill,  
4<sup>th</sup> Ed. 2006, New York, New York: McGraw-Hill, ISBN:  
0-07-281795X. Chapters 4-10

Biology: The Unity and Diversity of Life. C. Starr & R. Taggart,  
2004. 10<sup>th</sup> ed. Belmont, CA: Wadsworth Group. ISBN:  
0-534-38801. Chapters 4-16

## **Chemistry**

Reference source: General Chemistry by D. Ebbing and S.  
Gammon, 9<sup>th</sup> Edition, Houghton-Mifflin, 2007. ISBN: 0618857486

## **Geography**

Topic Area: Unit 50 – Russia and the Republics

Reference: Holt McDougal Geography 2012. ISBN - 13:  
978-0547491103, pages 334-390 :

## **Literature**

### **Kurt Vonnegut**

Welcome to the Monkey  
House: The Special Edition  
Publisher: Dial Press Trade Paperbacks ISBN: 978-0-8129-9360-8

- Harrison Bergeron
- All the King's Horses
- Tom Edison's Shaggy Dog -D.P.
- Report on the Barnhouse Effect

### **Samuel Clemens (Mark Twain)**

The Best Short Works of Mark Twain

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Publisher: Simon & Schuster Paperbacks ISBN: 978-0-7434-8779-5

- The Notorious Jumping Frog of Calaveras County -The Invalid's Story
- The McWilliamses and The Burglar Alarm
- The 1,000,000 Pound Bank-Note
  
- The \$30,000 Bequest

### **Sir Arthur Conan Doyle**

The Sherlock Holmes Mysteries

Publisher: Signet Classics ISBN: 978-0-451-46765-2

- The Red-Headed League
- The Adventure of the Blue Carbuncle -The Adventure of the Speckled Band -The Final Problem
- The Adventures of the Empty House

### **Edith Wharton**

Edith Wharton Short Stories

Dover Publications, Inc. ISBN:978-0-486-28235-0

- Expiation
- The Muse's Tragedy -The Pelican
- Xingu
- The Other Two

### **Mathematics**

No specific source used. The three questions in the standard category of each contest will be on the same subject. Problems will consist of general math, algebra, geometry, senior math, and trigonometry.

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## **Physics**

General Physics, No Specific Topic

Reference Sources:

Conceptual Physics, 10th edition, Hewitt (2006), ISBN  
0-8053-9375-7

College Physics, R.A Serway & C. Vuille (2012), ISBN  
0-8400-6206-2

## **Shakespeare**

Specific Works: **Hamlet, Midsummer Night's Dream, Henry V,  
Julius Caesar**

Reference source: The Complete Works of Shakespeare, edited  
by David Bevington Sports

Topic: The Year in Sport, pages 5 – 8, Olympics [Gold Medal  
winners only], 351 - 372. NCAA Sports, pages 477 – 490 [Division  
1 only].

Reference Source: Sports Illustrated Almanac 2015, Time Home  
Entertainment, ISBN-10: 1-61893-350-7, ISBN-13:  
978-1-61893-350-8.

## **World History**

Unit 7: The World at War: The Great War, Revolution and  
Nationalism, Years of Crisis, and World War II, pages 836 - 959.

Reference Source: World History Patterns of Interaction, Beck,  
Black, Krieger, Naylor, Shabaka, 2012, Houghton Mifflin Harcourt  
Publishing, ISBN 978-0547491127, Chapters 29 - 32.