

# FICHTE

Fake Intercollegiate Championship Tournament Experiment

## 2007-2008 Fake ICT Packet 15

### Tossups

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**Distribution** Then, you can give them away to people.

**Security** Don't talk about the packets online until April 6.

- It can be induced by pilocarpine in the temporal lobes of mice. One form of it is called Rasmussen's encephalitis. It is treated by valproic acid, phenobarbital, and phenytoin, which reduce gamma oscillation. It originates in the (\*) cortex and spreads out to somatotopic areas.** Found in grand mal and petit mal varieties, for 10 points— name this disease characterized by rhythmic cortical firing leading to seizures.

answer: epilepsy
- In one of his movies, Claude's separation from his fiancée Muriel causes him to dump her. This director of *A Gorgeous Bird Like Me* made another movie in which Oskar Werner and Henry Serre both (\*) pursue Jeanne Moreau, and Werner played Guy Montag in his adaptation of *Fahrenheit 451*. For 10 points— name this New Wave director who depicted the rebellious Antoine Doinel in *The 400 Blows*.**

answer: François Truffaut
- The second act starts with a chorus about Hagar and Ishmael, which is followed by Molqui's vow to kill everyone. The title event happens offstage between the second and third acts and results in a (\*) corpse singing a "Gymnopedie," though Marilyn does not learn the truth until the end. For 10 points— name this opera featuring dueling Jewish and Palestinian choruses, written about the 1985 *Achille Lauro* hijacking by John Adams.**

answer: *The Death of Klinghoffer*
- The critical rate of the formation of one of them is known as the Eddington rate. The best evidence for the existence of one type of these objects is called the big blue bump(\*). One of these will form through mass transfer in a binary system if one of the star fills a Roche lobe, and galactic centers are powered by energy released by the formation of these around a black hole. For ten points, identify these circular structures of gas which orbit massive bodies.**

answer: accretion disk
- Among the allies of this man who escaped his fate was Volodia Teitelboim, the editor of the *El Siglo* paper of his country's Communist Party. Once the health minister under Pedro Aguirre Cerda, this man lost two presidential elections by close margins, to Jorge Alessandri and Eduardo (\*) Frei. His printing of excess currency and expropriation of American copper concerns ultimately led to his death. For 10 points— name this man overthrown in 1973, who preceded Augusto Pinochet as leader of Chile.**

answer: Salvador Allende

6. **He became popular by defeating the Ammonites at Jabesh-Gilead, after which he was acclaimed at Gilgal. This man tried to turn his daughter Michal against her husband and massacred the priests of Nob, and he (\*)** appointed his cousin Abner to command the army while ruling from Gibeah. Later, he received bad news from the witch of Endor. For 10 points— name this figure crowned by Samuel as the first king of Israel.

answer: Saul

7. **The rulers of this dynasty were targeted by the religious purist Ibn Tammiyah, and this dynasty became "Circassian" in character after Barquq took the throne. Also divided into the Bahri and Burji periods, one ruler of this house founded by (\*)** Aybak was the winning general at Ayn Jalut, Baybars. Coming to power after overthrowing the Ayubids, for 10 points— name this Egyptian dynasty which was named for its rulers descent from slaves.

answer: Mamluks

8. **After hearing a boatman predict that a hoof will be found under certain boots, the title character gets an itch in his foot. That character pulls the drunk Nikolai Maximovitch from a snowbank, but is betrayed when Nikolai learns he is (\*)** Jewish, and he goes to jail on a charge of ritual murder after being abandoned by Raisl. For 10 points— name this novel about Yakov Bok, a handyman, written by Bernard Malamud.

answer: The Fixer

9. **One character in this movie is fired for taking off his pants on television. Its second part involves a girl named Magic and an attempt to make a prequel to *Cleopatra*. The title group plays on the "Chitlin Circuit" with (\*)** Thunder Early, and is composed of Deena, Lorrell, and Effie, as played by Anika Rose, Beyoncé Knowles, and Jennifer Hudson. For 10 points— name this movie about a fictional 60s girl group.

answer: Dreamgirls

10. **This god slept successively with Amma, Edda, and Modir, thus creating Thrall, Karl, and Jarl, the progenitors of the three races of men, in his guise of Rig. Sometimes called the grandson of Geirrendour the Giant, he lives at the Cliff of Heaven, has (\*)** golden teeth, and carries the Gjallar horn. Said to be the son of nine mothers, he can hear wool growing on sheep. For 10 points— name this guardian of Bifrost.

answer: Heimdall (accept Rig before it is read)

