The Fabulous Unnamed Chicago Tournament II: The Rage, 2003
Tossups by Kathleen Moriarty and Will Baude

1. Before the play begins, he has been wooing Phyllida, disguised as a shepherd boy, Corin. But he returns to the forest to attend the wedding of his former lover, a queen of the Amazons, and quarrels with his wife over the stolen Indian child she refuses to return. Also called the "King of Shadows," he knows the secret of pansy-juice, and gives mischievous orders to his servant Puck. FTP, name this Fairy King from A Midsummer Night's Dream.
Answer: Oberon
2. This was the first American trial to be broadcast live on national radio, though the defendant only faced a $\$ 500$ fine if he lost. The defendant was accused of violating the Butler Act, which had been passed earlier that year. Engineer George Rappelyea saw the trial as a chance to publicize his small town and encouraged the defendant to agree to stand trial. FTP, identify this trial which took place in 1925 in Dalton, Tennessee. Answer: Scopes monkey trial
3. For general, non-rigid motion, the equation of motion relating this to the moment of inertia tensor and angular frequency is given by Liouville's equation. When this acts on an extended body, it is equivalent to the same action taken on the body's center of mass. It can be defined as I times alpha, where $I$ is the moment of inertia and alpha the angular acceleration. FTP, give this physical quantity, usually defined as r cross F .
Answer:
torque
4. The men whose statements are quoted in this are called the Tanna'im and they wrote almost entirely in a dialect of Hebrew similar to that spoken in Judea. It was composed mainly from the middle of the first century until the beginning of the third century CE, and was compiled by Rabbi Judah ben Simeon in 217 CE. The Talmud is a commentary on, FTP, what tract concerning the legal aspects of Jewish oral tradition?
Answer: Mishnah
5. At age 37, he cannot return to America, although his Gestapo file is a little vague on why. Perhaps it is because he violated Roosevelt's neutrality law by running guns to Ethiopia in 1935, or because he fought for the Spanish loyalists in 1936. He calls himself an opportunist, but Renault points out that the winning side would have paid much better. Now he runs a casino and bar and claims to stick his neck out for nobody, though he eventually shoots Major Strassler to help Victor Laszlo and Ilsa Lund escape Casablanca. FTP, name this Humphrey Bogart character.
Answer: Rick Blaine
6. The last person killed here was Chris Gueffroy in 1982, and over the preceding 30 years, more than one hundred people had died at this landmark beginning with 18-yearold Peter Fechter in 1962. Erich Honecker began construting this structure on a Sunday and it was originally made of antitank obstacles and barbed wire, though construction
teams quickly began building a solid structure. FTP, name this former landmark, breached by Checkpoint Charlie.
Answer: Berlin Wall
7. It was published in 1947 two years after its supposed author drove her car off a bridge. In reality the author was not Laura, but her long-lived older sister. A tongueless virgin captures the heart of the title character; who cannot see her and decides not to kill her. This novel-within-a-novel is invented by Alex Thomas and Iris Griffen as they conduct a secret love affair. FTP, name this, the titular book of Margaret Atwood's Booker Prizewinning novel.
Answer: The Blind Assassin
8. In the first step of this process, carbon dioxide is released from pyruvate, which is converted into the two-carbon compound acetylaldehyde. In the second step, the aetylaldehyde is reduced by NADPH, regenerating the NADP+ necessary for glycolysis. This process is carried out by many bacteria under anaerobic conditions. FTP, name the process which produces ethanol.
Answer: alcohol fermentation
9. Monterone is arrested for complaining that the Duke has seduced his daughter. The Duke then wanders off to sing an aria so catchy that its composer refused to let the singers learn it until opening night. The title character is suspected of keeping a mistress, but in reality has only a daughter, who he helps abduct and then mistakenly has killed by Sparafucile. FTP, name this Verdi opera about a hunchbacked jester.
Answer: Rigoletto
10. Much of the jurisprudence on this practice has come from Georgia, bringing the Godfrey case as well as the Coker case, which held that rape was a less serious crime than murder. Georgia also brought the Furman and Gregg cases, which outlawed it in 1972 and then permitted it again in 1976. Twelve states now prohibit it entirely and a growing number are imposing moratoria to work out the problems of wrongful punishment. FTP, name this practice limited but not prohibited by the Eighth Amendment.
Answer: Death Penalty (accept equivalents)
11. It begins with a discussion of early societies and traces back the origins of government to a first convention. Book four is almost entirely concerned with Roman government, and the author analyses the interplay of religion and state in Rome. It claims that the sovereign is the people, not acting as individual members but as a whole, and that this sovereign cannot alienate its rights. FTP, name this treatise by Jean-Jacques Rousseau.
Answer: $\quad$ The Social Contract (or Le Contrat social)
12. Examples of this concerted reaction include the Williamson ether synthesis, and they are best performed in polar aprotic solvents. Because the nucleophile must attack at the less sterically hindered side, this reaction usually results in an inversion of configuration
at the reactive carbon. FTP, identify this substitution reaction in which only one product may be formed.
Answer: $\underline{\underline{S N} 2}$ reaction
13. He served as Quartermaster General of the state of New York early in the Civil War and he strengthened Roscoe Conkling's Republican machine during his time as Collector of the Port of New York. Despite this, he supported Civil Service reform and helped push the Pendleton Act through Congress. FTP, name this man who became president following the assassination of James Garfield.
Answer: Chester Arthur
14. Its current tally is five-million nine-hundred-seventy-three-thousand five-hundred-and-nine pages, and it has sold over two billion copies. Begun by Hurling Frootmig, its lower price and friendlier cover have allowed this Ursa Minor publication to top its chief competitor, the Enyclopedia Galactica. It looks like a largeish electronic calculator with a snug cover bearing the words "Don't Panic". FTP, name this book, the title object of a novel by Douglas Adams.
Answer: $\quad$ The Hitchhiker's Guide to the Galaxy
15. The connected sum of this surface with the projective plane is isomorphic to the connected sum of the projective plane with the Klein bottle. It has a fundamental group isomorphic to Z cross Z and can be represented as a square in the plane with its opposite edges identified. Given by the Cartesian product S 1 cross $\mathrm{S} 1, \mathrm{FTP}$, name this surface, which looks like the surface of a doughnut.
Answer: torus
16. Though his early works of Rose Beuret and the Helmet-maker's Wife were typical of his ability to focus on a single human form, he grew dissatisfied with the convention of summing up a story by use of a hero. He created an antiheroic statue to portray the sacrifice of French peasants to a British lord, called The Burghers of Calais. Later work included The Kiss and Balzac, as well as his life-long project, The Gates of Hell. For Ten Points name this sculptor of The Thinker.
Answer: Auguste Rodin
17. The Miss Alans travel widely, and invite the protagonist to go to Greece with them. The main character begins to sympathize with her brother Freddy's dislike of her fiance after a trip elsewhere on the continent. Mr. Beebe, the minister, appreciates the musical talent of the protagonist and suggests that she live as she plays. Charlotte Bartlett is a spinster, who does not wish Lucy Honeychurch to take the Emersons up on their offer. FTP, what is this E.M. Forster novel beginning with complaints about the Pension Bertolini suggested by the title?
Answer: A Room with a View
18. Smuggled from St. Elizabeth to Haiti to Miami, this illegal immigrant eventually made his way to the "Lighthouse Mission," a homeless shelter in Bellingham, Washington. While there, he aroused the suspicion of school officials, and was
eventually detained by INS agents. Once free, he moved east, with the man who pretended to be his stepfather, John Allen Mohammed. FTP, name this 18-year-old, allegedly the Washington Sniper.
Answer: John Lee Malvo
19. His parents were slaves, but he rose to the highest office available. His triumph over the Persians, celebrated with Maximian in 303, was the last celebrated in Rome.
However, he is not remembered positively by many because his colleague Galerius convinced him to begin a large scale persecution of Christians in 302. FTP, identify this Roman emperor who divided the Empire into two administrative divisions and ruled with the aid of another Augustus and two Caesars.
Answer: Diocletian
20. He first met Fidel Castro at the death of Jorge Gaitain, which Castro discussed in a review of his autobiography, Living to Tell the Tale. Their friendship formed the basis for his 1975 book, The Autumn of the Patriarch. In 1982, he delivered a speech about Latin America's need to be free from European plundering to the Swedish Academy, while accepting his Nobel Prize in Literature. FTP, name this author of Love in the Time of Cholera and One Hundred Years of Solitude.
Answer: Gabriel Garcia Marquez
21. It was reunited by Jayavarman $I I$ and at its height controlled the valleys of the lower Menam and the lower Mekong. Its power began to decline in the twelfth century, and it was defeated by the Chams and later by the Thai. Its Golden Period from 889-1434 is called the Angkor Period, after the empire's capitol. FTP, name this southeast Asian empire whose name was resurrected by the Communist rulers of Cambodia in the 1970s. Answer: Khmer Empire

