

UIUC Earlybird 2006 - Round 2
(Tossups by UIUC Academic Buzzer Team)

1. Called the “self-created, to whom none had given birth,” the “lord of divine words,” and the “heart of Ra,” this patron of the arts, hieroglyphics, science, and wisdom was believed to be the author of the Book of the Dead. When Horus and Set fought, he was the judge, and one of his most important duties was to write down the results of the weighing of the heart of a deceased entering the afterlife. FTP, name this ibis-headed Egyptian god often associated with writing.

ANSWER: Thoth

2. As a teenager, this person was shot by Harriet Bird but survived. He was first discovered by Sam Simpson, but Sam died on the way to this man’s first tryout. Red Blow does his best to steer him out of trouble, but both Judge Banner and Gus Sands attempt to bribe him to throw the final game that would give the Knights the pennant. FTP, name this famous fictional baseball player, the main character in Bernard Malamud’s The Natural.

ANSWER: Roy Hobbs

3. J.G. Fichte’s early works so resembled this person’s in style that they were misattributed for a time. A student of Christian Wolff, this thinker posited the nebular hypothesis in Universal Natural History and Theories of the Heavens and tried his hand at international politics in Project for a Perpetual Peace, an application of his best-known moral idea, which was first posited in Foundations of the Metaphysics of Morals. FTP, name this philosopher who expounded on his categorical imperative in the Critique of Practical Reason, which he wrote as a professor in Königsberg, Germany.

ANSWER: Immanuel Kant

4. Pencil and Paper Ready. How many unique arrangements are there of the letters in the word ALGEBRA? This problem can be done easily if you first note that there are seven letters in the word, but A is repeated twice, thus we must divide seven factorial by two factorial. The multiplication can be further simplified if you note that 5 factorial is 120. FTP, what is seven times 360?

ANSWER: 2520

5. At the end of each of the three stanzas of this poem, the narrator states that the title figure is “fallen cold and dead”. This is established further in the last stanza, as he does not answer, nor does he feel the narrator’s arm. The trip is over, and the prize was won, but at the end, the narrator walks the deck mournfully. FTP, name this poem, one of several poems dedicated to Abraham Lincoln by Walt Whitman.

ANSWER: O Captain, My Captain

6. When this person’s master sent him to Boston, he applied for a job as a whaler and didn’t come back to Boston for another 20 years. When he came back, a British soldier shot a boy while being taunted, after which this man was inspired to make a speech about striking back against the British. On March 5, 1770, he sounded the fire alarms, calling them to solve the British problem, and in the ensuing shooting, Samuel Gray, James Caldwell and three others were killed. FTP, identify this black man, the first killed during what would be called the Boston Massacre.

ANSWER: Crispus Attucks

7. His young son Dylan began calling him by his first and last name after seeing him on TV for so long; his appearances that included spots for AT&T and Allstate. He grew up mostly in South Korea and Singapore and later did two years of missionary work in Spain. This resident of Murray, Utah has a new book called Brainiac: Adventures in the Curious, Competitive, Compulsive World of Trivia Buffs, but, FTP, who is better known for his historic run on the television game show Jeopardy!

ANSWER: Kenneth Wayne Jennings III

8. Upon hearing a false rumor that he was dead, Thebes revolted, and he rushed south and sacked the city except for Pindar's home and the temples. When the son of Parmenion was implicated in a conspiracy against him, he killed both Parmenion and his son, alienating his soldiers. The Egyptians saw him as the son of Amon-Ra and, after sacking, Persepolis he became the ruler of the Persian empire. FTP, name this son of Philip II of Macedon, a man whose conquests went as far east as northern India.

ANSWER: **Alexander the Great** (or **Alexander III**)

9. For his first film, he directed the first feature-length film made in Hollywood, The Squaw Man, in 1913. He formed a production company with Jesse Lasky and Sam Goldwyn that later became Paramount Pictures. His fame was so great that he was paid \$10,000 to play himself in Billy Wilder's Sunset Blvd. FTP, name this man noted for his style of putting more money into production value than into big name stars; the director of Cleopatra and The Ten Commandments.

ANSWER: Cecil B. **DeMille**

10. This state's highest point, Granite Peak, features a plateau called "Froze-to-Death." The four designs voted on for its 2007 state quarter included a bull elk, a bison skull, and two featuring the words "Big Sky Country." Because its population is still under one million, its Senators Conrad Burns and Max Baucus represent two-thirds of its Congressional delegation. FTP, name the state adjacent to more Canadian provinces than any other.

