

## G.A.T.A. 1993 State Tournament - Round 8

Copyright 1993 - Independent Buzzer Association

T1. This Mexican War general ignored President Polk's orders to stay on the defensive, and captured Buena Vista in 1847. For ten points, identify this general nicknamed "Old Rough and Ready."

Answer: Zachary Taylor

B1. Answer the following questions about vice-presidents.

1. For 5 points each, name the two men who were served by John C. Calhoun as vice-president.

Answer: John Quincy Adams, Andrew Jackson

2. For 5 points each, name the two vice-presidents other than Harry Truman who served under FDR.

Answer: John Nance Garner, Henry A. Wallace

T2. Called the Vergiliae in Roman mythology, they gave their name to a group of 16th century French writers led by Pierre de Ronsard. For 10 points, what is this group of women pursued by Orion and turned into a seven star constellation?

Answer: Pleiades

B2. Identify the authors of the following works of Russian literature. 5 pts. each.

1. The Inspector General and The Nose

Answer: Nikolai Gogol

2. Fathers and Sons and Rudin

Answer: Ivan Turgenev

3. "The Sea Gull" and "Uncle Vanya"

Answer: Anton Chekov

4. "Eugene Onegin" and "The Queen of Spades"

Answer: Aleksandr Pushkin

T3. On December 9, 1987, three Palestinian children and at least 12 others were killed in the Gaza Strip in Israel. This event sparked the beginning of the Palestinian Uprisings in the Occupied Territories. For 10 points, what is the name of this revolt?

Answer: Intifadah

B3. Given the date of the assassination of a major political figure, identify the victim. 5 pts. each.

1. June 28, 1914

Answer: Archduke Franz Ferdinand

2. January 30, 1948

Answer: Mahatma Gandhi

3. August 21, 1940

Answer: Leon Trotsky

4. October 6, 1981

Answer: Anwar Sadat

### **G.A.T.A. 1993 State Tournament - Round 8**

Copyright 1993 - Independent Buzzer Association

T4. As was noted in Dante's writing, his reputation soon passed that of his reported teacher, Cimabue. In 1334, he was made director of public works for Florence and designed the cathedral's bell tower. For 10 points, identify this 13th and 14th century painter whose surname was Bondone.

Answer: Giotto

B4. Identify the art movements represented by the following.

1. D.G. Rossetti

Answer: Pre-Raphaelite Brotherhood

2. Henri Matisse

Answer: Fauvism

3. Juan Gris

Answer: Cubism

4. Salvador Dali

Answer: Surrealism

T5. They were discovered by American zoologist Thomas Hunt Morgan and his theories on them were elucidated in a 1926 book. He concluded that they were arranged in lines, held together in linkage groups, and allowed for crossovers. For 10 points, what are these individual units of heredity, the components of chromosomes?

Answer: genes

B5. Given a type of fish, you place it in its correct class. Five points for each correct answer.

a. Hagfish

Answer: Agnatha

b. Moray Eel

Answer: Osteichthyes

c. Lamprey

Answer: Agnatha

d. Halibut

Answer: Osteichthyes

T6. It is divided into The Homecoming, The Hunted, and The Haunted and is centered on the Mannon family at the end of the Civil War. For 10 points, what is this play which Eugene O'Neill based on Aeschylus' Oresteia?

Answer: Mourning Becomes Electra

B6. For 10 points each, identify the work of American literature by the following authors set on the following ships.

1. the Ghost, Jack London

Answer: The Sea Wolf

2. the Quaker City, Mark Twain

Answer: The Innocents Abroad

## G.A.T.A. 1993 State Tournament - Round 8

Copyright 1993 - Independent Buzzer Association

T7. The two largest towns are St. Helier and St. Peter Port. They include Lihou, Jethou, Herm, Little Sark, Great Sark, and Aldernay, as well as the two largest islands. For 10 points, name this autonomous British possession near the French coast.

Answer: the Channel Islands

B7. Identify the following German cities from brief descriptions. 10 pts. each.

1. Located on the Spree River, it has a population of about 3.5 million

Answer: Berlin

2. It is the capital and largest city of the state of Bavaria

Answer: Munich or Munchen

T8. They develop on a river floodplain when a change in course cuts off and isolates one or more meander loops of a river system. For 10 points, identify this type of c-shaped lake.

Answer: oxbow

B8. Answer the following questions about the coordinate system of the earth.

1. For 5 points, what name is given to the line of longitude zero?

Answer: Prime Meridian

2. For 5 points, through the observatory of what London borough does the prime meridian pass?

Answer: Greenwich

3. For 10 points, how many degrees of longitude are in each time zone?

Answer: 15

T9. By the age of 12 he was already an assistant to the organist Christian Gottlob Neefe with whom he studied. For 10 points, identify this composer of the ballet "The Creatures of Prometheus", the oratorio "Christ on the Mount of Olives" and the sonata Appassionata.

Answer: Ludwig von Beethoven

B9. Give the English title of the following Stravinsky ballets for 10 pts. each.

1. Le Sacre du Printemps

Answer: Rite of Spring

2. L'Oiseau de feu

Answer: Firebird

## **G.A.T.A. 1993 State Tournament - Round 8**

Copyright 1993 - Independent Buzzer Association

T10. It tells the story of an embittered old man who is given new life by his discovery of an abandoned baby girl. For ten points, name this 1861 novel, subtitled "The Weaver of Raveloe" by George Eliot.

Answer: Silas Marner

B10. Answer the following questions about Shakespeare's The Comedy of Errors.

1. For 10 points, in what city is the play set?

Answer: Ephesus, Syracuse

2. The play contains two sets of twins, each set identically named. For 5 points each, give the names of the two sets of twins.

