

Noel Erinjeri  
Kidder Cup '03  
Tossups

1. Hannibal Lecter makes reference to him when describing the psychological profile of Buffalo Bill. He attended the priests' college at Salii, and later married Anna Faustina, the daughter of Antoninus Pius, to increase his political power. His reign was an eventful one, in which he defeated a Parthian invasion of Armenia and defeated the barbarians in the Macromannic Wars. He is best known however, for 12 volumes on Stoic philosophy, the Meditations. FTP, identify this man, last of Rome's "Five Good Emperors."

A: Marcus Aurelius

2. The issue of Zeus' seduction of Leda, her brothers were Castor and Pollux, who rescued her when she was kidnapped by Theseus and Peirithous. A contest was held for her hand in marriage, with the winner being determined by her step-father Tyndareus. She killed her third husband by stabbing by him; which combined with the sight of her bare breasts reconciled her to her first husband. FTP, identify this woman, who's kidnapping by Paris was the immediate cause of the Trojan War.

A: Helen of Troy

3. Basically the reverse of the photoelectric effect, it occurs when an electron accelerated through some potential strikes a target. Since the recoil energy of the atoms is so small, almost all the energy is emitted as photons, whose minimum wavelength is determined by the formula  $hc$  over  $eV$ , where  $h$  is Planck's constant,  $c$  the speed of light,  $e$  the electron's unit charge, and  $V$  the size of the electric potential. FTP, identify this type of X-ray spectrum, German for "breaking radiation."

A: brehmsstrahlung

4. He decided on his career by age 15, and in 1921 went to Paris as a student of Nadia Boulanger. His first work premiered at Carnegie Hall in 1925, and his Piano Concerto and Piano Variations reflected the influences of jazz and Stravinsky's Neoclassicism. He composed the scores for the movies "Of Mice and Men" and "The Heiress," and late in life experimented with Schoenberg's 12 tone techniques. FTP, identify this composer, best known for Billy the Kid, Rodeo, and Appalachian Spring.

A: Aaron Copland

5. She played Emma in "Mind Your Knickers," a TV show about a group of ethnically diverse girls at a private school, though by time the series ended she had hit puberty and her chest was "bound up like a mummy." Most of her relatives are dockworkers, though her brother Billy teaches ballroom dance and her Uncle Jackie is a transvestite minister in San Francisco. She became interested in a health career while treating her brothers' many soccer hooligan injuries. FTP, identify this woman, the current wife of Dr. Niles Crane.



A: Daphne Moon Crane

6. Feste "dexterously" proves her to be the fool, for mourning her brother's death though she knows he is in Heaven. Determined to mourn for seven years, she is abruptly brought out of her bereavement by Cesario, though his entreaties were on behalf of someone else. She mistakenly marries Cesario's twin brother Sebastian, but it's just as well, as Cesario is really a girl in disguise, who's in love with Duke Orsino. Much hilarity ensues. FTP, name this Shakespeare character, a heroine of *Twelfth Night*.

A: Olivia

7. It was introduced originally in 1925 by Samuel Goudsmit and George Uhlenbeck of the University of Michigan to explain unexpected results in the Stern-Gerlach Experiment. The concept was refined by Dirac, who demonstrated that it arose from the mathematics of quantum theory, thus providing its theoretical justification. A property of every fundamental particle, this property also determines an associated magnetic moment. FTP, identify this physical property, the fourth quantum number of atomic electrons.

A: spin

8. Dedicated to "the socialists of all parties," it admits the need for government intervention in protecting people from severe privation and disaster, and the need for an international body, but stresses that this should be done by planning for competition and not by planning to replace it. Tracing the effect of socialism on economic life and on the rule of law, it shows that application of 19<sup>th</sup> liberal principles would lead to better results than socialism, which would lead to totalitarianism. FTP, identify this 1944 book by F.A. Hayek.

A: The Road to Serfdom

9. The first casualty of the battle was a pilot who mistook an enemy carrier for his own and tried to land on it, and was shot down for his trouble. The victorious side suffered slightly more casualties, as their major casualty was a fleet carrier, in exchange for a light carrier. However, this battle saved Port Moresby and secured the Allies position on New Guinea, and checked the Japanese advance toward Australia. The first naval engagement fought entirely by aircraft, FTP identify this engagement of May 1942.

A: Battle of the Coral Sea

10. It is this particular aspect of Catholic theology that concerns Bethany, Rufus, Jay and Silent Bob in "Dogma," as they strive to prevent the Loki and Bartleby from proving God wrong and negating all existence. It only would've worked, though, if Loki and Bartleby had received Communion that day and recently confessed. There are 29 different ways to achieve it, and by doing so one is released from time in Purgatory for all sins committed up to that point. FTP, identify this Catholic act, infamously sold by Friar Tetzl in 1520.



