

## Tossups by Robert Trent for 1998 Tennessee Masters (II)

1. It spans the Derwent River, and Mt. Wellington can be seen from its center near Battery Point. Risdon Cove serves as a fine harbor, one that led Colonel David Collins to found this city in 1804, making it the second oldest in Australia. FTP, name this capital city of the state of Tasmania.

answer: Hobart

2. If sodium phenoxide undergoes carboxylation under the Kolbe-Schmitt process, the product is this substance. Often this product is further acetylated by the addition of diethyl ether. After this, it can be placed as the active ingredient in aspirin. FTP, name this substance.

answer: acetylsalicylic acid

3. According to legend, he was the last British child touched for scrofula when Anne did it. In 1737, he composed the tragedy *Irene* and went to London, the subject of his first successful poem. In 1765, his *Preface to Shakespeare* defended the bard against not following Aristotelian unities. He is best remembered for his *Dictionary of the English Language* and for his friendship with Boswell. FTP, name this Great Cham of Literature.

answer: Samuel Johnson

4. This political entity was founded in 1912 by J.W. Dube. Later, a more radical wing called Umkhonto Wesize was formed, despite Albert Luthuli's reticence about possible violence. Nelson Mandela became closely associated with this group and remains a member. FTP, name this political organization.

answer: African National Congress or ANC

5. He applied his talented mind to many things, such as serving the pharaoh as prime minister. He was Zoser's court physician and built for him the first pyramid, Zoser's step pyramid at Saqqara. Upon his own death, he was deified as the Egyptian god of healing. FTP, name this person.

answer: Imhotep

6. They were first patented by a Dutch inventor in 1894, but weren't widely used until 1985. They have a hinge, which allows the heel to detach and the blade to remain on the ice longer, and they produce a characteristic sound. FTP, name this device which made M-waves in Nagano.

answer: clap skate

7. He introduced the use of sigma for summation, the Greek letter pi for 3.14 etc., i for the square root of -1, and f(x) to denote a function. In 1727, he also found the base of the natural logarithm, which he called e. FTP, name this Swiss-born mathematician.

answer: Leonard Euler

8. According to Pope, it allowed no enjambment between the lines of iambic pentameter. The rhyme in one will express one complete thought. Also called, epic, it is a 2-line stanzaic form Pope liked to employ. FTP, name it.

answer: heroic couplet (accept epic couplet before "epic" is mentioned)

9. He retired to his castle at Salona after he had named Galerius and Constantius as subemperors and Maximian as co-emperor. His original co-emperor, Carinus, was killed in 285, so he is considered the successor to Numerian. As emperor, his bad economic policies and persecutions of the Christians marred his reign. FTP, name him.

answer: Diocletian

10. He opposed Cartesian dualism for one of a "life force" and the resistance of matter to that force. He also championed perception over ontological reality when it comes to time, which for him was expressed as a duration in terms of life experience, explained in *Time and Free Will* and *Creative Evolution*. FTP, name this French philosopher.

answer: Henri Bergson

11. Euclid uses a slate to show a theorem on the right. Pythagoras does the same at lower left. In the center, Aristotle holds *Ethics* and points at the earth, while Plato, holding *Timæus* points to the heavens as the source of ideas. FTP, name this painting by Raphael.

answer: The School of Athens

12. Deficiencies in this hormone can cause muscle problems; high levels can lead to bone degeneration because it decreases phosphate concentrations and increases calcium absorption in the intestines and kidneys. FTP, name this product of the parathyroids.

answer: parathormone

13. This woman's fiance broke their engagement when she demanded that he jump over a horse whip. She flirts with the footman Jean at a servant's party, but her contempt for men and for the lower classes spurs her suicide. FTP, name this title character of a Strindberg play.

answer: Miss Julie (or Froken Julie)

14. In 1871, he published *Pike County Ballads*. Having served as an assistant secretary to Lincoln, he later negotiated treaties with Colombia and Panama for a U.S. canal site. He also expanded trade in China with his Open Door policy. FTP, name this Secretary of State under Teddy Roosevelt.

answer: John Hay

15. The name means "sectarians," and they believe that the 12th imam will be the Mahdi. They add Ali is the friend of Muhammad to their profession of faith. FTP, name this Islamic sect dominant in Iran and Iraq.

answer: Shi'a or Shi'ite

16. President-elect Raul Cubas has pledged to end the raids by extremists from Ciudad del Este into Brazil and Argentina. Instead, he hopes to end sectarian violence that has plagued the nation since Stroessner's exile. FTP, name this nation with its capital at Asuncion.

answer: Paraguay

17. In October 1997, Don Figer used Hubble photographs to discover it near the core of the Milky Way. It has over 100 solar masses and received its name from the shape of the embracing gas cloud and for its powerful shine. FTP, name this superstar.

answer: Pistol Star

18. He takes his young bride Marceline to north Africa, where he has an identity crisis. Upon his return to France, his friend Menalque convinces his to rise above conventional good and evil and to embrace his homosexual nature. FTP, who is this subject of a 1902 tale by Andre Gide?