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1. FTPE, identify the following snack foods from a brief description.
A. Made by Kraft, this on-the-go snack provides cheese, crackers, and a little red plastic stick to spread the cheese on the crackers with.
Answer: Handi-snacks
B. These potato chips come in a can and advertise that "once you pop, you can't stop."
Answer: Pringles
C. A "mock apple pie" made with these Nabisco crackers is supposed to taste exactly like the real thing, despite containing no apples. They now come in garlic butter and cheese varieties.
Answer: $\quad$ Ritz crackers
2. FTPE, name the poetic form:
A. Thought to have been invented by Giacomo de Lentini, this type of fourteen-line poem has been used by Petrarch and Shakespeare.
Answer: Sonnet
B. This type of 39-line poem is made of six stanzas of six lines each, followed by a closing tercet, and every line ends in one of six words. Elizabeth Bishop wrote a particularly famous one.
Answer: Sestina
C. Coming from a Latin word meaning "patchwork," this is a poem made entirely of pieces of poems by other authors.
Answer: Cento
3. Identify the following things about Anglo-Saxon England FTPE.
A. This man united England under his rule in 871. In his spare time, he formulated a code of laws and translated Boethius.
Answer: $\quad$ alfred I (the Great)
B. Alfred was the descendant of the rulers of this kingdom, located near modern-day Southampton and London.
Answer: Wessex
C. This Dane's invasion force landed on the coast of Wessex in 1015. He became king of England in 1016 and ruled until 1035.
Answer: $\quad$ Cnut or Canute
4. Answer the following questions relating to thermodynamics FTPE.
A. This is the term for a process in which no heat is gained or lost.

