

**Vanderbilt Quiz Bowl  
Fall Collegiate Invitational**

**Round 11**

**Tossups**

1. **A young girl by the name of Lieschen has a little addiction. Her father, Herr Schlendrian, promises her a husband if she cuts back, but she ends up with both a brand new hubby and a marriage (\*) contract that allows her to continue her three-cup-a-day habit. FTP, name this caffeinated vocal piece by J. S. Bach.**

**Answer:** *The \_Coffee Cantata\_*

2. **This poet married the appropriately named Dorothy Shakespear, and was once committed to St. Elizabeth's Hospital in Washington, D.C. It wasn't for his poetry like (\*) *Exultations* but for broadcasting Fascist propaganda in WWII. FTP, name the poet of the *Cantos*.**

**Answer:** Ezra \_Pound\_

3. **The Norse people of Scandinavia knew drawings of this mathematical structure as "walknot" – the knot of the slain. Common multidimensional occurrences, (\*) "Borromean rings," consist of three interlocking, structurally dependant loops. This complex structure projects into two dimensions as, FTP, what three-circle logical construction?**

**Answer:** \_Venn diagram\_ (accept early: \_Borromean rings\_)

4. **William Lowndes of South Carolina submitted most of the legislation to Congress. Its economic provisions were based on strong protectionism of the Tariff of 1824, (\*) but its better known for the practical improvements suggested by the General Survey Bill and other road expansion packages. FTP, name the general economic outline proposed by Henry Clay.**

**Answer:** \_American System\_

5. **Its plot is derived from the story of "Giletta of Narbona" – the 9<sup>th</sup> tale of the third day of the *Decameron*. The secondary plot – and characters like Lafeu, Parolles, (\*) and the Clown – were new additions. FTP, name the Shakespeare play about the marriage between Helena and Bertram, companion to *Love's Labors Lost*.**

**Answer:** *\_All's Well That Ends Well\_*

6. **A graduate of Brown, it took him three tries to pass the bar exam. After a stint in the Manhattan DA's office, he entered (\*) the magazine business with the all-but-unreadable *George* and married Carolyn Bessette. FTP, what Massachusetts icon died in a plane crash in June?**

**Answer:** John F. \_Kennedy Jr.\_ or \_JFK Jr.\_

7. **Beginning as a civilian commander, widespread dissatisfaction forced him to learn military ways with great haste. Not subduing the nation until his 1590 defeat of the Hojo clan, he conquered southern (\*) Korea and ruled from the Kyoto palace of Momoyama. FTP, what Japanese ruler served between Oda Nobunaga and Tokugawa Ieyasu.**

**Answer:** \_Hideyoshi\_ Toyotomi

8. **It ends with a myth that says it is better to be just than unjust, as illustrated by the story of the warrior Er. (\*) Elsewhere in the text, the use of mild censorship and slightly eugenic principles are advocated for the creation of a commanding race of "philosopher kings." FTP, name this work by Plato.**

**Answer:** *\_Republic\_*

9. **It is analogous to the Paschen-Back effect, although it occurs at lower energy levels. Explained by quantum mechanics as a function of spin, the (\*) "anomalous" version of the phenomenon causes a tight**

dispersion pattern and the “normal” version results in three new lines. FTP, give the term describing the splitting of spectral lines in a magnetic field.

**Answer:** Zeeman effect

10. **The crab Oxyrhynchid ate his phallus and Malcandre, King of Byblos, buried him under a tamarisk tree. He suffered these ignominies after being (\*) killed – and later sliced into 14 pieces – by his obnoxious red-haired brother Set. FTP, name the god reincarnated by his wife Isis.**

**Answer:** Osiris

11. **The director of several commercials for the WNBA in 1997, he is better known for his work on the other side of the camera. His characters in the darkly comedic *The Search for One-eye Jimmy* (\*) and *Barton Fink* show him at his typecast worst. FTP, name the rather creepy star in *Desperado* and *Fargo*.**

**Answer:** Steve Buscemi

12. **Reputedly a cannibal, his work was denounced by Leon Trotsky. He used a polystyrene blend to paint the underwater picture of the rain god (\*) Tlaloc at the Lerma Waterworks, and caused quite a scandal when he included the words “God does not exist” on the Hotel del Prado wall. FTP, name this Mexican muralist.**

**Answer:** Diego Rivera

13. **He used 1,000 burning cats to take the city of Volohai, and soon swept through the Hsia His and Kara Khitai kingdoms. According to a Persian visitor at the time, (\*) 60,000 virgins hurled themselves from the city walls of Peking upon hearing news of his approach. FTP, name the man, born Temuchin, crowned head of all Mongols in 1206.**