answer: The Immoralist (L'Immoraliste) (accept Michel)

19. Its four biggest decisions were a representative government in Poland, a founding conference for the UN, the USSR would enter the war against Japan, and a four-power occupation of Germany. This 1945 meeting saw the Big Three of Roosevelt, Churchill, and Stalin in the Crimea. FTP, name this World War II conference.

answer: Yalta Conference

20. The first in 1932 received its name from Marcel Duchamp. It was several colored metal pieces attached by wires designed by Alexander Calder. FTP, name this creation now above many cradles.  
answer: mobile

21. They can be explained by a modified form of Ampere's law, by Faraday's law, by Gauss' law, and by Gauss' law for magnetic fields. They were stated in 1864 and explain electromagnetism. FTP, name these equations.  
answer: Maxwell's equations

22. In 1623, he was granted Avalon Peninsula, Newfoundland, but his colony there foundered. In 1632, James I granted him a territory designed to be a haven for Catholics in America. FTP, name this proprietor of Maryland.  
answer: George Calvert or Lord Baltimore

## Bonuses by Robert Trent for 1998 Tennessee Masters (II)

1. Identify these Athenian statesmen, for 10 points each.

A. He won a victory at Sphacteria (425 BC) and became a vulgar demagogue according to Thucydides and Aristophanes.

answer: Cleon

B. Flourishing c. 621 BC, he codified Athenian law, prescribing harsh punishments for violators.

answer: Draco

C. Made tyrant in 560 BC, he oversaw editions of Homer and established drama contests.

answer: Pisistratus

2. Identify these characters from the *Arabian Nights*, for 10 points each.

A. This young Baghdad merchant is the hero of "The Sleeper Awakened." While asleep, he is taken to the palace of Harun-al-Rasheed and treated as the caliph as a joke, but the real caliph accepts him as a favorite.

answer: Abu Hassan

B. He is the son of a poor Chinese tailor who retrieves an object from a cave for an African magician; he does not give it to the magician and eventually marries Badrulbudur, the sultan's daughter.

answer: Aladdin

C. This sultan is the husband Scheherezade is trying to sway with her tales.

answer: Schahriah

3. Yes, all those Italian Renaissance and Mannerist painters did Madonnas. Name the creators of the following.

A. For 5: *Madonna of the Rocks*

answer: Leonardo da Vinci

B. For 10: *Madonna of the Harpies*

answer: Andrea del Sarto

C. For 5: *Madonna of the Long Neck*

answer: Parmigianino

D. For 10: *Madonna of the House of Pesaro*

answer: Titian

4. Name these people important in the development of set theory, for 10 points each.

A. This Russian-born mathematician is considered the founder of set theory because of his papers published in Crelle's journals.

answer: Georg Cantor

B. This Briton discovered the paradox which bears his name in May 1901, while working on his *Principles of Mathematics* (1903). The paradox arose in connection with the set of all sets which are not members of themselves. Such a set, if it exists, will be a member of itself if and only if it is not a member of itself.

answer: Bertrand Russell

C. In 1908, he attempted to axiomize set theory with seven axioms: axiom of extensionality, axiom of elementary sets, axiom of separation, power set axiom, union axiom, axiom of infinity and axiom of choice, which came to be named for him.

answer: Ernst Zermelo

5. Given a biblical event, name the Biblical book in which you'd find it, for 10 points each.

A. Elijah chides Ahab and Jezebel

answer: I Kings

B. Thomas doubts that Christ is resurrected

answer: The Gospel of John

C. Stephen becomes the first Christian martyr

answer: Acts of the Apostles

6. Name these shogunates from Japanese history, for 10 points each.

A. Founded by Ieyasu, this shogunate was finally ousted by the Meiji Restoration.

answer: Tokugawa

B. In 1333, the Kamakura-based powers were overthrown by Takauji, whose shogunate lasted until 1573 and who moved the centers of power to Kyoto.

answer: Ashikaga

C. In 1192, this Minamoto clan leader was the first to assume the title shogun given by the emperor.

answer: Yoritomo

7. Given synopses, name the Ernest Hemingway stories, for 10 points each.

A. A couple at a Paris cafe reflects on their past relationship and the woman's resultant abortion.

answer: Hills Like White Elephants

B. An American couple goes on safari with the Englishman Wilson. The American man is a coward, but tries to redeem himself when a wild buffalo charges; however, his wife shoots him instead.

