

TOSSUPS – ROUND 4 DENNIS HASKINS OPEN HS QUIZBOWL 2001 – UTC

Questions mostly by Chris Borglum, Valencia Community College

1. In March, 1943, he was transferred to Greece to create the illusion of an attack there to draw the Allies from France. After the deception's success, Hitler appointed him commander of the Channel defenses, but he was shot and wounded by a strafing plane. Less than six months later, he was forced to take poison after being implicated in the plot against Hitler's life. FTP who was this commander of the Afrika Korps, nicknamed the "Desert Fox"?

Answer: Erwin **Rommel**

2. Comprising over 500,000 square acres, its name translates to "Land of Trembling Earth." The building of a road connecting Cowhouse Island with U.S. Route 1 south of Waycross helped lead to its designation as a state park in 1946. What is this Georgia park, FTP, where Pogo and his pals are reputed to live?

Answer: **Okefenokee** Swamp

3. Alternately called Caisson's Disease or Tunnel Disease, it causes severe pain in the muscles and joints of the arms and legs and can cause shock or even death. Those recovering from it usually have to spend days in an oxygen chamber. Name this disease, FTP, caused by the enlargement of nitrogen bubbles in blood and tissue, usually resulting from a diver's overly rapid return to the water's surface.

Answer: **Bends**

4. He courted Thetis but dumped her when he learned that she would bear a son greater than his father. He gave Minos a beautiful white bull to sacrifice to him, but when Minos kept the bull, this Olympian made Minos's wife Pasiphae fall in love with it, leading to the Minotaur. FTP name this greedy owner of the Trident and god of the sea.

Answer: **Poseidon**

5. Although he was better known in his time for his monographs on the constituents of London soil and the varieties of tobacco ash, he considered his best work to be *The Practical Book of Bee Culture*. Ever modest, he turned down Queen Victoria's offer of knighthood for his detective work. FTP name this character whose adventures appeared in *The Strand* in stories written by Arthur Conan Doyle.

Answer: **Sherlock Holmes**

6. For ten real math points, find the solution for $(X-1-i)^2$ (read: the quantity x minus one plus i all squared).

Answer: X^2-2X+2

7. He hails from Kiln, Mississippi, and played his college ball at nearby Southern Miss. The Falcons drafted him, kept him on the bench for a year or so, and then cut him – a move they certainly regret. He's kicked an addiction to prescription painkillers and appeared on film as Cameron Diaz's old boyfriend. FTP name this quarterback for the Green Bay Packers.

Answer: Brett **Favre** [pronounced Farve, but accept anything close enough – if he can't pronounce it right, why should we?]

8. A member of the Wampanoag tribe, he was captured early in his life and sold as a slave in Spain. He eventually escaped and went to England, where he learned the language. He returned to New England in 1619 as a pilot for an English sea captain and was saddened to find his tribe destroyed by a plague. FTP who was this man who forged a friendship with the pilgrims at Plymouth Colony and helped them survive by teaching them how to fish and grow corn?

Answer: **Squanto**

9. It was observed by Philip Lenard, but its discovery was attributed to Heinrich Hertz in 1887. The most favorite experiment involved metal and a bright spot light. When the light hit the metal base, the metal released a charge. FTP, what is this effect that Albert Einstein explained in a 1905 paper?

Answer: **photoelectric** effect

10. Characteristics of this form's classical version include the use of the supernatural, descriptions of warfare, statement of purpose, beginning *in media res*, and invocation of the muse. The adventurous plot often deals with the founding of a race or nation, such as in the *Mahabharata* and the *Nibelungenlied*. FTP, name this poetic genre epitomized by the *Odyssey*.

Answer: **epic**

11. He made over 150 films, beginning with the Oscar-winning "The Silent World" in 1956. After a near-fatal auto accident dashed his hopes of becoming an aviator, he took up swimming to strengthen his broken arms, leading to his life-long love of the sea. This love led to his co-invention of the aqua-lung in 1943. FTP name this captain of the Calypso and renowned French Oceanographer.

Answer: Jacques **Cousteau**

12. Unity, self-determination, collective work and responsibility, cooperative economics, purpose, creativity, and faith are the seven principles of it, each of which is represented by a candle in the Kinara. This non-denominational holiday was introduced in 1966 as a ritual to welcome the first harvests to the home. Celebrated from December 26 through New Year's Day, FTP what is this African-American festival?