ANSWER: **Montana**

11. Schmieder assembled the authoritative catalogue of this person's work, the BWV. Re-discovered by Mendelssohn in 1829, this artist's English Suites inaugurated the genre of keyboard partitas, while his Cantatas and Orgel-Büchlein are among the most frequently performed works of sacred music. This composer's immortal works include a Mass in B minor, the St. Matthew Passion, a Toccata and Fugue in D minor, and the Brandenburg Concertos. FTP, name this notable admirer of Buxtehude [BOOKS-tuh-you-duh] and Kantor of the Leipzig Tomaskirche [TOM-us-ker-kuh], the most notable composer of the German Baroque.

ANSWER: **Johann Sebastian Bach** (accept Johann **Sebastian Bach**; prompt on "Bach" or "J. Bach" or "Johann Bach")

12. Though it isn't length, in the cgs system of units, this quantity is measured in centimeters; this makes sense because it can be viewed as a purely geometric property of an object. For two parallel conducting plates, this quantity is proportional to the area of the plates and inversely proportional to the plate separation. FTP identify this electrical quantity defined as the ratio of charge to voltage on a body and that, in the SI system, is measured in Farads.

ANSWER: **capacitance**

13. This person depicted a subject close to his heart in The Little Fur and Venus and Adonis, namely, his third wife Helena Fourment, who also appears on the left in his Garden of Love. His second career as an ambassador led to the Allegory of Peace and War, which may have motivated Charles I to choose him to decorate the ceiling of the royal Banqueting Hall at Whitehall Palace. FTP, name this painter known for his decoration of the Luxembourg Palace with scenes from the life of Marie de' Medici; a German-born Belgian painter known for the plumpness of his female nudes.

ANSWER: Peter Paul **Rubens**

14. Nöldeke's 1860 History of this book was highly influential for a number of years. The title of Hafez is reserved for someone capable of reciting its entirety; this work is split into thirty ajza' for purposes of recitation, but it is more conventionally divided into one hundred sixteen chapters, known as surahs. FTP, name this self-described "well-preserved tablet" that is held to be co-perfect and co-equal with Allah as the chief holy book of Islam.

ANSWER: the **Qur'an**

15. James Joyce utilized these kinds of words in Finnegans Wake, though they were created hundreds of years earlier when Humpty Dumpty explained what they were using the word slithy. Coming from the French for “coat rack,” historical examples include Gestapo and Californication. FTP, Lewis Carroll created what kind of word that is a combination of two words “packed up” into one?

ANSWER: **portmanteau** words

16. This body’s inner membrane increases its surface area-to-volume ratio by many folds known as cristae. This membrane-enclosed system’s genetic properties lead to the endosymbiotic hypothesis, the idea that it originated as a captured prokaryote. This organelle has its own DNA which, in humans, is inherited only from the mother. ATPase proteins permeate this cellular organelle’s membranes since its function is to create ATP. FTP, identify this organelle, the “powerhouse” of the cell.

ANSWER: **mitochondrion** (or **mitochondria**)

17. Martin Dies was the first chairman of this and Richard Nixon was a member of it. In 1969 it was renamed the Internal Security Committee, though it was abolished six years later. In 1947, it charged Alvah Bessie, Herbert Biberman and eight others in the entertainment industry with contempt and sent the Hollywood Ten to prison. FTP, name this Congressional committee which was used by Joseph McCarthy to rise to power.

ANSWER: **House Un-American Activities Committee**

18. This person’s father was a military governor appointed by Emperor Sigismund II and a member of the Order of the Dragon. When his father was assassinated and his brother Mircea buried alive, he vowed to have revenge. Upon claiming the throne of Wallachia, he invited the boyars to a feast and then arrested them, beginning his reign of terror. FTP, name this famous count who is notorious for having people executed by impalement.

ANSWER: **Vlad** the **Impaler** (accept **Vlad III** or **Vlad Dracula** or **Vlad Tepes**; prompt on “Vlad”)

19. While serving as a professor in São Paulo, Brazil, this person did research on the natives there, resulting in Tristes Tropiques. In the first book of his Mythologiques series, The Raw and the Cooked, he examines a Bororo myth and its variations all around the world. The school of thought he developed believes that all cultures are built around the four relationships of brother and sister, husband and wife, father and son and the mother’s brother and the sister’s son. FTP, name this French anthropologist most famous for publishing his first major work, The Structure of Kinship in 1949.