11. **They are often used in conjunction with scintillators and employ active materials such as cesium iodide, which is solar-blind. They typically require operating voltages of several kilovolts(\*)** in order to generate photons through secondary emission when an electron strikes a dynode. For ten points, identify these light detectors which amplify an incoming signal by as much as 8 order of magnitude.

answer: photomultiplier tube or PMT

12. **He shows his appreciation for being appointed duke by gifting a toy whistle, and he entices Captain Bordure to join his scheme by bribing him with cauliflower prepared in an unusual way. This man's wife, who cooks with (\*)** human waste, is stopped from stealing some gold by Boggerlas. In sequels, this man is "cuckolded" and then "enchained." For 10 points— name this ridiculous king of Poland in an Alfred Jarry play.

answer: Ubu Roi or Pere Ubu

13. **After the bill they sought was defeated by a 62-18 vote, this group began the "death march" protest. Perry Miles was a notable opponent of this group, which was led by (\*)** Walter Waters and sought a twenty-one year advance on Adjusted Compensation Certificates. Douglas MacArthur also helped drive them off the Anacostia River. For 10 points— name this group which marched on Washington in 1932 demanding money for past military service.

answer: the Bonus Army or Bonus Expeditionary Force

14. **This man defeated Alan Blinken, Ron Twilegar, and Walt Minnick in elections for his current post.**

**Along with Jim Jeffords, Trent Lott, and John Ashcroft, he was a member of the (\*) Singing Senators. Mike Crapo will become the senior Senator from this man's state when his term expires in 2009, as he declined to seek re-election after attempting to withdraw a guilty plea in Minnesota. For 10 points— name this wide-stanced Idaho Republican.**

answer: Larry Craig

15. **In the Schmidt reaction, these compounds form amines, and their silver salts react with halogens to yield alkyl halides in the Hunsdiecker(\*) reaction. They decompose to produce isocyanates in the Curtius rearrangement. They can be synthesized by the Grignard synthesis and reacting them with alcohols yields esters. For ten points, identify this class of chemicals characterized by the presence of a COOH group.**

answer: carboxylic acids

16. **It contains a "praise of digressions" and opens by praising Lord Somers in a parody of dedications. Including a description of the Aeoloists, who worship human wind machines, its title comes from an allegory in the book about (\*) sailors who attempt to throw out a decoy and avoid being shipwrecked by whales. Discussing Peter, Martin, and Jack's inheritance of similar coats, for 10 points— name this religious satire by Jonathan Swift.**

answer: A Tale of a Tub

17. **This man ultimately abdicated after a popular demonstration at Aranjuez and lived out his days at the Barberini Palace in Rome. This man's government was controlled by a minister who negotiated the Peace of Basel, the Treaty of San Ildefonso, and the Treaty of Fontainebleau, (\*) Manuel de Godoy. That was due to the great influence of his wife, Maria Luisa of Parma. For 10 points— name this king of Spain who was replaced by Napoleonic forces and was notably depicted with his family by Goya.**

answer: Charles IV

18. **On its album, this song is between "Ocean of Noise" and "Antichrist Television Blues." The narrator is tricked with a "silver shine" and is then mocked by being told "you always fall for what you desire or what you fear." Appearing along with (\*) "Keep the Car Running" and "No Cars Go" on *Neon Bible*, for 10 points— name this Arcade Fire song in which "the lions and the lambs ain't sleeping," titled for two public works fixtures.**

answer: "The Well and the Lighthouse"

19. **Sundsvall is found where the Selånger River flows into this body. This body of water also receives such rivers as the Ume, Torne, and Oulu, and the Åland islands are strewn across the entrance to this body. This body and Lake Mälaren are found on either side of (\*) Uppsala. For 10 points— name this extension of the Baltic Sea that divided Sweden from Finland.**

answer: Gulf of Bothnia

20. **Troy Aikman once consulted an attorney to find out the likely civil damages from severely beating this man after he called Aikman gay in his book *Hell-Bent*. Jay Crawford and Dana (\*) Jacobson appear with him on his regular gig, which was renamed from *Cold Pizza* a few months after Woody Paige left, in May 2007. For 10 points— name this sports commentator seen on *1st & 10*.**

answer: Skip Bayless

21. **The ratio 25 plus 3 times the square root of 69, all over 2, is important for the stability of some of them. They can be found by changing into a co-rotating frame(\*) with an origin at the center of mass and an angular frequency given by Kepler's law. The Trojan asteroids originate from the fourth and fifth one of the Jupiter-Sun system. For ten points, identify these five equilibrium points in the reduced three-body problem.**

answer: Lagrange points

22. **In one of his short stories, a scheme to prevent Tacha from becoming a prostitute is ruined when a flood sweeps away the cow La Serpentina. In addition to "Because We Are So Poor," this author wrote about Father (\*) Rentería's anger at dissolute rich people in a novel narrated by Juan Preciado, the son of a man who pines for Susana San Juan. For 10 points— name this author who wrote about Abundio Martínez**

killing the title character in *Pedro Paramo*.

