

**Vanderbilt Quiz Bowl
Fall Collegiate Invitational**

Round 12

Tossups

1. **Although it cost the attackers over 58,000 troops and set the stage for serious military setbacks in coming months, this brainchild of General (*) Vo Nguyen Giap seemed like a major victory because it deflated Gen. Westmoreland's claims to have "turned the corner." FTP, name the attack beginning on January 31, 1968, the Vietnamese New Year.**

Answer: _Tet offensive_

2. **The lowest energy state has the maximum total electron orbital angular momentum quantum number. The lowest energy state has the maximum (*) multiplicity consistent with the Pauli exclusion principle. FTP, identify these two rules used to interpret atomic spectra in multi-electron atoms.**

Answer: (Friedrich) _Hund's rules_

3. **Once beaten to a scholarship by future painter James Tissot, his mentor, Auguste Blanqui, secured him the stipend. He called communism "death" and answered (*) his own question *What is Property?* by defining it as "theft" in an 1840 essay. FTP, name this French anarchist.**

Answer: Pierre-Joseph _Proudhon_

4. **A National Merit Scholar while in high school, he graduated from Morehouse College with degrees in physics and engineering. He won a bronze medal in his swan song, the 1988 Olympic Games, (*) and, between 1977 and 1987, won 107 consecutive race finals. FTP, what name this 400 meter hurdler.**

Answer: Edwin _Moses_

5. **The term was coined by Leon Festinger, who wrote a 1957 book of the same title. It occurs when, after making a choice, a person receives negative feedback about their choice (*) and positive feedback about the choice they discarded. FTP, give the term for the mental discomfort arising from conflicting beliefs held simultaneously.**

Answer: _cognitive dissonance_

6. **She deals with the voodoo and spirits possessing individuals in her book *Tell My Horse*. Another work that demonstrates her training as an ethnologist in the Public Works (*) Administration is the book *Mules and Men*. FTP, who is best known for writing about Floridians Tea Cake and Janie in *Their Eyes Were Watching God*?**

Answer: Zora Neale _Hurstons_

7. **Its inhabitants primarily live in cities like Francistown and Selebi-Phikwe in the east and Kanya in the south, cut off by the Okavango (*) marshland in the north and the Kalahari Desert to the west. FTP, name the nation whose capital, Gaborone, lies across the Orange River from South Africa.**

Answer: Republic of _Botswana_

8. **Their central opening is known as a "Haversian canal," and smaller "canalicules" deliver (*) nutrients to the surrounding "compact" or "spongy" tissues. They provide the maturing site for B cells. FTP, name this calcified support structure.**

Answer: _bone_ (early: compact _bone_)

9. **Like fellow Irishman Victor Herbert, he began his career creating instrumental works. After the moderate success of the ballet *Thespis*, (*) he began to work with Richard D'Oyly Carte. FTP, who composed the music for *Iolanthe*, *The Mikado*, and other classic operettas?**

Answer: Arthur _Sullivan_

10. The dynasty provided the first powerful rulers since the death of Rudradaman some 250 years before. Stabilized by intermarriage with the ancient Lichchavi clan, its seat was in (*) Pataliputra, where the monumental Iron Pillar was built. FTP, name the Indian dynastic house that ruled from 320-535.

Answer: _Gupta_ dynasty

11. This title character shares her name with the author of *Superior Women*, but is in fact an inveterate social climber. Unfortunately, her family's attempts to (*) move above their lower middle class standing fail miserably. FTP, name her and you've named this Booth Tarkington classic.

Answer: _Alice Adams_

12. Its structure is based on Vittore Carpaccio's *Meditation on the Passion* – the left side features returning huntsmen and the right a large, peaceful lake. On the left of the central (*) sarcophagus sits a lady in the red finery of a whore, and on the right rests a nude Venus figure. FTP, name this allegorical painting by Titian.

Answer: _Sacred and Profane Love_

13. Campaigns against the armies of Pío Pico and José Castro by William B. Ide won its independence. To celebrate, William Todd (*) presented its new leader, John C. Fremont, with a flag emblazoned with a grizzly bear. FTP, name this early western "republic."