**Answer:** Genghis Khan accept early: Temuchin

14. **Technically defined as “having one or more genes that have no allele counterparts,” some examples include white (\*) eyes (in fruit flies) and baldness, colorblindness, and hemophilia in humans. FTP, give the term for a sex-linked recessive gene.**

**Answer:** hemizygous (prompt on: sex-linked recessive gene)

15. **Born in 1822, he was a Unitarian chaplain of the Senate who founded the Emigrant Aid Company and wrote the book *Kansas* in the attempt to secure it as a free state. Author of short (\*) stories like *The Brick Moon* and the fictional biography *Franklin in France*, FTP, who wrote *The Man Without a Country*?**

**Answer:** Edward Everett Hale

16. **This group of subatomic particles is exceptionally odd – one of its five known inhabitants lacks spin, two are massless, two are extremely (\*) heavy, and the mass of the final member is still unknown. FTP, name the group that include the gluon, photon, W, Z, and Higgs particles.**

**Answer:** boson

17. **He first appeared in *Action Comics* #23 in 1940, and his rivalry with his city’s superhero began after a terrorist attack on his yacht led Mayor Berkowitz (\*) to arrest him for reckless endangerment. CEO of his own Metropolis-based company, FTP, who is locked in perpetual conflict with Superman?**

**Answer:** Lex Luthor

18. **Known to the Turks as Ege Denizi, its islands include Évvoia, the Sporades, Thásos, Khíos, and the Cyclades. It is connected to the Sea of (\*) Marmara by the Dardanelles Strait, and is named for a resident of Évvoia who threw himself into its waters when he saw his son Theseus’ black sails. FTP, name this Greek sea.**

**Answer:** Aegean Sea

19. **His 1954 album *Got My Mojo Working* brought that term into common use, and his other famous songs include *Honey Bee*, *Blue Sky*, (\*) and *I’m Your Hoochie Coochie Man*. Born McKinley**

Morganfield in Rolling Fork, Mississippi, his 1948 album *Rollin' Stone* is his most famous. FTP, name this Delta blues great.

**Answer:** Muddy \_Waters\_

20. Coordinated by the Western Hemisphere Division Branch Four of the CIA, the plan included the creation of radio stations, newspapers, and even comic books. After securing (\*) Nicaraguan support and softening up air defenses with eight B-26 raids, an attack force that included 5 tanks was launched at the south side of the island. FTP, name this horribly botched attempt to oust Fidel Castro.

**Answer:** \_Bay of Pigs\_ invasion

21. Books 1 and 2 deal with basic principles, Book 4 examines the pros and cons of mercantilism, and Book 5 deals with the (\*) economic decisions a sovereign must make – when to dispatch the army, who to tax, and so forth. FTP, name this early exposition of market capitalism, by Adam Smith.

**Answer:** *An Inquiry into the Nature and Causes of the \_Wealth of Nations\_*

22. Although the King of Spain sent him a pair of jackasses, his skillful speechmaking prevented an army riot in Newburgh, NY, in 1782. He created the analogy comparing the Senate (\*) to a “cooling saucer,” and got his start in public service fighting the French at Fort Mifflin. FTP, name the first President of the United States.

**Answer:** George \_Washington\_

23. His entourage included Tawrich, the personification of hunger, Aka Manah, of sensual desire, and Zarich, of aging. These were collectively known as (\*) the Daevas, and, with the female Drugs, and served his evil purposes. FTP, name this Zoroastrian deity.

**Answer:** \_Angra Mainyu\_ or \_Ahriman\_

24. The Otto cycle describes the action of this device, developed in 1861. Its practical efficiency is 0.3 – a good deal less than its theoretical (\*) 0.6 yield. It consists of four strokes of the piston for each explosion. FTP, name the machine used in most automobiles.

**Answer:** \_internal combustion\_ engine

25. Bertolt Brecht set his *Mother Courage* during this conflict, while Johann von Grimmelshausen provided a more immediate response to it with (\*) *Simplicius Simplicissimus*, a sentimental wartime picaresque. Schiller's *Wallenstein* dealt with, FTP, what war lasting from 1618 – 1648?

**Answer:** \_30 Years\_ War

26. He suffered a stroke during a 1998 interview with ESPN, and had a 20-4 all-time record in the Davis Cup. His eleven grand slam (\*) titles include sweeping the cycle in 1962 and 1969 – the only man to do it twice. FTP, name the legendary lefty Aussie.