Answer: adiabatic
B. This law is a consequence of the conservation of energy. It can be stated as $\mathrm{dE}=\mathrm{dQ}-\mathrm{dW}$ (Dee eee equals dee cue minus dee double you).
Answer: First Law of Thermodynamics
C. This is the term for a process in which the time scale is so slow that each intermediate state barely differs from equilibrium. A stronger version of the first law of thermodynamics can be given in this case.
Answer: reversible process
5. Time zones, FTSNOPE
5. Despite crossing five time zones, this Asian country observes only a single time zone, and no daylight savings time.
Answer: China
10: This U.S. Commonwealth is past the international dateline, so its time is 15 hours later than Eastern Standard Time, the previous day.
Answer: Guam
15: The time difference between Riyadh and Rome, Sydney and Tokyo, and Tashkent and Moscow is the same. What is it?
Answer: One hour
6. Name these Graham Greene novels, FTPE.
A. Greene's first published novel tells the story of Andrews, a man on the run from criminals, who meets Elizabeth. The title refers to Andrews' better nature.
Answer: $\quad$ The Man Within
B. The charcters of this novel are drawn together by Jim Drover, who was sentenced to death for the murder of a policeman. It is set in 1950s era London.
Answer: It's a Battlefield
C. Main characters in this novel include Harry Lime, Rollo Martins, Anna Schmidt, and Dr. Winkler. Lime is hit by a car at the beginning.
Answer: $\quad$ The Third Man
7. Identify the following figures from the American Revolution.
A. This officer of Knowlten's Rangers was asked to volunteer to spy behind British lines. He agreed and was hanged, but not before giving a famous speech.
Answer: Nathan Hale
B. This orator gave a speech in Virginia in 1775, saying "Gentlemen may cry, peace, peace -- but there is no peace. The war is actually begun!"
Answer: Patrick Henry
C. This Bostonian spoke against writs of assistance in 1761 and with Sam Adams wrote many "State Papers" condemning British tyranny.
Answer: James Otis
8. Game theory, FTPE:
A. In a competitive game, this is the term for any set of pure or mixed strategies where each player's strategy is a best response to the others'.
Answer:
Nash Equilibrium
B. In the two-player game of "odds-or-evens," each player simultaneously puts forth one finger or two. One player wins if the total is odd, the other if the total is even. How many pure or mixed Nash Equilibria exist in this game?
Answer: One
C. Studied by Axelrod, this non-zero-sum game is a model for the problem of cooperation versus conflict in groups.
Answer: prisoners' dilemma
9. FTPE, answer the following about a branch of science.
A. Name the branch of physics that is the study of the large scale structure, formation and evolution of the universe.
Answer: cosmology
B. In cosmology, this constant, denoted by capitol H , gives the rate of recession of astronomical objects per unit distance away.
Answer: Hubble constant
C. Infrared observations of these stars, whose luminosity changes periodically, have been used to try to determine the Hubble constant.
Answer: Cepheid variable stars
10. FTPE, name these Iraqis:
A. This Iraqi minister of information has inspired ridicule and an online cult following for his bizarre assertions, such as when he claimed that Iraqi soldiers had slaughtered all of the Americans at the Baghdad airport.
Answer: Mohammed Saeed al-Sahaf
B. The Ace of Hearts, Head of the Iraqi Olympic Committee, Student Union, and Fidayin militia, he is the oldest of Saddam's Sons.
Answer: Uday Saddam Hussein
C. The Ace of Clubs, this younger son of Saddam commanded Iraqi intelligence and surveillance as well as the Republican Guard and the Special Republican Guard