Answer: Republic of _California_ (prompt on: _Bear Flag_ Revolt after "Fremont", accept it before then)

14. After an August defeat at the hands of New Zealand, England became the world's lowest-ranked team on Wisden Table, the widely accepted ranking system on (*) the Test level. Australia is the world's best at, FTP, what sport where a "googlie" is thrown by a "bowler"?

Answer: _cricket_

15. It has a varying magnetic field and oscillator frequency, and has reduced magnetic requirements because particles being accelerated move in a (*) circular path instead of the old-fashioned spiral. The giant 6.3-km, 50-million electron volt ringed monstrosity at Fermilab is an example. FTP, name the class of accelerator that replaced the cyclotron.

Answer: proton _synchrotron_

16. One member drowned in 1983 and was given a special dispensation by President Reagan to be buried at sea. *Smile* was (*) never finished, but the band did churn the hit-filled *All Summer Long* and 1966's *Pet Sounds*. FTP, name the group that contained Mike Love, Al Jardine, and Brian Wilson.

Answer: The _Beach Boys_

17. A graduate of Southwestern College and Yale Law School, he got into government service in Securities and Exchange Commission and as General Counsel to the PWA. First appointed to the (*) Supreme Court in 1965, questionable financial dealings prevented his promotion. FTP, name the man unsuccessfully nominated for Chief Justice by LBJ.

Answer: Abe _Fortas_

18. Surrounded by a high wall of closely fitted stone blocks, it contained the plain of Idavoll, which held the dual halls of Vingolf and (*) Gladsheim. The worlds of Alfheim and Vanaheim are located here, as well as the glorious center of Valhalla. FTP, name the upper level of nine Norse worlds.

Answer: _Asgard_

19. "Actualism" modifies this theory to allow that past processes may have operated at different rates and with different intensities than those of the (*) present. It was first put forth in 1785 by James Hutton. FTP, name the geologic doctrine stating that past geological changes in the earth were brought about by the same causes as those now taking place.

Answer: _uniformitarianism_

20. An old wizard and dimwitted Freemasons help goddess of Dullness make “universal Darkness bury All.” First written in three books, it was later expanded to four (*) – and its focus redirected from Lewis Theobald to Colley Cibber. FTP, name this Alexander Pope satire.

Answer: The Dunciad

21. Son of an escaped slave, he was Phi Beta Kappa and an all-American football player at Rutgers. After a brief law career, he turned his (*) formidable presence to acting, where he was the first black actor ever to play Othello. FTP, name the man best known for his deep bass rendition of “Old Man River.”

Answer: Paul Robeson

22. The fall of the civilian government of cloth merchant Etienne Marcel was its most immediate result. During its course, an aristocratic (*) woman was forced to eat her roasted husband, then raped and killed. Prompted by widespread depression, it only lasted two weeks. FTP, name this 1358 French peasant rebellion.

Answer: Jacquerie

23. A graduate of Cortland State University, he got his start in comedy after hanging out with his brother, comic Gary Valentine. His current show was spun off of (*) *Everybody Loves Raymond* and stars Leah Remini and Jerry Stiller. FTP, name the *King of Queens*.

Answer: Kevin James III (prompt on early: *The King of Queens*)

24. Centered at Hebrew Union College in Cincinnati, its earliest statement of principle was the Pittsburgh Platform. Begun in Europe in the (*) 18th century by Abraham Geiger but most prominent as a homogenizing force in America, it voted in June of 1999 to encourage wearing of yarmulkes. FTP, name this liberal branch of Judaism.

Answer: Reform Judaism

25. It includes colorful folks like socialite art dealer Elliott Templeton, stockbroker Gray Maturin, and dope fiend Sophie MacDonald, but the novel’s most dominating character – aeronautical engineer (*) Guy Hauge – is globe-hopping mystic philosopher Larry Darrell. FTP, name the Somerset Maugham book with a “sharp” title.