A: plenary indulgence (prompt on "indulgence")

11. His first paintings were "The Girlhood of Mary Virgin" and "Ecce Ancilla Domini," but criticism made him turn to watercolors, but upon his return to oil paintings he painted many scenes from The Divine Comedy and Le Morte D'Arthur. Mostly concerned with matter of romantic love, he is best known for his use of intense color and vivid contrast; while his taste in models tended towards redheads. FTP, identify this painter and poet, one of the founders of the Pre-Raphaelites.

A: Dante Gabriel Rossetti

12. Also called the paleopallium, it is thought to correspond to the level of development achieved by primitive mammals. Consisting of several structures organized around the corpus callosum, including the mammillary body, the cingulate gyrus, and the amygdala, its main role is believed to be the processing of emotions and memory. FTP, identify this brain structure whose main components are the pineal gland and the hypothalamus.

A: limbic system

13. The play is an emotional tightrope, as over 25 years Sam Evans, Ned Darrell, and Charles Marsden all fall in love with Gordon's mother, but suffer through various complications; such as the fact Darrell is Gordon's biological father. Somehow, though, every time there's a crisis one of the character's moral qualities keep the others straight, and at the end there is a sense that everything will work out for the best. FTP, identify this play that revolves around the life of Nina Evans, by Eugene O'Neill.

A: Strange Interlude

14. After losing two battlecruisers in ten minutes, Admiral Beatty famously remarked to his flag-captain, "There's something wrong with our bloody ships today, Chatfield." After an initial battle between scouting forces, the British retreated but lured the German fleet into the main body of the Royal Navy, who outnumbered them. The High Seas Fleet took a pounding and then retreated back to Germany after series of confusing night actions, never to sail again. FTP identify this battle, the pivotal naval engagement of World War I.

A: Battle of Jutland

15. Selected in the 6<sup>th</sup> round in the 1982 draft, he won the Smythe and Vezina Trophies in 1986-87. However, a string of injuries over the next few years reduced his effectiveness, and he even spent two seasons in the minors. Dealt to Quebec as part of the Eric Lindros trade, he spent a season with the Islanders before returning to his original team, where he regained his old form and along with Garth Snow managed to goaltend the Flyers into the 1997 Cup Finals. FTP, identify this Hall of Fame goalie, who retired in 1999.



A: Ron \_Hextall\_

16. He first achieved notoriety for "Tiny Mummies!" and "Lost in the Whichy Thickets," a pair of articles satirizing the *New Yorker* and its editor. He has a talent for making any topic interesting, from baby strollers in "The Nanny Mafia" to hemorrhoids in "The Me Generation and the Third Great Awakening." His next novel is about American college life, while his last one, *Hooking Up*, described his feud with Norman Mailer, John Irving, and John Updike. FTP, identify this author, known for his trademark white suits.

A: Tom \_Wolfe\_

17. The mechanism involves the sigma overlap of the pi-orbitals of two unsaturated systems. They can be divided into two types: the multistage type in which the transition state is a di-radical but only one bond is formed; and the synchronous type in which two bonds are formed simultaneously. The best known example, the reaction of 1,3 butadiene and ethene to form cyclohexene, is of the first type. FTP, identify this chemical reaction, named for the two German chemists who discovered it.

A: \_Diels-Alder\_ reaction

18. The subjects were assigned as "teachers" to provide progressively higher electric shocks to "learners" who made a mistake on a simple task. The "learners" were actually actors simulating extreme pain, but two-thirds of the "teachers" proceeded to administer the shocks in response to the orders of the experimenter up to the maximum 450 volts, when the actors feigned unconsciousness or death of the experiment supervisor. FTP, identify this chilling 1962 experiment that demonstrated the nature of obedience to authority.

A: \_Milgram\_ Experiment

19. His roommate is shocked to discover his ignorance of Copernicus' Theory and rates as "nil" his knowledge of literature, philosophy, and astronomy, and his grasp of politics as "feeble." His knowledge of botany and geology is limited to poisons and soils, but within those limits it is tremendous, as is his knowledge of chemistry. He is also a cocaine addict, but for all that he was pretty smart, as 4 novels and 56 short stories attest, as well as several movies. FTP, identify this detective, the most famous resident of 221 Baker St.

A: Sherlock Holmes

20. He was forced to resign in disgrace from the Imperial Academy after rescuing a group of slaves. With a DL-44 blaster on his hip, his friend from planet Kashyyyk at his side, and a ship he won on a bet, he set out on his chosen career. Decorated at the Battle of Yavin, he rose to the rank of general due to great personal valor. FTP, identify this one time smuggler, the husband of Princess Leia.