ANSWER: Claude **Lévi-Strauss**

20. Events culminating in the event with this nickname started with the dismissal from a factory of four workers from who happened to be members of a union headed by Father George Gapon. Over the next few days, over 100,000 workers went on strike and Father Gapon wrote a petition which was signed by over 150,000 people. A large procession followed him when he tried to present it to the czar and, upon arriving at the palace, they were fired upon. FTP, give the sanguine nickname for the events of January 22, 1905 in St. Petersburg, Russia.

ANSWER: **Bloody Sunday**

21. For simple molecules, the atom with the lowest value of this is likely to be the center. When determining the nature of a bond between atoms, the difference in this quantity can indicate whether or not that bond is ionic. Although there are many scales used to measure this quantity, the Pauling scale is the only one discussed in elementary chemistry classes; it arbitrarily sets the maximum at 4. Fluorine has the highest value of, FTP, this chemical property that is the tendency of an atom to attract electrons to itself.

ANSWER: **electronegativity**

22. In the first edition, Lewis Theobald is given the leading role, but in the final edition, Colley Cibber is named emperor. In the third book, Cibber falls asleep, and sees the past, present, and future, where Dullness rules over all. In the fourth book, Dullness’ reign extends to scholarship, art, and science. Alexander Pope attacks his critics in, FTP, what work, the “dunce-epic?”

ANSWER: **The Dunciad**

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(Bonuses by UIUC Academic Buzzer Team)

1. Identify these things from thermodynamics FTPE.

[10] This is the transitive law for thermodynamic systems. It states that if A is in thermal equilibrium with B and B is in thermal equilibrium with C, then A must be in thermal equilibrium with C.

ANSWER: **zeroth** law of thermodynamics

[10] The second law of thermodynamics states that this thermodynamic quantity must increase over time for an isolated system.

ANSWER: **entropy**

[10] According to the third law of thermodynamics, this is the entropy of a crystalline solid at absolute zero.

ANSWER: **zero**

2. Name the following participants in the neoclassicist movement FTPE.

[10] This favorite of Napoleon created Madame Recamier, The Lictors Bring to Brutus the Bodies of His Sons, The Oath of the Horatii, The Death of Socrates, and Death of Marat.

ANSWER: Jacques-Louis **David** [dah-VEED]

[10] Noted for his longevity and proclivity for female nudes, this portraitist created Apotheosis of Homer in a neoclassical period, but is better known for The Turkish Bath and La Grand Odalisque.

ANSWER: Jean-Auguste-Dominique **Ingres** [AHN-gruh]

[10] This foremost neoclassical sculptor created such marbles as Napoleon Bonaparte as Mars Pacificator and Pauline Borghese as Venus Victorious, which is hated by every woman I know for some reason.

ANSWER: Antonio **Canova**, marquis d'Ischia

3. Give the charge on each of these polyatomic ions FTPE.

[10] Nitrate.

ANSWER: **minus one** (accept **one minus**)

[10] Dichromate.

ANSWER: **minus two** (accept **two minus**)

[10] Thiocyanate.

ANSWER: **minus one** (accept **one minus**)

4. Maslow's hierarchy of needs is commonly shown pictorially as a pyramid. Given these descriptions, identify the described level of Maslow's hierarchy of needs FTPE.

[10] At the base of the pyramid are these needs, which are the most basic of all. They include things such as water, food, and, allegedly, sleep.

ANSWER: **physiological** needs

[10] This second level of Maslow's pyramids consists of the most basic desires of human beings.

According to Maslow these needs come before love and friendship.

ANSWER: **safety** needs (or **security** needs)

[10] At the top of Maslow's pyramid is this state, in which a person has all of their needs fulfilled. People who have reached this state have learned how to use their unique skills to live their life the best they can.

ANSWER: **self-actualization**

5. Answer the following about biochemistry FTPE.

[10] This term denotes carbon-containing compounds that are produced by organisms. The incorrect belief that compounds of this kind are produced only by living things is known as vitalism.

ANSWER: **organic**

[10] Vitalism was debunked in 1828 when Friedrich Wöhler produced this nitrogenous organic waste, H_2NCOH_2 , by reacting ammonium and cyanate.

ANSWER: **urea** (or **carbamide**)

[10] A 1953 experiment by this University of Chicago student and Harold Urey showed that amino acids may be spontaneously synthesized by an electric discharge in conditions similar to those on primordial Earth.

ANSWER: Stanley **Miller**

6. Name these things related to One Hundred Years of Solitude, FTPE.

[10] This Chilean is the author of One Hundred Years of Solitude.

ANSWER: Gabriel Garcia **Marquez**

[10] This is the town in which the story takes place. It was originally believed to have no connection to the outside world. When it was founded, it only had twenty adobe houses.

