

TOSSUPS – ROUND 7 DENNIS HASKINS OPEN HS QUIZBOWL 2001 – UTC

Questions mostly by your genial quizmaster

1. His original name was Temujin and he was born near Lake Baikal, the son of Yesukai. At the age of 13 he overthrew his father and became tribal chief. By 1206 he had conquered most of the surrounding tribes and set his capital at Karakorum. He eventually conquered China and most of the Middle East. For ten points, name this famous Mongol conqueror.

Answer: **Genghis** (or Jinghis, Chingis, etc.) **Khan**

2. Distinguishing features include the reversed hallux, or first toe, which leads many to think it was descended from the bipedal Coelophysis or Deinonychus. Its suspected early descendants include Hesperornis and Ichthyornis. Ironically, it's classified as order Saurischia, or lizard-hipped, rather than Ornithischia. FTP name this reptile of the Jurassic period, generally considered the first bird.

Answer: **Archaeopteryx**

3. His early works, like 1900's *Little Girl* and the 1898 watercolor *Solitary House*, used traditional techniques. By 1910, this artist increasingly experimented with fractured outlines, as seen in *Still Life with Gingerpot* and *Grey Tree*. From here, he moved to works like *Composition in Grid*. FTP, what Dutchman used squares of bright color in canvases like *New York*?

Answer: Piet **Mondrian**

4. Its capital was destroyed by an earthquake in 1854 and seriously damaged by another in 1986. Most of the population is in a central plateau surrounded by mountains or in the narrow coastal plain. It became independent in 1821 and again in 1841 after the dissolution of the Central American Federation but has continually been subject to foreign interference, dictators such as Hernandez Martinez, and juntas such as those headed by Rivera and Duarte. FTP name the winner of the 1969 Soccer War, the smallest nation in Central America.

Answer: **El Salvador**

5. In 1781 a collection of tales titled *Manual for Merry People* was published. While some can be traced to earlier sources, all are attributed to a retired soldier, hunter and sportsman noted in Hanover for a gift for storytelling. However, these stories were nowhere near as farfetched as the adaptations subsequently published by Rudolph Raspe, who inflated the Hanoverian's reputation. FTP name this raconteur whose minor adventures are far eclipsed by his fame as a teller of tall tales.

Answer: Karl Friedrich Hieronymus, Baron (or Freiherr) von **Munchhausen** [accept Hieronymus]

6. There are 5 current major leaguers with this surname. Gerald is an outfielder for Tampa Bay, Mike is the closer for the Pirates, Woody is a starting pitcher for the Padres, Matt is a veteran 3rd baseman now with Arizona, and Bernie is the star centerfielder for the Yankees. FTP name this last name, whose most famous major league example is the Red Sox legend Ted.

Answer: **Williams**

7. Nearly successful models of these have been constructed using a highly compact form of carbon, but as of today, they still exist only in theory. It was the struggle to perform calculations relating to these using classical physics that led to the development of the first principles of quantum mechanics. FTP, name this concept similar to a black hole, but that is any object that absorbs all radiation hitting its surface without reflecting or emitting any radiation of its own.

Answer: **blackbody**

8. It was a response to excessive land taxation, high legal costs, and economic depression following the American Revolution. Armed mobs prevented the sitting of courts at Northampton, Worcester, Great Barrington, and Concord. Militia under General William Shepard prevented the seizing of the federal arsenal at Springfield, and the revolt was quashed. For ten points, name this 1787 Massachusetts rebellion.

Answer: **Shays' Rebellion**

9. His affinity for the symbolist poets can be seen in his songs, which include settings of verse by Verlaine, Mallarmé, and Louys. Like the symbolists, his concern was with interior feelings and impressions rather than the outside world and its conventions. His harmonic style included chords in which the sense of tonality is weak and harmonic progressions with no firm anchorage. FTP name this composer of the ballet *Jeux*, the opera *Pelleas et Melisande*, and a longer work based on a Mallarmé text, the orchestral *Prelude to the Afternoon of a Faun*.