Answer: **Kwanzaa**

13. It gained its name from a popular song-and-dance routine premiered in Louisville in 1828 by Thomas Rice, the most notable figure of the early minstrel shows. As a legal term, it came to refer to a series of statutes enacted after 1877 (the end of Reconstruction) that imposed varying degrees of segregation. FTP, identify this two-word term for racially motivated laws.

Answer: **Jim Crow**

14. His name literally means "flat-head," and his hope of establishing the rule of a philosopher-king in Syracuse fell flat---but his immortal literary works including *The Laws*, *Theatetus*, and *Criton* are still the bedrock of a liberal education. FTP identify this Greek master of the dialogue form, whose works include the *Phaedo* and *The Republic*.

Answer: **Plato**

15. On his mother's side, this poet was a descendant of Gannibal, an Abyssinian general who served under Peter the Great. His long poem *Ruslan and Ludmila* first brought him attention in 1820. Killed in a duel, FTP name this father of Russian literature best known for his tragedy *Boris Godunov* and novel *Eugene Onegin*.

Answer: Aleksandr **Pushkin**

16. He had bad luck on his right side, losing the sight in his right eye at the Battle of Calvi and losing his right arm at Santa Cruz in 1794. He had a better year in 1798, destroying the French fleet at Aboukir Bay near Egypt. FTP name this admiral who led the British fleet to victory at Trafalgar in 1805.

Answer: Horatio **Nelson**

17. Active during the late 15th and early 16th century, he was a Roman Catholic painter like his father and grandfather before him. He designed several stained glass windows of his local church, but he is best known for his striking paintings. They incorporated astrology, alchemy, folklore, witchcraft, and an overriding preoccupation with man's sinful nature. FTP name this Dutch painter known for "The Seven Deadly Sins" and "The Garden of Earthly Delights."

Answer: Hieronymus **Bosch**

18. This former video store clerk played a deacon in *Little Nicky* and George Clooney's wacko brother in *From Dusk Till Dawn*. The forthcoming *Kill Bill* will be only the 4th feature film he's directed, not counting one segment of the 1995 flop *Four Rooms*. FTP name this Hollywood bad boy, frequent employer of Chattanooga's Samuel L. Jackson and director of *Jacky Brown*, *Reservoir Dogs*, and *Pulp Fiction*.

Answer: Quentin **Tarantino**

19. Its chief naturally occurring ore is pitchblende, from which it is extracted by an ion-exchange process. Discovered by Klaproth in 1789, it has three natural isotopes: 238, 234, and 235. FTP what is this white metallic element with number 92, the main power source of nuclear reactors?

Answer: **uranium**

20. The narrator, annoyed by his pal Stradlater's whistling, among other things, runs away from Pency Prep early in this novel. Burdened by his unrequited passion for Jane Gallagher and brotherly love for his sister Phoebe, the narrator ends up at his former teacher's house, but thinks Mr. Antolini makes a pass at him. FTP Holden Caulfield is the narrator of what novel by J. D. Salinger?

Answer: **Catcher in the Rye**

21. Born in Waxhaw, South Carolina, he was the only president to have served in both the American Revolutionary War and the War of 1812. Famous for participating in duels, he had lived many years with a bullet lodged near his heart. FTP, name this 7th President of the United States whose nickname is "Old Hickory."

Answer: Andrew **Jackson**

22. This organization, founded in 1912, has five distinct levels of membership. During the 1930s, it conducted various fund raisers to support its activities but by 1936 it had negotiated its first contract with a commercial baker. For ten points, name this organization that is best known for its annual Cookie Sale.

Answer: **Girl Scouts** of the United States of America

23. His early plays, like *Cowboy* and *Operation Sidewinder* are often set in the American West and contain surrealistic critiques of American materialism. His best known play, *Buried Child*, won the Drama Pulitzer in 1978, though he's better known to most as an actor. FTP who is this companion of Jessica Lange who played Chuck Yeager in *The Right Stuff*?

Answer: Sam **Shepard**

BONI – ROUND 4**DENNIS HASKINS OPEN HS QUIZBOWL 2001 – UTC**

1. Alright Captain, let's see how well you know your teammates. I'll name a category, and you nominate one of your teammates to answer a 5-point question in it with no consultation. Each player on your team must go once, so you need to designate yourself for one question. Choose carefully, as you'll get a ten-point bonus for getting all four correct. The categories are physics, American history, literature, and mathematics.

Physics: How many "flavors" of quark exist?

Answer: 6

American history: What U.S. president was nicknamed "Little Hickory" and "The Red Fox of Kinderhook"?

Answer: Martin **van Buren**

Literature: What Nobel Prize winner wrote *The Song of Solomon* and *Tar Baby*?