ANSWER: **Macondo**

[10] Name the family central to the story that resides in Macondo. José Arcadio thinks ice is the greatest invention, and Úrsula accidentally discovers the path connecting the village to other places.

ANSWER: **Buendía** family

7. Name the battles from the Napoleonic Wars FTPE.

[10] Also known as the Battle of the Three Emperors, this August, 1805 battle is a major event in Tolstoy's War and Peace.

ANSWER: Battle of **Austerlitz**

[10] This 1812 French defeat by the Russians under the command of General Mikhail Kutusov, was the single bloodiest battle during the wars.

ANSWER: Battle of **Borodino**

[10] This 1805 naval battle was won by England, but Admiral Horatio Nelson died in the fighting.

ANSWER: Battle of **Trafalgar**

8. Answer the following about a Greek hero FTPE.

[10] Accused of rape by Sthenoboea, this somewhat devious Corinthian hero was sent by king Proteus of Argos to Lydia to be disposed of. However, a bridle provided by Athena allowed him to avoid death.

ANSWER: **Bellerophon** (or **Hipponous**)

[10] Bellerophon used his magic bridle to capture and tame this winged horse. With its help, he made the Chimera eat lead, killing it.

ANSWER: **Pegasus**

[10] This king of Lydia set for Bellerophon the task of slaying the Chimera. When Bellerophon succeeded, he saw the error of trying to kill the man and gave Bellerophon his daughter in marriage.

ANSWER: **Iobates**

9. The television poker boom has led to new “careers” for a number of professional players. FTPE:

[10] He won the 2000 European Finals of Poker at the Aviation Club in Paris, now a stop on the World Poker Tour, which he co-hosts.

ANSWER: Mike **Sexton**

[10] This former attorney in the Los Angeles District Attorney's office won two World Series of Poker bracelets in 2005 and is a co-host of the Professional Poker Tour.

ANSWER: Mark **Seif**

[10] This two-time winner from the first season of the World Poker Tour occasionally picks up the microphone as a poker commentator for Fox Sports.

ANSWER: Howard **Lederer**

10. Name these characters from Oedipus Rex FTPE.

[10] He returns from the Oracle at Delphi to tell Oedipus that the plague will leave Thebes when the murderer of King Laius is killed or banished.

ANSWER: Creon

[10] He is lead by a small boy because he is blind, and Oedipus accuses him of being part of a plot with Creon to remove Oedipus from power.

ANSWER: Tiresias

[10] She was Laius' wife but is now married to Oedipus. Upon learning that she married her son, she kills herself.

ANSWER: Jocasta

11. Answer the following about movements to ban alcohol consumption in the United States FTPE.

[10] This leader in the temperance movement in the late 19th century was infamous for tearing up bars with a hatchet.

ANSWER: Carrie Nation

[10] Also known as the National Prohibition Act, it prohibited the manufacture, transportation and sale of beverages containing more than 0.5 per cent alcohol.

ANSWER: the Volstead Act

[10] This amendment, passed in 1933, effectively ended Prohibition.

ANSWER: the 21st Amendment

12. FTPE find the following trigonometric values.

[10] The sine of x given that the cosine of x is one third.

ANSWER: two square root two over three (accept square root eight-ninths or other equivalents)

[10] The tangent of x given that the secant of x is two.

ANSWER: square root of three

[10] The cotangent of x given that the cosecant of x is square root three.

ANSWER: square root of two

13. Answer the following about the Russo-Japanese War FTPE.

[10] The war began when Japan, without declaring war, attacked the Russian fleet at this port.

ANSWER: Port Arthur

[10] In May, 1905, the Japanese fleet under Count Togo defeated the Russian Navy at this major battle.

ANSWER: the Battle of Sushima Strait

[10] This peace treaty, negotiated by President Theodore Roosevelt, ended the war in 1906.

ANSWER: the Treaty of Portsmouth

14. Answer each of the following about the literature of a certain country FTP.

[10] The "Five Classics" comprise some of the earliest of this nation's extant literature. Some of the vernacular fiction from its Yüan Dynasty is attributed to Lo Kuan-chung.

ANSWER: China (accept any variation of China)

[10] Among the works attributed to Lo Kuan-chung is this well-known historical epic, which tells of the period following the Han Dynasty during which China was divided into a trio of warring states.

ANSWER: Romance of the Three Kingdoms (or San-kuo chih yen-i)

[10] This foremost Ming comic novel is the magnum opus of Wu Cheng'en. It tells the story of Xuanzang and his overland voyage to India in search of Buddhist sacred texts in which he is joined by a simian demigod.