Answer: Claude **Debussy**

10. In the second act, Bobo confesses that he and Willy did not in fact go to Springfield to purchase a liquor license, and Walter Younger realizes that he has lost the money needed to pay the rent and send his sister to school. FTP, name this play by Lorraine Hansberry, whose name comes from a Langston Hughes poem.

Answer: **A Raisin in the Sun**

11. This philosopher defended his faith in *The Reasonableness of Christianity*. In 1669, he wrote the constitution for the colony of Carolina, and this experience in state-building convinced him to write 1690's *Two Treatises on Government*. FTP, name this British empiricist who also wrote *An Essay Concerning Human Understanding*.

Answer: John **Locke**

12. Both the British and Soviet governments censured him and tried to curtail his powers in the wake of the Suez crisis. He earned their wrath by extending the idea of military intervention from the simple stationing of observers to the interposition of substantial emergency forces between the would-be belligerents. His successors never further developed the position's power, being unsure of their position and perhaps wary of possible unexplained plane crashes. FTP name the second Secretary General of the UN.

Answer: Dag **Hammaraskjold**

13. Evolution may not always work out quite for the best of the species in question. For example, even though an allele may increase fitness, it may still be phased out, through chance, of a species' population. FTP, name this phenomenon, which can also work in reverse, causing a less helpful allele to become fixed in a population, and which is much more commonly found in small populations.

Answer: **genetic drift** (accept: Sewall-Wright effect or genetic sampling error)

14. The crux of this poem, composed of two parts of five sections apiece, is the separation of two lovers, Gabriel and the title character, after the British takeover of Nova Scotia. However, it might be better known for its thumping opening: "This is the forest primeval. The murmuring pines and the hemlocks, Bearded with moss..." FTP, name this Longfellow poem.

Answer: "**Evangeline**"

15. This man is responsible for the first mathematical renaissance on Christian soil. In 1202 he published his great work, the *Liber Abaci*. He proved his mathematical brilliance before the Emperor by answering three problems posed by John of Palermo. FTP give the more familiar name of Leonardo of Pisa, who developed the series: 1, 1, 2, 3, 5, 8, 13.

Answer: **Fibonacci** (accept early: Leonardo of Pisa)

16. Born on what is now Groundhog's Day in 1882, this man began to wear an eyepatch many years later when he developed an eye condition. He lived with his wife 25 years and had two children before they married. Samuel Beckett was his secretary and he dictated some of his last novel to Beckett, which begins "riverrun past Eve and Adams." FTP, name the author of "Ecce Puer", *Chamber Music*, *Finnegans Wake*, and *Ulysses*.

Answer: James **Joyce**

17. Ishiro Honda, who died 1993 at age 81, didn't make cars, he made movies. You're probably familiar with his most famous movie, which led to later encounters between its protagonist and the Smog Monster, Mothra, and other fellow freaks. The original 1954 epic also spawned a 1998 remake with Matthew Broderick. For ten points, what's the name of Honda's big lizard, the scourge of Tokyo and now New York, an accidental byproduct of nuclear testing?

Answer: **Godzilla** (accept Gojira from some real showoff)

18. On signing a bill in 1956, the president said, "Together, the united forces of our communication and transportation systems are dynamic elements in the very name we bear – United States. Without them, we would be a mere alliance of many separate parts." Depending on which signs you read, the resultant project is dedicated either to that President or to the Tennessee senator who not only conceived it, but came up with national defense as a reason to get the President excited about it. FTP, name either the 1956 act or the massive public works project it created.

Answer: **Federal Highway Act** of 1956 (or **Interstate Highway Act**) or **Interstate Highway** and National Defense System

19. A legend in the field of organic and physical chemistry, he pioneered new theories on molecular orbitals and bonding, electronegativity, and the molecular cause of sickle cell anemia. He holds the 1954 Nobel Prize in Chemistry and the 1962 Nobel Peace Prize for his efforts in ending nuclear weapons tests. FTP name this man best known for his "beta plated sheet" and his book "The Nature of the Chemical Bond."

Answer: Linus **Pauling**

20. Besides the fullest text of his exploits, he is depicted in five short poems – one on his death, one on him and Huwawa, one on him and Agga of Kish, one on him and the Bull of Heaven, and one on him, Enkidu, and the Nether World. His tale is known mostly from 12 incomplete Akkadian language tablets from the library of King Ashurbanipal. FTP name this hero of Babylonian myth.