Answer: Qusay Saddam Hussein
11. Answer the following questions about a South American country FTPE.
A. This country defeated Peru and Bolivia in the War of the Pacific, occupying Lima in 1881.
Answer: Chile
B. This president of Chile from 1927-31 and 1952-58 tried to attract capitol from US copper companies and reform the voting system in Chile, but he struggled with brutal inflation.
Answer: Carlos Ibanez
C. This Marxist ruled Chile from 1970-73 with his Popular Unity Coalition. He nationalised copper companies and tried to use Keynesian policies to raise wages and control inflation.
Answer: Salvador Allende
12. FTPE, name these Tom Stoppard plays from lists of characters.
A. Hamlet, Alfred, The Player, and the title characters.

Answer: $\quad$ Rosencrantz and Guildenstern are Dead
B. Oscar Wilde, Charon of Styx, A.E. Housman, and A.E. Housman.

Answer: $\quad$ The Invention of Love
C: Hamlet, Shakespeare, Fox Major and the title character.
Answer: $\quad \underline{\text { Dogg's Hamlet }}$
13. Answer the following questions about an equation useful in physics FTPE.
A. This is an elliptic partial differential equation given by del squared psi plus k squared psi equals zero. The man it is named for also has a type of free energy named for him.
Answer: Helmholtz Differential Equation.
B. This equation results from setting k in Helmholtz equation to be zero.

Answer: Laplace's Equation
C. Laplace's Equation is a special case of this equation which for gravitational fields is given by del squared phi equals 4 pi g rho.
Answer: Poisson's Equation
14. "If you believe, there's nothing up his sleeve, then nothing is cool." FTPE, A. These lyrics form part of the chorus to what R.E.M. song, featured on the soundtrack to a 1999 Jim Carrey movie?

## Answer: Man on the Moon

B. The song was written as a tribute to this comedian who died of lung cancer in 1984.

Answer: Andy Kaufman
C. Kaufman is perhaps best known for playing this Eastern European mechanic on Taxi whose alter-ego was Vic Ferrari.
Answer: Latka Gravas (accept either name)
15. FTPE, identify the following characters from the legend of Robin Hood.
A. Robin's lieutenant and right-hand man was ironically named this despite being seven feet tall.
Answer: Little John
B. This man drew the strongest bow of all the Merry Men and is sometimes said to have been Robin's nephew. In later stories, he turns against Robin.
Answer: Will Scarlett (or Scarlock)
C. When Robin Hood met this man, they almost got into a fight. Still, he agreed to leave his place at Fountain Abbey to live with the Merry Men.
Answer: Friar Tuck
16. During the late medieval and early Renaissance period, Italian cities asserted their autonomy. FSNOPE;
A. Filippo Maria, Giovanni, and Matteo were members of this clan who with the Sforzas held power northeast of Florence.
Answer: Visconti
B. This Guelph Italian city-state was ruled by Visconti and Sforza dukes until control passed to the French in 1499.
Answer: Milan
C. After the death of Filippo Maria Visconti in 1447, this republic was established around Milan. It only lasted three years.
Answer: Ambrosian Republic
17. Things about a poet, FTPE:
A. Classically called "The Tenth Muse," this Greek poet also lends her name to a four-lined lyric verse form.
Answer: Sappho
B. This is Sappho's native island, where she lived nearly all of her life with a group of young girls devoted to love and lyricism.
Answer: Lesbos
C. The legend of her love for Phaeon is featured in this work by Ovid, which also includes Paris and Helen, and Hero and Leander.
Answer: Heroides
18. FTPE, name the philosopher from works.
A. Prolegomena to any Future Metaphysics, A Grounding for the Metaphysics of Morals.
Answer: Immanuel Kant
B. A Treatise of Human Nature, An Inquiry Concerning Human Understanding

Answer: David Hume
C. Two Treatises on Government, A Letter Concerning Toleration

Answer: John Locke
19. FTSNOPE, answer the following about the human eye.
A. The human eye contains two types of photoreceptors named for their shapes. F5PE, name them.
Answer: rods and cones
B. This visual pigment is made up of a molecule of retinal bonded to a membrane protein contained in rods. FTP, name this molecule that allows humans to see colors. Answer: rhodopsin
C. The blind spot occurs because the eye contains no photoreceptors at the place where this nerve meets the eye. FTP, name it.
Answer: optic nerve
20. 30-20-10, name the composer.
A. He lived out his last eighteen years as a Franciscan monk before dying in 1883.
B. He died in the midst of a Wagner festival, which was ironic, since Wagner was his student and also the husband of his daughter Cosima.
C. His twenty Hungarian Rhapsodies may be this composer's most famous work.

Answer: Franz Liszt

