

Georgia Tech High School Bowl Toss-Up Round 1

1. After almost a century of bickering and occasional armed skirmishes between the colonies of Pennsylvania and Maryland, the two colonies agreed in 1760 to settle their dispute. The result was the hiring of two British surveyors to mark the parallel of 30 degrees 43 minutes 17.6 seconds north. For 10 points, identify this now famous boundary that bears the name of the two men who laid it out.

Answer: Mason-Dixon line

2. In contrast to Phidias' sculptures at the Parthenon, Skopas' figures for this wonder of the ancient world are harsher and more dramatic. Located in Ionia, it was build for a satrap of Caria by his wife, Queen Artemisia. For 10 points, identify this structure whose occupant has lent his name to all subsequent tomb monuments.

Answer: Mausoleum at Halicarnassus

3. It was the first disease in which a particular bacterium was shown to be the causative agent and had one of the earliest effective vaccines. For 10 points, what is this rare bacterial disease, the cause of which was isolated by Robert Koch and which can be picked up from spores found on infected cattle and sheep.

Answer: anthrax

4. It was adapted to the stage by George L. Aiken and first performed in September 1852 in Troy, New York. The book had first appeared earlier that year and within a year had sold over 300,000 copies. For 10 points, identify this American novel that was the first to portray blacks as individuals and not as stereotypes.

Answer: Uncle Tom's Cabin

5. It located on Elliot Bay and built on Seven Hills between the Olympic Mountains and the Cascades. Its largest factory is a plant of the Boeing company and it is a major Pacific port. For 10 points, identify this city settled on Alki point in 1851, the home of the University of Washington.

Answer: Seattle

6. The modern version is made of hard wood with an outer rim of metal, while in ancient times it was made of stone. In 1962, Al Oerter became the first person to hurl one more than 200 feet. For 10 points, what are these implements thrown by ancient Greeks that today are an important part of track and field events.

Answer: discus

7. (JRD510.12) While on a tour of Europe with Horace Walpole in 1741, he and Walpole had a disagreement that was not resolved until 1745. For 10 points, identify this professor of modern languages and history at Cambridge best known for the 1751 poem, *Elegy Written in a Country Churchyard*.

Answer: Thomas Gray (1716-1771)

8. (JRD510.7) In 1906, following the request of its duly elected president for help, President Roosevelt replaced him with a U.S. governor, Charles Edward Magoon. For 10 points, identify this nation whose constitution provided for this intervention by the 1902 incorporation of the Platt Amendment.

Answer: Cuba

9. Their name is derived from the Greek words meaning "salt-producing" and while they are not found free in nature, their compounds have been known and used since ancient times. For 10 points, what is this group of elements of group VIIA that includes Bromine, Chlorine, and Fluorine.

Answer: halogens

10. He showed an amazing talent for music early in life, playing a difficult concerto in public at the age of 8 and publishing his first work at the age of 15. Though he lived only 39 years, dying in 1839 from tuberculosis he left behind numerous works for the piano. For 10 points, identify this composer whose polonaises and mazurkas reflect his Polish heritage.

Answer: Frederic Chopin

11. (JRD520.12) In 1893, with Josef Breuer, he published *The Psychical Mechanism of Hysterical Phenomenon* which was based on Breuer's treatment of a girl simply by having her talk about her problem. For 10 points, identify this man who from 1892 to 1895 used free association to develop his technique of psychoanalysis.

Answer: Sigmund Freud

and established the Vasa dynasty. The second ruled from 1611 to 1632 and was a great military success during the Thirty Years War. For 10 points, what is this common name of Swedish kings.

Answer: Gustavus

13. This South American nation was inhabited by the Araucanian Indians, the only tribe never conquered by the Spaniards and a few hundred thousand of them live there today. For 10 points, identify this long narrow nation that lies between the Andes and the Pacific Ocean.

Answer: Chile

14. (JRD514.13) Beginning in 1920, he played small parts in the theater and silent films for a decade until he won recognition in an LA stage production of "The Last Mile". In 1931, he made his talking picture debut in "The Painted Desert". Three years later, he was established as one of Hollywood's leading stars after both he and his co-star won Oscars for "It Happened One Night". For 10 points, identify this actor most famous for his role of Rhett Butler in "Gone With the Wind".

Answer: Clark Gable

15. (JRD510.5) It has the shape of a mountain divided into seven terraces. At the peak is the divine forest of earthly paradise and on its seven levels are punished the seven deadly sins. For 10 points, identify this region where Virgil leaves Dante and is replaced as guide by the fair Beatrice.

Answer: Purgatory or Pergatorio

16. (JRD518.4) The indices bearing this name are a system of numbers indicating the angles that the planes of a crystal make with its axis. It is also the name of a drunken storyteller from Chaucer who treats the pilgrims to a ribald tale of an old carpenter cuckolded by his young wife. For 10 points, what is this name common to several writers including the authors of Life Among the Modocs, The Air-Conditioned Nightmare, and Death of a Salesman.