**Answer:** Rod \_Laver\_

27. Popular belief held the central figure to be modeled upon a drowned prostitute – indeed, she is dirty, bedraggled, and quite deceased. A huge red (\*) cloth hangs over the top half of the painting, providing a backdrop for the mourners. FTP, name this Caravaggio work, whose main figure is surrounded by quietly mourning apostles.

**Answer:** *The \_Death of the Virgin\_*

28. It is a part of the larger state of Jammu, which also includes Gilgit, Kathua, and Ladakh. In 1947, (\*) it was ruled by a quasi-independent ruler, the Maharaja. FTP, name the mountainous province site of summer 1999 clashes between Pakistan and India.

**Answer:** \_Kashmir\_

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**Bonuses**

1. Identify these sociologists concerned with societal upheaval FTSNOP.

For 15, he differentiated between "Gemeinschaft" (community) and "Gesellschaft" (society) to explain the moral changes accompanying industrialization.

**Answer:** Ferdinand \_Tönnies\_

For 5, this famous German argued that bureaucracy was the basis modern life.

**Answer:** Max \_Weber\_

For 10, with his wife, this American describes the change from industrial to information-based society as the "third wave."

**Answer:** Alvin \_Toffler\_

2. FTP each, name these 2<sup>nd</sup> choice cabinet officials of Warren Harding.

His 2<sup>nd</sup> Secretary of the Treasury

**Answer:** Andrew \_Mellon\_

His 2<sup>nd</sup> Secretary of State

**Answer:** Charles Evans \_Hughes\_

His 2<sup>nd</sup> Secretary of Commerce

**Answer:** Herbert C. \_Hoover\_

3. Name these astronomy terms that begin with the letter "a" 5-10-15 each.

5 – This is a satellite's furthest point away from the body around which it rotates.

**Answer:** \_apogee\_

10 – It is the arc of the horizon measured clockwise from the southernmost point.

**Answer:** \_azimuth\_

15 – This is the ring of material that gathers around heavy objects like black holes.

**Answer:** \_accretion disk\_

4. FTP each:

This novelist wrote *A Room with a View*.

**Answer:** E. M. \_Forster\_

The Wilcoxes and the Schlegels interact at this titular country house.

**Answer:** *Howards End*

A trip to the Marabar Caves gets Dr. Aziz in trouble, but Adela Quested eventually tell the truth in this book.

**Answer:** *A Passage to India*

5. FTP each, answer these questions about the seedier side of being a Greek nymph.

The nymph Salmacis snagged this dude, evidently curious about his multiple genitals.

**Answer:** \_Hermaphroditus\_

Claiming that "he's more fun to go shopping with!" an unknown nymph on the coast of Troad snagged this boy-lover of Hercules.

**Answer:** \_Hylas\_

Although ever young because they only eat ambrosia, according to this Greco-Roman biographer, author of *Parallel Lives*, they croak at the ripe old age of 9,620.

**Answer:** \_Plutarch\_

6. Name these country-hippie fusion groups from songs of the late 1960s FTP each.

Susie-Q, Bad Moon Rising

**Answer:** \_Creedence Clearwater Revival\_

I-Feel-Like-I'm-Fixin'-To-Die, Here I Go Again

**Answer:** \_Country Joe McDonald and the Fish\_ (or simply \_Country Joe and the Fish\_)  
Mr. Tambourine Man, The Times They Are A Changin' (not looking for Bob Dylan here)

**Answer:** The \_Byrds\_

7. Answer these related questions FTP each.

This artist painted *Trinity with Two Donors* and the *Pisa Polyptych* in the 1420s.

**Answer:** \_Masaccio\_ or Maso di ser Giovanni di Mone Cassai

His most recognizable paintings, including the *Expulsion* and a *St. Peter* cycle, are located in this chapel in the Church of Santa Maria del Carmine.

**Answer:** \_Brancacci\_ Chapel

This work, also in the Brancacci Chapel, shows Peter grabbing cash out of a fish's mouth and paying a tax collector with the new-found dough.

**Answer:** \_Tribute Money\_

8. FTP each, name the authors of these books or stories, none of which have anything to do with either metal or drugs.

*Ironweed*

**Answer:** William \_Kennedy\_

*The Golden Bowl*

**Answer:** Henry \_James\_

"The Golden Pot"

**Answer:** E. T. A. (Ernst Theodor Amadeus) \_Hoffmann\_

9. For the stated number of points, answer these questions about hormones that regulate blood glucose levels.

For five points each, name the two pancreatic hormones that control the metabolic directions fuel molecules take.