Answer: **Gilgamesh**

21. It was originally called CONELRAD, which stood for Control of Electromagnetic Radiation. It might be reduced with the demise of the Soviet threat. For ten points, this is a test. Give me the attention signal of your buzzer followed by the official news of what three-word term by which CONELRAD is better known. This is only a test.

Answer: Emergency Broadcast System or Emergency Alert System

22. Born in Arlington, VA, this Vanderbilt graduate in Psychology got her nickname from a nursery rhyme. As an outspoken critic of violent lyrics in popular music, she co-founded the Parents Music Resource Center. FTP, name the author of the book "Raising PG Kids in an X-Rated Society," who happens to be the wife of a former presidential candidate.

Answer: Mary Elizabeth "**Tipper**" **Gore**

23. The 1547 book *The Errors of the Gazarii* defined them as a sect that had regular assemblies to satisfy their lust, anger, and gluttony. Jacob Sprenger and Henry Kramer wrote a 1486 book against them entitled the *Malleus maleficarum*, and their prosecution was common from the 15th to 17th centuries in locales like France, Germany, and Salem, Massachusetts. FTP, give the term for Devil-worshippers often charged with eating children and using charmed brooms for transportation.

Answer: **witches**

BONI – ROUND 7

DENNIS HASKINS OPEN HS QUIZBOWL 2001 – UTC

1. Why history majors are seldom shocked by the news, chapter 2. F5PE name the President from mistresses:

a) While in the military he had an affair with his driver, Kay Summersby

Answer: Dwight D. **Eisenhower**

b) His wife ended all intimacy with him after finding his incriminating letters to Lucy Mercer.

Answer: **Franklin D. Roosevelt**

c) Some historians still maintain that his nephew, not this President, is the most likely lover of Sally Hemings and father of her children.

Answer: Thomas **Jefferson**

d) In her book *The President's Mistress*, later corroborated by independent evidence, Nan Britton claimed she conceived a child by this President in a White House closet when she was only 19.

Answer: Warren G. **Harding**

e) Among his verified dalliances were Marlene Dietrich, Judith Campbell, and suspected spy Inga Arvad.

Answer: John F. **Kennedy**

f) Rumors of a longstanding relationship with Jennifer Fitzgerald were never proven but did lead to the Washington Post's wry observation that Ms. Fitzgerald had served under him in a variety of positions.

Answer: George [not W.] **Bush**

2. Sedimentary rock, igneous rock, metamorphic rock, or Chris Rock. F5PE match the above with the following.

Granite

Answer: igneous rock

Marble

Answer: metamorphic rock

Shale

Answer: sedimentary rock

Obsidian

Answer: metamorphic rock

Gypsum

Answer: sedimentary rock

Basalt

Answer: igneous rock

READERS'S NOTE: If anyone says "sedimentary, my dear Watson," you might mention that your genial quizmaster made that same joke in junior high school circa 1971.

3. The LaserLight Music CD *Power Classics!* bills itself as "classical music for your active lifestyle" and shows people biking, skiing, and playing volleyball on the cover. Memo to Marketing Department: Nice try. Given works you're expected to exercise to, name the composer FTPE

1. Ride of the Valkyries

Answer: Richard **Wagner**

2. Overture from *The Bartered Bride*

Answer: Bedrich **Smetana**

3. Soldier's Dance from *William Tell*

Answer: Gioacchino **Rossini**

4. Identify these plays by Henrik Ibsen, FTP each
Halvard Solness is an architect with acrophobia.

Answer: **The Master Builder**

She is blackmailed by Judge Brack and kills herself.

Answer: **Hedda Gabler**

Dr. Thomas Stockmann tries to warn the people of his town about an environmental health hazard. Guess how popular THAT makes him.

Answer: **An Enemy of the People**

5. While Kate Hudson was upset in a heavily favored bid for Best Supporting Actress, *Almost Famous* did get a nice consolation Oscar for its writer-director in Best Original Screenplay. FTPE answer the following:

a) The writer-director in question, his other films include *Jerry Maguire* and *Fast Times at Ridgemont High*

Answer: Cameron **Crowe**

b) The film centers on a young journalist's roadtrip with this fictitious midlevel rock band from Troy, MI.