Answer: The Razor’s Edge

26. Of Lithuanian-Jewish origins, this scientist spent her early career teaching high school physics and working as a laboratory assistant. After arriving at Burroughs Wellcome, she collaborated with George (*) Hitchings to create 6-MP, a potent anti-leukemia drug. FTP, name the biochemist best known for developing acyclovir, the anti-herpes drug.

Answer: Gertrude Bell Elion

27. It was located next to grain depots and the Temple of Serapis, and was first headed by Demetrius of Phaleron, an Athenian exile appointed by (*) Ptolemy I Soter. It burned to the ground when Julius Caesar torched Cleopatra’s fleet, taking all 40,000 volumes with it. FTP, name this house of knowledge in the Nile delta.

Answer: Library of Alexandria (prompt on: Museum of Alexandria)

28. Its composer tacked on a detailed program long after the work had been completed. Finished on November 22, 1874, he revised the work to include the now-famous “Hunting Scherzo” (*) after his *Wagner Symphony* received a poor response. FTP, what nickname is commonly given to the fourth symphony of Anton Bruckner?

Answer: “Romantic” Symphony (accept early: Symphony # 4)

**Vanderbilt Quiz Bowl
Fall Collegiate Invitational**

Round 12

Bonuses

1. FTP each:

This composer worked with Zoltán Kodály to collect Hungarian folk tunes.

Answer: Béla Bartók

This tough customer, center of a Bartok ballet, refuses to die until he embraces the prostitute he loves.

Answer: *The Miraculous Mandarin*

A six-book teaching tool, its tunes ramp from relatively simple to quite difficult.

Answer: *Mikrokosmos*

2. Answer the following about a type of motion, 5-10-15.

5 – This type of motion is a periodic, sinusoidal function of time.

Answer: simple harmonic motion

10 – This, the force law for simple harmonic motion, is often explicated with a “block-and-spring” example.

Answer: (Robert) Hooke’s law

15 – Give the formula for the period of a simple pendulum.

Answer: $T = 2\pi\sqrt{L/g}$ (read: T = 2 pi times the square root of the quantity L over g)

3. FTP each, identify these non-Western civilizations that arose in the 18th century.

Backed by English guns, this coastal West African tribe spread its influence into what is now central Ghana.

Answer: Asanti or Ashanti

Before the Battle of Plassey, the Nawab of this Indian city rose to a position of considerable power that he enforced with its infamous “Black Hole.”

Answer: Calcutta

Prince Chakri seized the throne of this nation, keeping it free of European colonization.

Answer: Siam (accept: Thailand)

4. 5-10-15:

5 – This author wrote *Ethan Fromme*.

Answer: Edith Wharton

10 – She became the first woman to win a Pulitzer with this novel about Ellen Olenska, Newland Archer, and the rest of New York society.

Answer: *The Age of Innocence*

15 – After being named a Chevalier of the Legion of Honor, she wrote this book about the French WWI experience.

Answer: *Fighting France*

5. Given his cool nickname, identify the jazz superstars FTP each.

“Pee Wee”

Answer: Charles Ellsworth Russell

“Cannonball”

Answer: Julian Adderley

“Lockjaw”

Answer: Eddie Davis

6. 5, 10, 15 – answer these questions about Iraqi politics.

5 – He gained power in 1979.

Answer: Saddam Hussein

10 – Hussein's party, this originally Syrian group came to power in a 1968 revolution.

Answer: Ba'ath

15 – Brigadier Abd al-Karim Qasim and Colonel Abd al-Salaam Arif were among this group, who overthrew the monarchy of Faisal II ibn Ghazi in 1958.

Answer: "Free Officers"

7. Time for Norse heroic mythic family trees. FTP each:

Son of Rerir, he was conceived by that hero only after his wife ate an apple blessed by Odin.

Answer: Volsung

A favorite of Odin who was eventually killed by that god, this son of Volsung was the only person who could remove the magic sword Balmung Odin placed in the Branstock tree.