answer: Juan Rulfo

23. **During his long tenure as chief cabinet secretary, this man came under fire for sympathizing with a syndicate of rapists. The first son of a former PM to reach the premiership, this man defeated (\*)** Taro Aso in a leadership election, ensuring his succession as leader of the Liberal Democratic Party. For 10 points— name this man who replaced Shinzo Abe and is the current prime minister of Japan.

answer: Yasuo Fukuda

24. **This researcher collaborated with Jennifer Williams and Anne Pusey to investigate the role of "pant-grunt responses" in female dominance. This author of the memoir *In the Shadow of Man* was the first person to observe omnivorism and (\*) toolmaking among her subjects in Gombe Stream National Park of Tanzania.** For 10 points— identify this noted researcher of chimpanzee behavior.

answer: Jane Goodall

25. **This man wrote the theological treatise *Defence of Philosophic Doubt* before entering politics, where he saw through the Wyndham Act after succeeding Salisbury as Prime Minister. His term as chief secretary for Ireland earned him the nickname "bloody," but his most significant legacy was a (\*)** letter to Baron Rothschild which promised that the "civil and religious rights of existing non-Jewish communities" would be protected. For 10 points— name this politician whose namesake "declaration" promised a Jewish homeland in Palestine.

answer: Arthur Balfour

26. **This author of *On the Use and Activity of the Conductive Arch in the Contraction of Muscles* is the namesake of a procedure for coating iron with (\*) zinc.** He used his "electrostatic machine" to develop his concept of the "animal electric fluid" with experiments on frogs. For 10 points— name this professor at Bologna who showed that electricity can stimulate animal nerves.

answer: Luigi Galvani

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### Bonuses

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1. Its plot is set into motion by Simon Ross, a reporter looking into Operation Blackbriar. For 10 points each —
- A. Julia Stiles and David Strathairn are among the stars of what 2007 action movie?  
answer: The Bourne Ultimatum
- B. David Basche as Todd Beamer and JJ Johnson as Captain Dahl appear in this 2006 fictionalization of a 2001 event.  
answer: United 93
- C. Both *The Bourne Ultimatum* and *United 93* were directed by this man, whose other films include *Bloody Sunday*.  
answer: Paul Greengrass
2. It is carried by gluons, which causes them to interact with themselves. For ten points each:
- A. Identify this charge possessed by quarks.  
answer: color
- B. Color was postulated to explain the existence of this baryon, a bound state of three up quarks.  
answer: delta baryon
- C. Color interactions possess this feature, in which the force increases with separation.  
answer: confinement
3. In both versions of this painting, the title figure wears a sailor's cap and holds a foxglove plant. For 10 points each—
- A. Name this painting, executed twice in 1890.  
answer: Portrait of Doctor Gachet
- B. This painter of *The Night Café at Arles* and *The Potato Eaters* created the *Portrait of Doctor Gachet*.  
answer: Vincent Van Gogh
- C. Another 1890 Van Gogh work, it shows a woman in a large white hat walking on one of the two roads from the title structure, whose clock tower reaches into the dark blue sky.  
answer: The Church at Auvers
4. A single-ring methylated alcohol made from 8 isoprene units, it is derived from cleavage of beta-carotene. For 10 points each—
- A. Isolated from fish liver oil, name this vitamin whose deficiency leads to skin dryness and night blindness, as confirmed by George Wald.  
answer: vitamin A or retinol
- B. Oxidation of vitamin A at C-15 yields this aldehyde, whose 11-cis form is converted to trans when excited by light, and combines with opsin to form the pigment of rods.  
answer: retinal
- C. A derivative of retinal is this hormone that regulates gene expression in developing epithelial cells, and activates the *sonic hedgehog* morphogen.  
answer: retinoic acid