Answer: Toni **Morrison**

Math: What figure's volume is given by the formula $V = \frac{1}{3}BH$?

Answer: pyramid

2. Answer the following about milestones in space exploration FSNOP.

5pts. Who was the first human to make a spaceflight and return alive?

Answer: Yuri **Gagarin**

5pts. Who was the first American to orbit the Earth?

Answer: John **Glenn**

10pts. What was the name and number of the mission which first landed on the Moon?

Answer: **Apollo 11**

10 pts. Excluding the unnumbered Apollo-Soyuz joint mission, what was the number of the last Apollo mission?

Answer: Apollo **17**

3. So you think you know about Arthurian legend, huh? Identify the following works about it FTPE.
Marion Zimmer Bradley's book about the women of Arthurian legend.

Answer: *The Mists of Avalon*

Alfred Lord Tennyson's cycle of poems about Arthur.

Answer: *Idylls of the King*

Thomas Malory's indispensable collection of Arthurian tales.

Answer: *Le Morte d'Arthur*

4. Answer the following questions concerning William the Conqueror for ten points each.

Before crossing the Channel, William was duke of what duchy in northern France?

Answer: Normandy

William's forces defeated the English armies under Harold II at what 1066 battle?

Answer: Battle of Hastings

As William I, King of England, he ordered what economic survey of the English people to be taken?

Answer: Domesday (DOOMS-day) Book

5. Name the American painter from a lesser-known work for 10 points or a better-known work for 5 pts.

10) Nocturne in Black and Gold: The Falling Rocket

5) Arrangement in Black and White: Portrait of the Artist's Mother

Answer: James McNeill **Whistler**

10) The Helga Paintings

5) Christina's World

Answer: Andrew **Wyeth**

10) The Birthplace of Herbert Hoover, 1931

5) American Gothic

Answer: Grant **Wood**

6. Identify these tools you'd use in chemistry lab FFPE and a bonus five for getting them all.

A narrow glass tube used to deliver small amounts of liquid.

Answer: pipette

A device used to separate liquids of different densities by spinning them.

Answer: centrifuge

A small gas burner used for heating substances.

Answer: Bunsen burner

A small club-shaped tool used to crush or grind solids.

Answer: pestle

A flat-bottomed conical container for liquids.

Answer: **Ehrlenmeyer** Flask

7. Name the author from works 30-20-10.

30 Down and Out in Paris and London

20 Burmese Days; How to Cook an Elephant

10 Animal Farm

Answer: George **Orwell** (acc. Eric Arthur Blair from some stinkin' showoff)

8. If you like baseball trivia, this bonus is for you; if not, too bad. Answer the following FSNOP.

5pts. Who holds the record for most home runs in a career with 754?

Answer: Hank **Aaron**

10pts Who has the record for most career pitching victories with 511?

Answer: Denton True "Cy" **Young**

15pts. Who played in 3,562 games in his career, more than anyone else?

Answer: Pete **Rose**

9. FTPE, given an unsuccessful assassin, name the president they tried to kill.

Squeaky Fromme

Answer: **Gerald Ford**

John Hinckley, Jr.

Answer: **Ronald Reagan**

Richard Lawrence.

Answer: **Andrew Jackson**

10. FTPE given a brief description identify the molecule. If you need a more general clue, you'll get five.

1. 10) With a functional group of NH₂ on one end and a carboxylic acid group (COOH) on the other the simplest one is glycine.

5) The body only classifies 20 of them as "essential" and they are the basis of proteins.

Answer: **Amino Acids**

2. 10) Having the general formula C(n)H(n+2)O(n), they can be used to store energy, metabolized for quick energy, or can be used to provide structure in plants.

5) The most common forms of them include glucose and sucrose.

Answer: **Carbohydrates**

3. 10) These chemicals are characterized by a "backbone" of four linked carbon rings linked to a hydrocarbon chain. While not true lipids, they are grouped with lipids because they too are insoluble in water.

5) Examples include cholesterol as well as such hormones as testosterone and estrogen.

Answer: **Steroids**

11. Name these places of worship FTPE.

Once the central church of the Eastern Orthodox Church, this Istanbul landmark is now a mosque.

Answer: **Hagia Sophia**

Coronation church of the English monarchs, it's also home to "Poet's Corner."

Answer: **Westminster Abbey**

This mosque stands atop Temple Mount in Jerusalem.

Answer: **Dome of the Rock**

12. Name the opera from a plot description for 15 pts., from the composer for 10, or from a more modern adaptation for 5 pts..