A: Han \_Solo\_

21. The best account comes from Paolo Sarpi, who wrote it after Venice's struggles against the Papacy in the early 17<sup>th</sup> century. It reaffirmed the existence of purgatory, all the sacraments, justification by works and faith, and the equality of Scripture and tradition, thus refusing any theological compromise. It did correct some church abuses, by abolishing simony and beneficence, and reformed the church hierarchy and the monastic orders. FTP, identify this Church council which met formally from 1545 to 1563.

A: Council of \_Trent\_

22. He has a potbelly and rides a chariot pulled by red horses. He has three legs, four arms, and carries a flaming javelin, and from his mouth issue seven tongues of flame used to consume sacrificial ghee. 8 of the 10 Rig Vedas begin with praises to him, and he is sometimes referred to as Indra's twin brother. More recently, India named its ballistic missile system after him. FTP, identify this Vedic deity, the Hindu God of fire.

A: Agni

23. Son of a tailor, he worked a porcelain painter until his firm went bankrupt in 1858. An admirer of Fragonard, Watteau, and Boucher, he achieved his first success at the 1864 Salon with a painting entitled Esmeralda Dancing With Her Goat. He is best known for work done at the Studio Marc Gleyer alongside Monet and Bazille, such paintings as "Girls Picking Flowers," "The Bathers," and "Dance in the City." FTP, identify this French painter, one of the greatest of the Impressionists.

A: Auguste-Pierre \_Renoir\_

24. His theater credits include the Old Vic and the Royal Shakespeare Company, and won a Tony for his performance in "The Real Thing." Movie roles include Humbert Humbert in 1997's "Lolita," and the priest Gabriel in "The Mission," as well as the voice of Scar in "The Lion King" and as the Simon Gruber in "Die Hard With a Vengeance." FTP, identify this British actor, who won an Oscar for Best Actor in "Reversal of Fortune."

A: Jeremy \_Irons\_

Boni

1. Identify the following plays from quotes FTPE:

X A. "Was this the face that launched a thousand ships, and burnt the topless towers of Ilium?"

A: Doctor Faustus

X B. "O God, I could be bound in a nutshell, and count myself a king of infinite space, were it not that I have bad dreams."

A: Hamlet

✓ C. "Methinks the lady doth protest too much."

A: Macbeth

2. Identify the victorious general at the following Civil War battles, FTPE:

X A. Antietam

A: George McClellan

X B. Chickamauga

A: Braxton Bragg

X C. First Bull Run

A: PGT Beauregard

3. Given the hormone, identify the gland it is produced in, FTPE:

✓ A. epinephrine

A: adrenal gland

X B. progesterone

A: corpus luteum (prompt on "ovary")

X C. adrenocorticotrophic hormone (AcTH)

A: anterior pituitary (prompt on "pituitary")

4. Identify the following inconsequential details of the life of Dr. Evil, FTPE:

A. His foster mother, a 15-year-old French whore named Chloe, had this handicap.

A: webbed feet (accept equivalents)

B. His father would accuse chestnuts of being lazy and claimed to have invented this punctuation mark.

A: question mark



C. His son, Scott, was not grown in a lab but was the result of a one night stand with this leader of the militant wing of the Salvation Army.

A: Frau Farbissina

5. Identify the following economists from titles of their works, FTPE:

A. *Economic Consequences of the Peace, The General Theory of Employment, Interest, and Money*

A: JM Keynes

B. *The Principles of Political Economy and Taxation*

A: David Ricardo

C. *A Monetary History of the United States, Capitalism and Freedom*

A: Milton Friedman

6. Identify the following books given the narrator, FTSNOP:

A. 5: Nick Carraway

A: The Great Gatsby

B. 10: The Keeper of the Tabard Inn

A: Canterbury Tales

C. 15: Susie Salmon

A: The Lovely Bones

7. Identify the following English monarchs noted for their short reigns, FTPE:

A. Crowned at age 15, she lasted only nine days before being overthrown by Mary Tudor.

A: Lady Jane Grey

B. Jane's immediate predecessor, he was Henry VIII's long hoped for son but died young.

A: Edward VI

C. His attempt to return England to Catholicism was resented and he was overthrown by the Glorious Revolution.

A: James II

8. Identify the following regarding the periodic table, FTPE:

A. It was placed in its final form by this Russian scientist, who articulated the principle that chemical properties were a periodic function of atomic number.