Answer: **Stillwater**

c) Kate Hudson's character is a Band-Aid (don't call her a groupie!) who takes this Beatles song as her name.

Answer: **Penny Lane**

6. Identify these biblical characters FTP each.

This man was surprised to hear his donkey speak against his many beatings.

Answer: **Balaam**

At his prayer God turned the sun back ten steps and added 15 years to his life when on his deathbed.

Answer: **Hezekiah**

Sometimes cited as the first observer of a UFO, he was the witness of the reanimation of a valley of dry bones.

Answer: **Ezekiel**

7. Name these characters from *Ivanhoe* FTP each.

He is the father of Wilfred, the knight of Ivanhoe.

Answer: **Cedric** the Saxon

Initially, Ivanhoe wants to marry this ward of his father's though she is promised to Aethelstane and is a bit mild.

Answer: **Rowena**

The daughter of Isaac of York, Ivanhoe is drawn to her character and charm.

Answer: **Rebecca**

8. Got milk? FTPE answer the following about that ubiquitous dairy product:

1. In 1856 this inventor, who also played a key role in early Texas government, patented the first successful process for condensed milk.

Answer: Gail **Borden**

2. There are several different versions of this process, such as the high-temperature short-time method, the batch method, and the ultrahigh-temperature method -- all of which involve heating milk to kill disease-causing bacteria.

Answer: **pasteurization**

3. The main protein in milk, it's used in the manufacture of waterproof glues, plastics, and paints.

Answer: **casein**

9. Name the following people associated with the Crusades.

For ten points, this pope issued the call for the first Crusade November 29, 1095.

Answer: Urban II

For ten points, this man is the most well known preacher of the popular Crusades.

Answer: Peter the Hermit (accept Peter of Amiens)

Three European monarchs banded together for the Third Crusade. Name two of the three for 5 points per answer.

Answer: Richard I of England (accept Richard the Lionhearted), Holy Roman Emperor Frederick I (accept Frederick Barbarossa), and Philip II of France (accept Philip Augustus)

10. The UTC team's resident computer expert, Kelly, tells me these things matter. FTPE:

1) The main system processor in a computer system is controlled by this signal which can be multiplied in order to process instructions much faster internally.

System Clock

2) This proprietary 32-bit bus architecture could transfer up to 20 megabits of data per second while clocked at 8 megahertz. It was used in the PS/2 computer systems built by IBM.

MCA

3) Early computer display equipment produced only two monochrome colors. FTPE what were these two colors, widely used because they fall within the frequency of the visible spectrum to which the eyes are most sensitive?

Green, Amber

11. TRAVELS WITH CHARLIE: On that same roadtrip last weekend, Charlie & co. also listened to Yankovic's "Polka Power!" from the album "Running With Scissors." Again, name the original artist of these polkafied songs FTPE:

a) "Walkin' on the Sun"

Answer: Smashmouth

b) "Intergalactic"

Answer: the Beastie Boys

c) "Tubthumping"

Answer: Chumbawamba

d) "Push"

Answer: Matchbox 20

e) "Semi-Charmed Life"

Answer: Third Eye Blind

f) "Sex and Candy"

Answer: Marcy Playground

12. FTPE given works name the Russian author, or for 5 if you need better known works.

1. 10pts- Over the Barriers and The Childhood of Luvers

5pts- Dr. Zhivago

Answer: Boris **Pasternak**

2. 10pts- A Month in the Country and Torrents of Spring

5pts- Fathers and Sons

Answer: Ivan **Turgenev**

3. 10pts- Cossack Tales and Taras Bulba

5pts- The Overcoat and The Inspector General

Answer: Nikolai **Gogol**

13. In 1967 three Mideast nations planned a joint war against Israel. On paper they had the upper hand, but they suffered a disastrous defeat. First, FTP, give the popular name for that war, taken from its brevity.

Answer: the **Six Day War**

For 5 points each and a 5 point bonus for all 3 correct, name the three Arab countries defeated by Israel.