answer: The Short, Happy Life of Francis Macomber

C. The writer Harry dies of gangrene after seeing a fabled frozen leopard while on safari with his former lover.

answer: The Snows of Kilimanjaro

8. Given three famous opera characters, name the range in which they are supposed to be singing, for 10 points each.

A. Hoffman in *Tales of Hoffman*, Radames in *Aida*, and Peter Grimes

answer: tenor

B. Rigoletto, Eugene Onegin, Wozzeck

answer: baritone

C. *William Tell*, Bluebeard in *Bluebeard's Castle*, Mephistopheles both in *Faust* and *The Damnation of Faust*

answer: bass

9. Given two cities, name the kind of biome they are in, for 10 points each.

A. Nuuk, Anchorage answer: tundra

B. Vancouver, Vladivostok answer: taiga

C. Alice Springs, Bamak answer: desert

10. Identify these figures from the Judgment of Paris. For 10 points each.

A. Identify either the bride or groom at whose wedding the whole trouble started.

answer: Peleus or Thetis

B. What goddess threw the Apple of Discord marked "For the Fairest"?

answer: Eris or Ate

C. For 5 points each—name any two of the three goddesses who vied for the apple and Paris' judgment.

answer: Hera, Athena, Aphrodite

11. Name these entities involved in the Napoleonic Wars, for 10 points each.

A. This 1802 Treaty supposedly ended war with Britain, but Britain broke the treaty and war resumed.

answer: Treaty of Amiens

B. This single year saw two of Napoleon's greatest victories--at Ulm and Austerlitz.

answer: 1805

C. This June 1815 battle preceded Waterloo and followed the campaign at Quatre Bras. it was Napoleon's last gasp at victory.

answer: Ligny

12. Those darned English Romantics! Given an ode, name the author, for 5 points each.
- A. "Dejection: an Ode" answer: Samuel Taylor Coleridge
- B. "Ode on a Distant Prospect of Eton College" answer: Thomas Gray
- C. "Ode to the West Wind" answer: Percy Bysshe Shelley
- D. "Ode on the Poetical Character" answer: William Collins
- E. "Ode to Autumn" answer: John Keats
- F. "Ode: Intimations of Immortality" answer: William Wordsworth
13. Given a Mexican city along the U.S. border, name the U.S. city and state across the border from it.
- A. For 5, Ciudad Juarez answer: El Paso, TX
- B. For 10, Mexicali answer: Calexico, CA
- C. For 5, Matamoros answer: Brownsville, TX
- D. For 10, Nogales answer: Nogales, AZ
14. Given the theoretical quark composition of a particle, name that particle, for 10 points each.
- A. A charm-anticharm combination answer: J/psi meson
- B. A strange or anti-strange quark appears in this meson. answer: k or kaon
- C. Two up quarks and one down quark answer: proton
15. Given a role from TV, name the person who has become even more famous since then, for 5 points each and a 5-point bonus for all correct.
- A. A homeless youth on the last season of *Growing Pains*  
answer: Leonardo diCaprio
- B. Penny, the abused girl who becomes Wilona's daughter on *Good Times*  
answer: Janet Jackson
- C. The lame jokemeister for the governor on *Benson*  
answer: Jerry Seinfeld
- D. Cowboy Curtis from *Pee-Wee's Playhouse*  
answer: Laurence Fishburne
- E. Carol's boyfriend who dies in a drunk driving accident on *Growing Pains*  
answer: Matthew Perry
16. Identify these slave revolts in the U.S., for stated number of points.
- A. For 10 points, in 1800, this South Carolina slave bought his freedom. In 1822, he was hanged for leading a violent insurrection against slaveholders.  
answer: Denmark Vesey
- B. For 15 points, in 1800, this 24-year old free black led an assault on Richmond. The rebellion terrified many Southerners, and he was hanged at the personal order of Governor James Monroe.  
answer: Gabriel Prosser
- C. For 5 points, this Northampton, Virginia slave, led a bloody 1831 rebellion.  
answer: Nat Turner
17. Name these Compsons from *The Sound and the Fury*, for 10 points each.
- A. She has allowed herself to get pregnant. She is last seen in Paris during the German occupation.  
answer: Candace or Caddy
- B. He tries to absolve Caddy's sexuality, but commits suicide at Harvard.  
answer: Quentin
3. He is christened Maury, but is renamed. He is the first narrator.  
answer: Benjamin or Benjy

18. Randolph Caldecott was a famous British illustrator. Given a book, name the British illustrator, for 10 points each.

A. *The Tailor of Gloucester*

answer: Beatrix Potter

B. *Through the Looking Glass*

answer: John Tenniel

C. Oscar Wilde's *Salome*

answer: Aubrey Beardsley

19. Identify the scientist from clues, 30-20-10.

A. In 1939, he and Bloch measured the magnetic moment of the neutron.

B. In, 1947, he built a proton linear accelerator, which aided his bubble-chamber technique in particle physics.

C. He also postulated that a comet or asteroid collision had killed the dinosaurs

answer: Luis Alvarez

20. Here's a bonus that mixes history with current events.

A. For 5, This mammoth U.S. aircraft carrier was found at the bottom of the Pacific after having been sunk in a May 1942 battle.

answer: USS Yorktown

B. For 10 points, the *Yorktown* was sunk during this crucial battle.

answer: Midway

C. For 15, the team that found the *Yorktown* was headed by the same man who found the *Titanic* and the *Bismarck*. Name him.

answer: Robert Ballard