15) It centers around two starving artists in a garret apartment, one of whom falls madly in love with a terminally ill woman. The opera follows their tragic love affair which is tormented by their poverty and ends with the woman's death (as do most operas).

10) Giacomo Puccini

5) The Broadway musical Rent

Answer: **La Boheme**

15) Another tragic love story, this is one of a poor native girl who falls in love with a foreigner. They marry, she waits for him as he goes back to his home country, but when she seeks him out again she finds that he has remarried and forgotten about her. She of course then commits suicide to finish the tragedy.

10) Giacomo Puccini (yes, again)

5) The Broadway musical Miss Saigon

Answer: **Madame** (or Madama) **Butterfly**

13. Name these supporting figures from The Simpsons FTPE.

His short film, "Man Hit in Groin by Football," was Homer's favorite at the Springfield Film Festival.

Answer: **Hans Moleman**

This suave actor won't appear anymore, unfortunately, as Phil Hartman is no longer with us.

Answer: **Troy McClure**

Lisa found she couldn't change this bully's behavior by dating him. Ha-ha!

Answer: **Nelson Muntz**

14. Given a description, name the pioneer in the fight for women's rights FTPE.

With Lucretia Mott, she helped organize the Seneca Falls Convention of 1848.

Answer: Elizabeth Cady **Stanton**

This British woman was the first medical doctor in England.

Answer: Elizabeth **Blackwell**

This woman was the first to run for president, doing so in 1872 on the Liberty Party ticket.

Answer: Victoria **Woodhull**

15. Name the ancient Greek writer from a description FTPE.

Called "The Tenth Muse," her love lyrics were often written about women.

Answer: **Sappho**

He wrote The Persians and the 4-play cycle The Oresteia.

Answer: **Aeschylus**

This author is best known for his History of the Peloponnesian War.

Answer: **Thucydides**

16. Name these bodies of water FTPE.

This strait separates the Chinese mainland from Taiwan.

Answer: **Formosa Strait**

This sea separates Sweden and Finland from Lithuania, Latvia and Poland.

Answer: **Baltic Sea**

The Red Sea empties into this gulf which separates Somalia from Yemen.

Answer: **Gulf of Aden**

17. Given a description, name the part of your car's electrical system FTPE.

This magnetic device exerts force when current flows through the coil.

Answer: **solenoid**

This is the AC generator that supplies power to the car's electrical system.

Answer: **alternator**

This device directs high voltage from the coil to the appropriate spark plugs in turn.

Answer: **distributor**

18. Give these terms about sexual mores from anthropology from a description FTP each.

This is the practice of marrying someone outside one's own social group, i.e. marrying someone from a different clan.

Answer: **exogamy**

This is tracing descent through the female line. For example, a child would take its mother's surname.

Answer: **matrilineal** (accept: cognatic lineage or uterine lineage)

This is general term for the marriage of more than two people, either one man to several women or vice versa.

Answer: **polygamy**

19. For ten points per answer, name these alliances.

Germany, Austria-Hungary, Bulgaria and the Ottoman Empire during World War I.

Answer: **Central Powers**

The 20th century alliance between Argentina, Brazil, and Chile.

Answer: **ABC** alliance or **ABC** Powers (accept reasonable equivalents)

The 1815 entente formed by Great Britain, Russia, Austria and Prussia to regulate European politics after the fall of Napoleon.

Answer: **Quadruple Alliance**

20. FTP each, answer these questions about mathematical advancements.

He developed the coordinate plane while watching a fly crawl on the ceiling.

Answer: **Rene Descartes**

Not only had he memorized *The Aeneid*, but he also first used *i* to represent the square root of negative one.

Answer: **Leonhard Euler**

"In the best of all possible worlds", he would receive sole credit for discovering calculus.

Answer: **Gottfried Wilhelm Leibniz** (or Leibnitz)

21. Identify the Nobel Prize winner of 1998, 1999, or 2000 who wrote the following novels FTPE.

The Tin Drum

A. Gunter **Grass**

Blindness

A. Jose **Saramago**

Soul Mountain

A. Gao **Xingjian** (zing-zhang, I figure)

22. Answer the following about a recent fractious election, FTP each.

Phillippe Seguin and Bertrand Delanoe were struggling to become mayor of this major city.

Answer: Paris

Delanoe wants to become the 1st member of this party to be Paris' mayor since the Commune of Paris in 1871.

Answer: Socialist

Seguin was the hand-picked successor to this former mayor of Paris, who is currently the President of France.

Answer: Jacques Chirac

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