Answer: **Egypt, Syria, and Jordan**

14. Three resistors – respectively, 6 ohms, 4 ohms, and 2 ohms, are connected in a series with a 3-volt battery. FTPE:

1. How much current will flow through the circuit?

Answer: **0.25 amps**, or **_ amp** [$I = V/R = 3/12$]

2. What is the voltage across the 6 ohm resistor?

Answer: **1.5 volts**, or **1 _ volts**

3. If the resistors were connected in parallel rather than in series, what would be the effective resistance of the circuit?

Answer: **12/11 ohms**, or **1 1/11 ohms**, or roughly **1.1 ohms** ($1/R = 1/R_1 + 1/R_2 + 1/R_3 = 1/6 + _ + _ = 11/12$]

15. **TRAVELS WITH CHARLIE:** In May 1999, Charlie attended an art show by the kindergarten class of his older daughter. Given the titles of works copied by Ansley and her fellow artistes, name the original artist on a 5-10-20-30 basis:

1. Figure 5 in Gold

Answer: Charles **DeMuth**

2. Snap the Whip

Answer: Winslow **Homer**

3. Beasts of the Sea

Answer: Henri **Matisse**

16. 30, 20, 10 name the American.

30 – A liberal Whig, he a founding member of the Republican party and an ardent anti-slavery activist, but would later signed the bail bond of Jefferson Davis.

20 – He created the Liberal Republican Party and ran for President on its ticket against U. S. Grant, and polled over 40% of the popular vote but got only 4 electoral votes. That's what happens when you die right after the election.

10 – He is most associated with the newspaper he created and edited, the *New York Tribune*.

Answer: Horace **Greeley**

17. Just for a moment let's indulge Charlie in his county fixation. Given a list of counties with distinctive names, give the state where you'd find them F5PE.

1. Westchester, Rensselaer, Chautauqua, Saratoga

Answer: **New York**

2. Multnomah, Coos, Klamath, Hood River

Answer: **Oregon**

3. Pinellas, Leon, Flagler, Brevard

Answer: **Florida**

4. Breckinridge, Crittenden, Harlan, Bourbon

Answer: **Kentucky**

5. Fond du Lac, Door, Sheboygan, Eau Claire

Answer: **Wisconsin**

6. Tunica, Yazoo, Choctaw, Tallahatchie

Answer: **Mississippi**

18. FTPE given the definition of an economics term, give the term

1. This is the extent to which a purchase was paid for with borrowed money. It amplifies the potential gain or loss for the purchaser.

Answer: **leverage**

2. This term is defined as a company finding itself forced to buy back its own shares for more than the going market price to avoid a threatened hostile takeover.

Answer: **greenmail**

3. This is the discretionary payment by a corporation to its shareholders, usually in the form of cash, stock shares, or other property.

Answer: **dividend**

19. Given some key psychological concepts, name the psychologist who most popularized the terms, FTP each.

neurosis, dream analysis

Answer: Sigmund Freud

mythic archetype, collective unconscious

Answer: Karl Jung

inferiority complex, individual psychology

Answer: Alfred Adler

20. FTP each, answer the following questions about an American novel.

Addie Bundren's death is the central event in this 1930 novel.

Answer: *As I Lay Dying*

Name any of Addie's four sons.

Answer: Cash or Darl or Jewel or Vardaman

Finally, what Mississippi native wrote *As I Lay Dying*?

Answer: William **Faulkner**

21. FFTPE given a description of a process or reaction name it.

15) When you chemically alter your hair you are breaking down its structural proteins. This process can also be accomplished using heat and is especially disruptive for enzymes.

Answer: **denaturing**

15) That tiny scratch on your car door allows water to touch the iron metal and in the presence of oxygen the entire scratch begins to rust.

Answer: **Redox** reaction or **Oxidation Reduction** reaction

22. 30-20-10. Name this composer.

30 – His astonishing output includes 377 arrangements of Scottish and Welsh airs.

20 – He has been called the “father of the symphony” and was one of the consummate artists of the classical style of music.

10 – His most famous works include *The Bird* quartet, the oratorios *The Creation* and *The Seasons*, and the *Surprise Symphony*.

Answer: Franz Joseph **Haydn**