Answer: Sigmund

Sigmund's son, he is the center of a Wagner opera cycle.

Answer: Sigurd or Sigfried

8. FTP, name these former boyfriends of Heather Graham from their film work.

He filled roles from Byron De La Beckwith in *Ghosts of Mississippi* to Col. Robert Moore in *The General's Daughter*

Answer: James Woods

He played Private Robert Reiben in *Saving Private Ryan* and Barry McMullen in *The Brothers McMullen*

Answer: Edward Burns

He was Special Agent Dale Cooper in *Twin Peaks* and Zack Carey in *Showgirls*

Answer: Kyle MacLachlan

9. Name these Roman historians from the titles of their works FTP each.

Annals and *Germania*

Answer: Tacitus

The Jewish War

Answer: Flavius Josephus

The History of Rome (45 books)

Answer: Livy or Titus Livius

10. Answer the following questions about the brain FTP each.

This "system" is responsible for basic instincts and emotions.

Answer: limbic system

The limbic system includes this, which transfers items from short-term to long-term memory.

Answer: hippocampus

This is the evolutionarily most recent part of the brain. It covers the telencephalon, another part of the limbic system.

Answer: neocortex

11. FTP each, given a closer name his team. (city or nickname)

Mike Williams

Answer: Pittsburgh Pirates

Doug Jones

Answer: Oakland Athletics

Bob Wickman

Answer: Milwaukee Brewers

12. Given a few lines of a poem, name its 17th century English author.

Stone walls do not a prison make, / Nor iron bars a cage

Answer: Richard Lovelace ("To Althea from Prison")

Thou hast made me, and shall thy work decay? / Repair me now, for now mine end doth haste

Answer: John Donne ("Holy Sonnet I")

His bark is worse than his bite.

Answer: George Herbert ("Jacula Prudentum")

13. Name these impressionists from works or clues, 5-10-15.

5 – *The Bar at the Folies-Bergère*

Answer: Eduard Manet

10 – *The Harbor at Lorient*; she married Manet's brother Eugène

Answer: Berthe Morisot

15 – An Englishman, he primarily painted landscapes

Answer: Alfred Sisley

14. Identify these reagents FTP each.

This class, named for a French chemist, has the formula (R_2Mg complexed to $MgCl_2$.)

Answer: Grignard reagent

Used to test for aldehydes, it is made using sodium hydroxide, silver nitrate, and aqueous ammonia.

Answer: Tollens reagent

This reagent, chromium trioxide, is used in an aqueous acetone solution.

Answer: Jones reagent

15. Answer these questions about an Indian religious belief for fifteen points each.

Meaning "what has come down," this is the general Sanskrit term for the authoritative religious text of an Indian sect.

Answer: agama

A pantheism of the world-accepting variety, this Buddhist sect believes in over-saturation of the body with incantations and even group orgies.

Answer: Tantric

16. Given their founders, name these civil rights groups FTP each.

Martin Luther King, Jr. and Bayard Rustin

Answer: Southern Christian Leadership Council (prompt on: SCLC)

Various founders, from Shaw University

Answer: Student Non-Violent Coordinating Committee (prompt on: SNCC)

James Farmer

Answer: Congress of Racial Equality (prompt on: CORE)

17. Name these things you'd find in chemistry lab FTP each.

This U-shaped glass tube contains agar jelly and a compound like potassium chloride.

Answer: salt bridge

This conical piece of Pyrex has a small mouth and is an ideal container in which to heat solutions.

Answer: Erlenmeyer flask

Small amounts of substances can be heated to high temperatures this bit of ceramic.

Answer: crucible

18. Name these disturbances in 17th century America, 5-10-15.

5 – This Virginia rebellion petered out after its leader's sudden death.

Answer: (Nathaniel) Bacon's Rebellion

10 – Massachusetts' John Endecott led this punitive expedition against Indians near the Thames River.

Answer: Pequot War

15 – This rebellion centered on a German-born trader who seized New York from Capt. Francis Nicholson, an underling of Sir Edmund Andros.