Answer: Miller

17. In addition to fame and a ticker-tape parade, he was rewarded with a \$25,000 prize offered by Raymond B. Orteig for the first to accomplish his feat. For 10 points, identify this man who in travelling from Roosevelt Field to Le Bourget Field became the first man to fly solo across the Atlantic Ocean.

Answer: Charles Lindbergh

18. Pencil and paper may be necessary. If the derivative of  $f(x)$  is  $8x^2$  plus  $7x$  plus 1 and the derivative of  $g(x)$  is  $2x^2$  plus  $3x$  plus 2. For 10 points, what is the derivative of the difference  $f(x)$  minus  $g(x)$ ?

Answer:  $6x^2$  plus  $4x$  minus 1

19. It was mostly drunk until the Dutchman C.J. Van Houten revolutionized the industry by inventing a press that squeezed the rich butter out of the beans from which it was made. For 10 points, identify this favorite flavor of beverage for the Aztec ruler Montezuma that is today a velvety smooth rich candy product.

Answer: chocolate

20. (JRD513.4) Written from 1913 to 1927, it has cast of two hundred characters and through the eyes of its central observer, shows with excruciating slowness the decadence and death of a society. For 10 points, identify this series centered on Marcel, written in seven parts by Marcel Proust.

Answer: Remembrance of Things Past

1. 30-20-10 Identify the architect from the clues given.

- a) This architect designed the generic Prairie House and the unbuilt Broadacre City
- b) He designed the Robie House and the Johnson Wax Building
- c) He designed the house Falling Waters and the Guggenheim Museum

A: Frank Lloyd WRIGHT

2. (30 points) For 10 points each, answer the following questions about the Roman orator Cicero.

1. In 63 A.D. he reached the pinnacle of his career by winning what office, the highest in the Roman Republic?

Answer: consul or consulate or consulship

2. Cicero's chief rival in the election for the consulship was a revolutionary with a large following among the Roman mob. For 10 points, identify this man who led a conspiracy to murder Cicero that failed.

Answer: Cataline

3. Against what man did Cicero deliver the scathing orations known as the Philippics?

Answer: Marc Antony

3. (30 points) Answer the following questions about the immune system for 15 points each.

1. The proteins called antibodies are produced by the body in response to foreign proteins produced by viruses, bacteria and other organisms. For 15 points, what are these foreign proteins called?

Answer: antigens

2. Macrophages in the immune system use this process of engulfing foreign bodies to help cleanse the body. For 15 points, what is it?

Answer: phagocytosis

4. (30 points) It tells the story of a young United States naval officer who was on trial for treason. At the trial he said that he never wished to hear the name of the United States again and for the 57 remaining years of his life that was the case. First, for 10 points, identify this 1863 story.

Answer: The Man Without a Country

2. For an additional 10 points, who wrote The Man Without a Country?

Answer: Edward Everett Hale

3. For a final 10 points, what character was literally The Man Without a Country?

Answer: Philip Nolan

5. (30 points) 30-20-10 Identify this city.

1. It was founded in 600 BC by Greek colonists from Phocaea in Asia Minor and for several hundred years thereafter was known as Massalia.

2. It is located on the Gulf of Lyons and is the second largest city in France.

3. It lent its name to the French national anthem because the song was first sung by troops from this city.

Answer: Marseilles

6. (30 points) 30-20-10 Identify this sporting event.

1. The first modern winner was Spiridon Loues in 1896.

2. In 1964 in Tokyo Bikila Abebe set an Olympic record in this event.

3. It was originally run by the Greek Pheidippides in 490 BC.

Answer: Marathon

7. (30 points) For 15 points each, identify these works by Alexander Pope.

1. Written in 1712, it was suggested to Pope by a silly quarrel between Lord Peter and Mrs. Arabella Fermor. It was cast in the form of a mock epic.

Answer: The Rape of the Lock

2. Written in 1734, Pope expressed the philosophical viewpoint that "The proper study of Mankind is Man" in this work.

Answer: Essay on Man

8. (30 points) 30-20-10 Identify this state.

1. In the early 1850's Ole Broneman Bull, a Norwegian musician, bought 125,000 acres in the western portion of this state. The area was to be called Oleana and be settled by immigrants from Norway.
2. It was in this state that the first oil well was drilled at Titusville.
3. It is the birthplace of James Buchanan and the site of Valley Forge.

Answer: Pennsylvania

9. (25 points) There are four chemical elements whose names begin with the letter "I". For 5 points each and a bonus for getting all four, name the four elements that begin with "I".