A: Dmitri Mendeleev

B. It is sometimes argued that hydrogen should be placed in this group because it requires only a single electron to complete its shell.

A: halogens or 7A

C. The Actinide and Lanthanide series represent the orbitals of the fourth and fifth energy levels designated by what letter?

A: f orbitals

9. Identify the following Assistant District Attorney babes from Law & Order.

A. She was killed in a drunk driving accident while carrying on a torrid affair with Jack McCoy. (note: accept first or last names)

A: Claire Kincaid

B. Kincaid's successor, she left the DA's office after two years to spend more time with her daughter.

A: Jamie Ross

C. The current ADA, the actress playing this character previously played a detective on "Angel."

A: Serena Southerlyn

10. Identify the following regarding non-Newtonian physics, FTPE:

A. The quantity of kinetic energy minus potential energy is known as what?

A: Lagrangian

B. That the change in the Lagrangian is always minimized is stated by what principle?

A: Principle of Least Action

C. The reverse, the potential energy plus the kinetic energy, is called what?

A: Hamiltonian (prompt on "total energy")

11. Identify the following characters from "David Copperfield," FTPE:  
(accept first or last names)

A. David's stepfather, he runs away from him after his mother dies.

A: Edward Murdstone

B. David's grand-aunt, she cares for him after he runs away.

A: Betsy Trotwood

C. David's first wife, she dies young of an unspecified illness.

A: Dora Spenlow

12. Identify the following regarding Israeli history, FTPE.

A. David Ben-Gurion's longtime deputy, he led Israel through the Six Day War.



X  
A: Levi \_Eshkol\_

✓ B. This famous general was the Chief of Staff during the Suez War and Minister of Defense through both the Six Day and Yom Kippur Wars.

A: Moshe \_Dayan\_

C. Brother of a future Prime Minister, he commanded the hostage rescue at Entebbe and was the sole military casualty. ✓

A: Yonatan \_Netanyahu\_

✓ 13. Identify the following Apostles, FTPE:

A. This apostle went to India following Christ's death, and was the inspiration of the verse "blessed are they that have not seen, and have believed"

A: St. \_Thomas\_

✓ B. He went with Peter to Christ's tomb and was the first to believe in the Resurrection.

A: St. \_John the Evangelist\_

✓ C. Judas' replacement, he is now the patron saint of hopeless causes.

A: St. \_Jude\_ Thaddeus

✓ 14. Name the following items from Norse myth, FTPE:

A. The Squirrel of Discord

A: \_Ratatosk\_

✓ B. The snake that gnaws at the root of Ydraggsil, the World Tree

A: \_Nidhogg\_

✓ C. Odin's ravens of wisdom (5 each)

A: *Huginn* and \_Munin\_

X 15. Given the following Haydn Symphonies number, give the name it is known by FTPE

A. #82

A: \_Bear\_ Symphony

B. #45

A: \_Farewell\_ Symphony

16. Identify the following regarding physics FTPE:

A One of quantum physics missing particles is this, thought to carry a fundamental force.

A: \_graviton\_

B. Another missing is this so-called "holy grail," which would the existence of mass.

A: \_Higgs\_ Boson

Stan - 180  
Josh - 85

C. Veltman and T'Hooft won the 1999 Nobel Prize by demonstrating this quality of the electromagnetic and weak forces.

A: gauge invariability

17. Identify the following regarding the French History, FTPE:

A. This was a fairly moderate faction of the National Assembly until the death of Mirabeau and it was taken over by Robespierre.

A: the Jacobins

B. The Jacobins instituted this measure to raise manpower and funds for its war with Austria, it was the first example of total war.

A: levee en masse

C. The Revolutionary period ended when Napoleon replaced this 5 man ruling council.

A: the Directory

18. Identify the following science fiction authors given some of their books, FTPE:

A. The "Lucky Starr" series, "The Gods Themselves"

A: Isaac Asimov

B. "Time Enough for Love," "Rocket Ship Galileo"

A: Robert Heinlein

C. "A Gift From Earth," "Tales of Known Space"

A: Larry Niven

19. Identify the following Freudian reactions given a description, FTPE:

A. Blaming others for feelings experienced oneself

A: Transference

B. Ascribing situation based behavior to flaws in another's character.

A: fundamental attribution error

C. Embracing what one dislikes in order to deny the dislike, like a hater of children becoming a kindergarten teacher.

A: reversal

20. Identify the following physical constants FTPE (note "e-23" is read "times ten to the negative 23<sup>rd</sup>":

A. 1.23e-23 Joules per Kelvin

A: Boltzman Constant

B. 6.67e-11 Newton-meter squared per seconds squared

A: gravitational constant