Answer: (Jacob) Leisler's Rebellion

19. Give these terms from cultural anthropology, 5-10-15.

5 – This type of society traces the line of descent through women.

Answer: matriarchal society

10 – This type of society has extensive subpopulations that are accorded differential treatment.

Answer: stratified society

15 – This type of society has no king or other supreme ruler.

Answer: _acephalous_ society

20. FTP each:

The entirety of this body of the European Union, responsible for proposing legislation, resigned due to a corruption scandal in early 1999.

Answer: European _Commission_

This Luxembourg native headed the Commission before his resignation.

Answer: Jacques _Santer_

This former Italian premier took over in July, vowing to clean up the Commission's act.

Answer: Romano _Prodi_

21. Identify these parts of the square of opposition, a simple graphical device to illustrate relations between categorical propositions, FTP each.

Two propositions have this relation if one must be true and the other false. They are on opposing corners of the square.

Answer: _contradictories_

Two propositions have this relation if both could not be true but both could be false, and are located on the top corners of the square.

Answer: _contraries_

Located either both on the left or both on the right, in this type of relationship the truth of one proposition guarantees the falsehood of the other.

Answer: _subaltern_ or _subalternation_

22. Name these Asian countries with silly insignia in the middle of their flags, 5-10-15.

5 – Only a single circle breaks its white background. Booooring.

Answer: _Japan_

10 – It has a temple similar to the Angkor Wat on its central red bar.

Answer: _Cambodia_

15 – Its diagonally cut background has an inset white dragon.

Answer: _Bhutan_

23. 1906 was a big year for earth science. ID these discoveries FTP each.

This city 8.3 on the Richter scale hit this city.

Answer: _San Francisco_

R. D. Oldham proved that this type of wave will not travel through liquids.

Answer: _secondary_ waves or _s_ waves

That discovery justified Clarence Dutton's opinions about the radioactive heating processes of this innermost planetary section.

Answer: planetary _core_

24. FTP each, identify these players in African conflicts of the 1890s:

This henchman of Cecil Rhodes invaded Transvaal in 1895

Answer: Sir Leander Starr _Jameson_

This French general defeated Ranavalona III in 1897, ending Madagascar's independence.

Answer: Gen. Joseph _Gallieni_

Controversy over the wording of the Treaty of Wichale led this Ethiopian to a successful war with Italy in 1896.

Answer: Emperor _Menelik_ II

25. Given clues, name the sculpting families for fifteen points each.

13th century artists Nicola and Giovanni created grand marble pulpits.

Answer: _Pisano_ or _d'Apulia_

A 15th century family of five brothers, its best known members were Antonio and Bernardo. Their best collective effort is the *Tomb of the Cardinal of Portugal*.

Answer: _Rossellino_

26. FTP each, identify these early Italian composers.

This 16th century Roman is best known for his masses and madrigals.

Answer: Giovanni Pierluigi da _Palestrina_

This 17th century violinist and composer is best known for his concerti grossi – including #8, the *Christmas Concerto*.

Answer: Arcangelo _Corelli_

In addition to his *Variations on a Theme by Corelli* and a violin sonata nicknamed the “Devil’s Trill,” he is also famous for the trouble he had with the Archbishop of Padua after surreptitiously marrying the prelate’s 15-year-old daughter.

Answer: Giuseppe _Tartini_

27. Given stars, name these current dramas FTP each.

Camryn Manheim, Dylan McDermott

Answer: *The _Practice_*

David Boreanaz, Sarah Michelle Gellar

Answer: *_Buffy_ the Vampire Slayer: The Series*

Christine Lahti, Adam Arkin

Answer: *_Chicago Hope_*

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	2	3	1		1/0
Trash	2	2	2	1	1	1
RPM	2	2	2	1	1	1
Art	1	1	1	1	1	1
Music	1	1	1	1	1	
Social Science	1	1				
Geography	1				1	
Class Trash		1		1		
CE	1		1			