**Answers:** \_insulin\_ and \_glucagon\_

FTP, this compound of the adrenal medulla causes a cAMP cascade that mimics the effects of glucagon.

**Answer:** \_epinephrine\_

FTP, this compound of the adrenal cortex promotes fat and protein metabolism in place of glucose metabolism.

**Answer:** \_cortisol\_

10. Name these early Indian leaders or identify related information FTP each.

He founded a dynasty of slave kings that was to rule from 1206 – 1526, but was killed four years later in a polo game.

**Answer:** \_Aibak\_

This city, which also hosted the Mughal Empire from 1526 onwards, held the generations of kings.

**Answer:** \_Delhi\_

In 1334, this Moorish traveler and chronicler was received in Delhi by Mohammed Tughluk.

**Answer:** \_Ibn Batuta\_

11. Answer these questions about Antarctica's geography FTP each.

This "land" is between Victoria Land and the American Highland.

**Answer:** \_Wilkes\_ Land

Wilkes Land is adjacent to this ocean.

**Answer:** \_Indian\_ Ocean

This spot is located in the Indian Ocean, off the Dibble Iceberg Tongue.

**Answer:** south \_magnetic pole\_

12. Name these players in the Kosovo crisis FTP each.

A former Prime Minister of Russia, he helped broker the peace settlement.

**Answer:** Viktor S. \_Chernomyrdin\_

Finnish President, he negotiated for the European Union.

**Answer:** Martti \_ Ahtisaari \_

This British lieutenant general is in charge of K-4.

**Answer:** Lieut. Gen. Sir Michael \_ Jackson \_

13. Answer these questions about a special type of chemical structure involving a metal ion FTP each.  
Give the term for an ion that donates a pair of electrons to a metal to form a coordination complex.

**Answer:** \_ligand\_

This type of ring-shaped inorganic complex has a ligand coordinated to a metal ion at two or more points.

**Answer:** \_chelate\_

This type of diagram shows the splitting of transition-metal energy levels when that type of atom is placed in a ligand field.

**Answer:** (Leslie) \_Orgel\_ diagram

14. FTP each, name these musical works. Each is by a 19<sup>th</sup> century Frenchman.

In this Camille Saint-Saëns piece, "Pianists" are placed alongside "Elephants" and "Wild Asses."

**Answer:** \_Carnival of the Animals\_

Gabriel Fauré, Saint-Saëns' pupil, is best known for a funerary piece that is considerably shorter than a typical Mass.

**Answer:** \_Requiem\_

César Franck is best known for this long, flowing work for orchestra and solo piano.

**Answer:** \_Symphonic Variations\_

15. Answer these questions about British government in the late 1870s.

British troops occupied this important thoroughfare after signing the Treaty of Grandamak.

**Answer:** \_Khyber\_ Pass

This native group kicked off their revolt at Isandhlwana.

**Answer:** \_Zulu\_

This conservative Prime Minister stepped aside at the end of the decade.

**Answer:** Benjamin \_Disraeli\_ (accept: Lord \_Beaconsfield\_)

16. Name these British authors with World War I experience FTP each.

Killed a week before the armistice, he is best known for the poem "Dulce et Decorum Est."

**Answer:** Wilfred \_Owen\_

Severely wounded in the war, he is known for *Fairies and Fusiliers* and *The White Goddess*.

**Answer:** Robert \_Graves\_

He was best known for nature poetry before the war, but *Undertones of War* is his most-read collection.

**Answer:** Edmund \_Blunden\_

17. FTP each, given a person, name the African nation that they led to self-rule.

Abubakar Tafawa Balewa

**Answer:** \_Nigeria\_

Muhammad Ben Balla

**Answer:** \_Algeria\_

Félix Houphouët-Boigny [OOfwA'-bwä'nyu]

**Answer:** \_Côte d'Ivoire\_ or \_Ivory Coast\_

18. FTP each, answer these related questions.

Meaning "hidden things," these are books excluded from the traditional religious canon.

**Answer:** \_Apocryphal\_

Catholics consider the first two of these four books as canonical. They deal with a family's attempt to obtain freedom of practice for Egyptian Jews.

**Answer:** Books of \_Maccabees\_

Also known as the "Little Genesis," this book contains a revelation to Moses but is primarily a huge list of feasts.

**Answer:** Book of \_Jubilees\_



19. Name these discoveries of 1955 FTP each.

Martin Ryle's creation of this device vaulted radiotelescopes from interesting toy to viable tool.

**Answer:** interferometer

Emilio Segrè and Owen Chamberlain discovered this particle.