Answer: Dromio, Antipholus

T11. Aroused by an unprovoked massacre at Sand Creek in 1864, this Plains Indian tribe waged war with Americans and participated in the battle of the Little Bighorn in 1876. They surrendered, and were forced onto reservations the following year. For 10 points, name the tribe, which shares its name with a state capital.

Answer: Cheyenne

B11. For 5 points, given a famous Native American, identify the tribe of which he was a member.

1. Tecumseh

Answer: Shawnee

2. Chief Joseph

Answer: Nez Perce

3. Sitting Bull

Answer: Sioux (Hunkpapa Lakota)

4. Osceola

Answer: Seminole

T12. This physical principle states that every point on an advancing wavefront serves as the source of new waves. For ten points, name this law, named for the 17th century Dutch physicist who first stated it.

Answer: Huygens's Principle

B12. For 5 points each, identify the SI unit used to measure the following.

1. Energy

Answer: joule

2. power

Answer: watt

3. pressure, measured in newtons per square meter

Answer: pascal

4. unit of resistance

Answer: ohm

## G.A.T.A. 1993 State Tournament - Round 8

Copyright 1993 - Independent Buzzer Association

T13. As you probably know, several of the days of the week are named for Norse deities. For 10 points, what is the only day of the week whose name originates in Roman mythology?

Answer: Saturday

B13. In Latin, give the following grammatical cases of nouns for 10 points each given a brief description.

1. this form indicates "away from"

Answer: ablative

2. this form indicates place

Answer: locative

T14. Distinctions are made between fixed and circulating and in financial circles it can merely refer to invested funds. For 10 points, what is this term which was applied by classical economists to the "produced means of production"?

Answer: capital

B14. Identify the following discredited laws of economics for 10 points each.

1. Named for the Frenchman who stated it, this law says that production creates its own demand.

Answer: Say's Law

2. Named for a 16th century Englishman, this law states that "bad money drives out good".

Answer: Gresham's law

T15. It is poisonous in large quantity, but as a trace element, it is essential to plant and animal growth. It was first observed in 1811 by a saltpeter manufacturer who found it as a precipitate in acid washed seaweed ashes. For 10 points, identify this halogen with atomic number 53.

Answer: iodine

B15. For 5 points each, give the chemical formula and the charge on the following ions. Don't forget to indicate the sign of the charge as positive or negative.

1. dichromate

Answer: Cr<sub>2</sub>O<sub>7</sub> - minus 2

2. permanganate

Answer: MnO<sub>4</sub> - minus 1 or minus

## **G.A.T.A. 1993 State Tournament - Round 8**

Copyright 1993 - Independent Buzzer Association

T16. The term was first used during the Renaissance to refer to all monuments from the Middle Ages because they were believed to be the works of Barbarians. Later, however, the term came to be reserved for works following the Romanesque period and preceding the Renaissance. For 10 points, what is this style of architecture exemplified by St. Denis and Chartres?

Answer: Gothic

B16. For 10 points each, identify the architects who designed the following.

1. Guggenheim Museum

Answer: Frank Lloyd Wright

2. Wainwright Building

Answer: Louis Henry Sullivan

T17. This phylum has three subphyla: Tunicata, cephalochordata, and vertebrata. For ten points, name it.

Answer: Chordata

B17. Identify these divisions of the plant kingdom for 10 points each.

1. This division of the plant kingdom includes all the seed bearing plants with roots, leaves, stems, and flowers.

Answer: Spermatophyta or spermatophytes

2. This division of the plant kingdom is a group of small multicellular green plants with widely differing habitats. It consists of the mosses and liverworts.

Answer: bryophyta or bryophytes

T18. The characteristic is that portion of a logarithm which precedes the decimal point. For 10 points, what term is applied to the portion that follows the decimal?

Answer: mantissa

B18. For 10 points each, identify these other mathematical terms that begin with "m".

1. This term is applied to a quantity, be it a function or series which increases or decreases but not both.

Answer: monotonic

2. It is the member of a series of measurements that occurs most often.

Answer: mode

T19. His lesser known works include Damaged Goods, The Profits of Religion, King Coal, The Goose-Step, The Brass Check, and They Call Me Carpenter. For 10 points, identify this American muckraker, the author of The Jungle.

Answer: Upton Sinclair

B19. Identify these novels by Thornton Wilder for 10 points each. 1. It is the only novel for which he won the Pulitzer Prize.

Answer: The Bridge of San Luis Rey

2. This 1948 novel deals with the last months of the life of Julius Caesar.

**G.A.T.A. 1993 State Tournament - Round 8**

Copyright 1993 - Independent Buzzer Association

Answer: The Ides of March

**G.A.T.A. 1993 State Tournament - Round 8**

Copyright 1993 - Independent Buzzer Association

T20. Pencil and paper ready. For 10 points, ignore the arbitrary constant and give the definite integral of 1 over x-squared dx.

Answer:  $-\frac{1}{x}$  or  $-x^{-1}$  [negative one over x or negative x to the negative one]

B20. Give the slope of tangents to the following functions at the following points. 10 pts. each.

1.  $y=x^3 + 5x + 7$  at the point  $x=2$  Answer: 17

2.  $y=\sin(x)$  at the point  $x=\pi$  Answer: -1 [negative one]

T21. Born in Alexandria, he lived in the second century A.D. and compiled a geocentric compendium of astronomic knowledge that dominated the field until the time of Copernicus. For 10 points, identify this author of the Almagest.

Answer: Ptolemy

T22. The name of these vehicles comes from the word inscribed on the crates in which they were shipped to France in World War I. For 10 points, identify these vehicles, 49 of which first saw action on September 15, 1916 in the Battle of the Somme.

Answer: tanks