ANSWER: Journey to the West (or Monkey or Journey to the West or Xiyouji or Hsi-yu chi)

15. Answer the following about a philosopher and his work FTPE.

[10] This editor of the New Testament and author of *The Education of a Christian Prince* was the most important humanist and scholar of the northern Renaissance.

ANSWER: Desiderius **Erasmus** of Rotterdam

[10] Desiderius Erasmus is best known for this sardonic 1511 work in which the title female demigod claims philosophy and theology as her providence in a speech in paean to herself.

ANSWER: The **Praise of Folie** (or **Moriae encomium**)

[10] Erasmus was a great friend and close philosophical ally of this English thinker and Archbishop of Canterbury best known today as the author of *Utopia*.

ANSWER: St. Thomas **More**

16. Name the following books of the Old Testament FTPE.

[10] This middle member of the Pentateuch proscribes the rules of conduct for the priestly tribe. The twenty-third of its twenty-seven chapters lays-out the rules for the Jewish festivals of Passover, Pentecost, and Yom Kippur.

ANSWER: The Book of **Leviticus** (or **Wayiqra'**)

[10] The harangue of a preacher of Jerusalem, this shorter member of the Ketuvim and Megillot often begins in translation "Vanity of vanities; all is vanity."

ANSWER: The Book of **Ecclesiastes** (or **Qohelet**)

[10] This other portion of the Megillot describes the relationship of God to Israel in terms of a king's marriage of a beautiful Shulammitite woman and consists of love poems.

ANSWER: **Song of Solomon** (or **Song of Songs** or **Canticle** of Canticles)

17. Name these medieval monarchs from descriptions FTPE.

[10] This French king led the Seventh and Eighth Crusades and, under his patronage the College of Sorbonne was founded.

ANSWER: **Louis IX** (or **Saint Louis**; prompt on "Louis")

[10] Victorious at the battle of Agincourt, this English king left his infant son as heir when he died in 1416.

ANSWER: **Henry V** (prompt on "Henry")

[10] This successor to Henry II spent only six months of his reign in England as he was off fighting in the Crusades.

ANSWER: **Richard I** (or **Richard** the **Lion**-heart or **Richard** the **Lion**-hearted or **Richard Coeur de Lion**; prompt on "Richard")

18. Given a definition, give the Italian term used in music FTPE.

[10] Meaning "soft," it names a very common modern musical instrument.

ANSWER: **piano**

[10] This is a continuous variation of pitch from one note to another and means "slide."

ANSWER: **glissando**

[10] This is a sequence of notes that would comprise a chord if played simultaneously.

ANSWER: **arpeggio**

19. Answer the following about space travel, 5-10-5-10.

[5] This Russian cosmonaut was the first man to travel in space.

ANSWER: Yuri **Gagarin**

[10] Name the spaceship on which Gagarin made his historic flight.

ANSWER: **Vostok 1**

[5] Less than a month after Gagarin's flight, this American was launched into space.

ANSWER: Alan **Shepherd**

[10] Name the spaceship on which Shepherd made the historic flight.

ANSWER: **Mercury 3**

20. FTPE, given a country, identify its capital.

[10] Portugal.

ANSWER: **Lisbon** (or **Lisboa**)

[10] Suriname.

ANSWER: **Paramaribo**

[10] Azerbaijan.

ANSWER: **Baku**

21. Identify these types of seismic waves FTPE.

[10] This fastest type of wave shakes the ground in the direction of its propagation.

ANSWER: **p**rompt waves

[10] These waves shake perpendicular to the direction of propagation. The difference in arrival time between these waves and p waves can be used to estimate the distance of an earthquake.

ANSWER: **s**econd waves

[10] This type of surface wave causes horizontal shearing on the surface.

ANSWER: **Love** Waves

22. Name these Kate Chopin works from plot descriptions FTPE.

[10] Armand has the priceless layette burned on a pyre because he finds a letter from his mother saying that she is not white, and therefore his child can't be, either. His wife disappears into a swamp.

ANSWER: **Désirée's Baby**

[10] Brentley Mallard is presumed dead in a train accident, so Josephine and Richards tell his wife, Louise. She imagines her life without him when her husband shows up at the door. Deeply disappointed, she dies.

ANSWER: **The Story of an Hour**

[10] Edna Pontellier loves Robert Lebrun, but he leaves for Mexico and she has an affair with Alcéé Aerobin instead. She pursues life as a painter, but ultimately drowns herself.

ANSWER: **The Awakening**