**Answer:** antiproton

Luis Alvarez created a semiautomatic tracking device for this Donald Glaser creation.

**Answer:** bubble chamber

20. You'll have a choice here. You can either identify three stars of the professional billiards circuit for five points each, or answer three questions about pro bowling FTP each. Choose now.

5 – This graceful Asian star has made appearances on Craig Kilbourn's show, among others.

**Answer:** Jeanette Lee

5 – Known as the 'Texas Tomado,' she was the 1993 player of the year.

**Answer:** Vivian Villarreal

5 – A former snooker star, this British phenom is the current world #1 after winning 12 of 17 events in 1998.

**Answer:** Allison Fisher

10 – The ABCA Ambassador for 1999, he won this year's U.S. Open.

**Answer:** Bob Leam Jr.

10 – This Las Vegas native took the women's Open.

**Answer:** Kim Adler

10 – The ever-popular Brunswick Challenge on ABC features this odd scoring system.

**Answer:** Baker Scoring System

21. Given the symbol, tell its function in logical notation FTP per answer.

~ (tilde) or ' (apostrophe)

**Answer:** negation or not

& (ampersand) or ^ (up carat)

**Answer:** conjunction or and

A three-bar sign (looks like a trilinear equal sign) or a two-headed arrow

**Answer:** material biconditional or material equivalence or if and only if

22. Answer these questions about chip creation FTP each.

This is the thin silicon disc used to form the substrate of a device

**Answer:** wafer

This is one individual device cut from a wafer.

**Answer:** die

This is the process of attaching aluminum or gold leads (via thermal compression or ultrasonic welding) to a die.

**Answer:** wire bonding

23. 15, 5 – name the Civil War general from clues.

15 – Just a bit over-secretive, he constantly quoted Frederick the Great's maxim: "If I thought my coat knew my plans, I would take it off and burn it."

5 – His reassuring mien led Gen. Bee to say that he stood "like a stone wall" at the Battle of Bull Run.

**Answer:** Gen. Thomas J. Jackson

15 – While assuring his troops that Confederate snipers "couldn't hit an elephant at this dist...", he proceeded to splatter them with his gray matter.

5 – Before his death at Spotsylvania, he was engaged in a running campaign with Confederate Gen. Jubal A. Early that originated at Chancellorsville.

**Answer:** General John Sedgwick

24. Name the C-SPAN shows from descriptions FTP each.

Tony Blair is drowned out by guffawing Conservative MPs in TV's most entertaining half hour.

**Answer:** Questions to the Prime Minister (accept: Prime Minister's Question Time)

Brian Lamb quizzes authors about the inspiration for their latest drivel.

**Answer:** Booknotes

Special events like Presidential candidate roasts and dull speeches about some national ill or another are the order of the day for this program.

**Answer:** American Perspectives

25. FTP each, answer these questions about films from 1944.

Barbara Stanwyck talks Fred McMurray into committing insurance fraud.

**Answer:** Double Indemnity

Margaret O'Brien and Judy Garland crow about Middle America.

**Answer:** Meet Me in St. Louis

Bogart and Bacall smooth the transition of a crappy Hemingway novel to the silver screen.

**Answer:** To Have and Have Not

26. For fifteen points each, name these Dutchmen who loved to paint big women.

The women who provided the models for the large but solid figures in the 1621 *Apotheosis of Henri IV* evidently spent some time at buffet table before posing for 1635's *The Judgement of Paris*.

**Answer:** Peter Paul Rubens

Rubens' successor, he painted the traditional *The Four Evangelists* but seemed to enjoy scenes of domestic life like *The King Drinks* – a work which features his young daughter chugging wine and his father-in-law (a fellow painter who taught Rubens) absolutely hammered.

**Answer:** Jacob Jordaens

27. Answer these questions about a Canadian island FTP.

It lies across the Cabot Strait from Nova Scotia.

**Answer:** Newfoundland

This eastern peninsula contains the city of St. John's.

**Answer:** Avalon Peninsula

Name either of the French islands off its Newfoundland's coast.

**Answer:** St. Pierre or Miquelon

Category	TU	BO	First 20	TU	BO	Last 9
History	4	4	4	1	1	1
Science	4	4	4	1	1	1
Literature	3	3	3	1		1/0
Trash	2	2	2	1	1	1
RPM	2	1	2	1	1	1
Art	1	1	1	1	1	1
Music	1	1	1			
Social Science		1		1		
Geography	1	1		1	1	
Class Trash	1				1	
CE	1	1	1			