Answer: Iron, Indium, Iodine, Iridium

10. (30 points) Identify these Italian operatic composers from works 5-10-15.

1. (5 pts) La Traviata Answer: Giuseppe Verdi
2. (10 pts) The Girl of the Golden West Answer: Giacomo Puccini
3. (15 pts) The Elixir of Love Answer: Gaetano Donizetti

11. (30 points) For 10 points, answer the following questions about children.

1. First, what English poet wrote the line "The Child is the Father of the Man"?

Answer: William Wordsworth

2. For 20 points, what Swiss psychologist studied the development of intelligence in children and wrote "The Language and Thought of the Child" in 1926?

Answer: Jean Piaget

12. (30 points) For 10 points each, answer the following questions about Charlemagne.

1. For 10 points, what Frankish ruler was his father?

Answer: Pepin the Short or Pepin III

2. For 10 points, who was his brother who inherited half his father's kingdom in 746?

Answer: Carloman

3. For a final 10 points, name his only surviving son who inherited his empire.

Answer: Louis the Pious or Louis I

13. (30 points) The Guiana region of South America contains three nations nestled between Brazil and Venezuela. Guyana is obviously one of them.

1. For 5 points each, name the other two nations in Guiana.

Answer: Surinam, French Guiana

2. For 5 points, of what nation was Surinam a colony?

Answer: the Netherlands or Holland

3. For 5 points each, name the capitals of Guyana, Surinam, and French Guiana.

Answer: Guyana - Georgetown, Surinam - Paramaribo, French Guiana - Cayenne

14. (30 pts.) Identify these actors who have won multiple Oscars for ten points each.

1. He won two Oscars for the films Boys Town and Captains Courageous.

Answer: Spencer Tracy

2. He won three Oscars, two for Best Actor and one for Best Supporting Actor, for the films One Flew Over the Cuckoo's Nest, As Good as it Gets, and Terms of Endearment, respectively.

Answer: Jack Nicholson

3. He won two Oscars for the films Kramer vs. Kramer and Rain Man.

Answer: Dustin Hoffman

15. (30 points) Identify the following Latin doctors of the Church for 10 points each.

1. This Bishop of Milan taught St. Augustine, another of the Latin doctors.

Answer: St. Ambrose

2. This 4th century Saint produced the Vulgate translation of the Bible.

Answer: St. Jerome

3. This pope from 590 to 604 was the first monk to be elected to the papacy.

Answer: St. Gregory the Great or Gregory I

16. (30 pts.) Identify this playwright given titles of his drama, 30- 20-10.

1. Bound East for Cardiff, The Web, and Dynamo
2. Lazarus Laughed; The Hairy Ape; Ah, Wilderness!
3. The Iceman Cometh, Mourning Becomes Electra, and All God's Chillun Got Wings.

Answer: Eugene O'Neill

17. (30 points) Answer the following questions about famous members of the Wampanoag tribe of Native Americans.

1. For 10 points, in what U.S. did settlers first encounter the Wampanoag?

Answer: Massachusetts

2. For 10 points, what chief of the Wampanoag signed the treaty of alliance with the Plymouth colony that held until his death in 1661?

Answer: Massasoit

3. For a final 10 points, identify the son of Massasoit who in 1675-1676 led a war against the white settlers of Massachusetts.

Answer: King Philip or Metacomet

18. For ten points each, identify the city in which treaties ending the following wars were signed.

- |                         |                        |
|-------------------------|------------------------|
| a) American Revolution  | A: PARIS               |
| b) War of 1812          | A: GHENT               |
| c) Mexican-American War | A: GUADELOUPE- HIDALGO |

19. (30 pts) For ten points each, identify the Henrik Ibsen play given a brief description of its plot.

1. The one word title of this Ibsen play refers not only to the disease passed on to Mrs. Alving's son Oswald by her deceased husband but also to the dead conventions and beliefs that led her to conceal the truth that kept her from living "for the joy of life."

Answer: Ghosts

2. The title character of this play is a ruthless, neurotic woman bored with her dull, scholarly husband, repelled by the idea of her possible pregnancy, and concerned that she may have to forgo certain luxuries if her husband fails to be appointed a professor at the university.

Answer: Hedda Gabler

3. A satire on meddling, half-baked idealists, a poetic fantasy of illusions, and a realistic tragedy of human weakness, all unified by the symbolism of the title creature, it is one of Ibsen's most complex and compelling dramas.

Answer: The Wild Duck

20. (30 points) 30-20-10 Identify this game.

1. In 1547, the first description of it appeared in a book written by Torquemada in Spain and it is believed to have originated there, at least in its modern form.
2. In England it is called draughts, in France jeu des dames, and in Germany Damenspiel.
3. It is played with two sets of 12 pieces on a board of sixty four squares.

Answer: checkers