5. It says that "unerring nature, still divinely bright" is to be the "end and test" of art. For 10 points each—
- A. Name this 1711 poem about the nature of literature, which contains such quotable lines as "a little learning is a dangerous thing."
- answer: An Essay on Criticism
- B. This author of *The Dunciad* and *The Rape of the Lock* wrote *An Essay on Criticism*.
- answer: Alexander Pope
- C. This long poem by Pope praises the natural environment of the English countryside and includes an addendum exalting the Peace of Utrecht.
- answer: Windsor Forest
6. For 10 points each— name these twentieth-century Italian authors:
- A. This writer of *Two Stories and a Memory* is most known for his historical novel about Don Fabrizio Corbera, *The Leopard*.
- answer: Giuseppe Tomasi di Lampedusa
- B. This author of *The Woman of Rome* and *1934* wrote about the reluctant assassin Marcello Clerici in *The Conformist*.
- answer: Alberto Moravia
- C. This semiotician's novels include *Foucault's Pendulum* and *The Name of the Rose*.
- answer: Umberto Eco
7. For 10 points each— name these ancient Greek lyric poets:
- A. This author of namesake odes about athletic victories famously had his vacation home in Thebes spared by Alexander the Great.
- answer: Pindar
- B. According to legend, this author of the *Daphnis* and *Rhadine* had to write *Palinodia* to regain his sight after condemning Helen of Troy.
- answer: Stesichorus
- C. This author supposedly threw herself off the Leucadian cliffs in lovesickness, and in any case wrote the "Ode to Aphrodite" and some poems about attractive girls.
- answer: Sappho
8. Named for its' speakers location in mountainous areas, this language underwent a namesake consonant shift. For 10 points each—
- A. Name this language whose East Franconian dialect was the ancestor of a modern European tongue.
- answer: Old High German (prompt on partial answer)
- B. Composed by the Skofs and sung by the Spielleute, this Germanic poetry form's sole surviving example in Old High German is the Hildebrandslied.
- answer: Heldenlieder
- C. At one time in the early twentieth century, six daily newspapers in New York were published in this West Germanic language.
- answer: Yiddish
9. Examples of them include such traditional languages as Fortran and C++. For ten points each:
- A. Identify this class of languages which consist of an enumeration of commands and are often contrasted with functional languages.
- answer: imperative languages (accept procedural languages)
- B. Also often contrasted with imperative programming is this programming paradigm, in which one describes an entity rather than outline an algorithm. HTML is an example.
- answer: declarative programming
- C. In this crazy declarative language, sometimes used for logic and artificial intelligence, you write Horn clauses that include facts and rules, or some shit like that.
- answer: Prolog
10. For 10 points each— answer the following about conspiracy theories on the Internet.
- A. This YouTube sensation created by Dylan Avery uses not-so-true claims to allege that the September 11

attacks were a government conspiracy.

answer: Loose Change

B. Amusing confusion between Latin and English words and dumb theories about the Federal Reserve may be found in this Hegelian-named YouTube clip.

answer: Zeitgeist: The Movie

C. This operator of the Prison Planet and InfoWars websites is a local celebrity in Austin, Texas and is eager to scream through a megaphone at you about Jews.

answer: Alex Jones

11. It transferred Maine and Anjou to Charles of Valois. For 10 points each—

A. Name this 1291 treaty.

answer: Treaty of Tarascon

B. The Treaty of Tarascon ended the crusade against this kingdom, notably ruled by Peter III in the thirteenth century, which went on to capture Naples in 1442.

answer: Aragon

C. Aragon had become involved in a European war named for this 1282 incident, which enables Peter III to seize the namesake island from France.

answer: the Sicilian Vespers

12. It takes place during the St. Petersburg Shrovetide Fair, where the title figure, a ballerina, and a moor are brought to life by a wizard. For 10 points each—

A. Name this ballet, whose title character has a motif consisting of C major and F-sharp major chords played at the same time.

answer: Petrushka

B. This composer of *Rite of Spring* and *The Firebird* created *Petrushka*.

answer: Igor Stravinsky

C. Themes by G.B. Pergolesi are adapted in this Stravinsky ballet, which follows a commedia dell'arte rake who tries to avoid being killed by the fiances of his lovers.

answer: Pulcinella

13. This group had a branch which survived to medieval times in the Crimea. For 10 points each—

A. Name this Gothic tribe which produced Theodoric.

answer: Ostrogoths

B. The Ostrogoth empire in Eastern Europe was built by this king who killed himself rather than fight the Huns.

answer: Ermanaric

C. In the 540s, this Ostrogoth leader took Rome from Belisarius before losing at Taginae to Narses.

answer: Totila or Baduila

14. Despite Blick's attempts to arrest Kitty, she continues to fall for Tom in this play. For 10 points each—

A. Name this drama featuring the matchmaker Joe and an elderly Kit Carson.

answer: *The Time of Your Life*

B. This author of *The Human Comedy* and *The Daring Young Man on the Flying Trapeze* wrote *The Time of Your Life*.

answer: William Saroyan

C. The Armenian immigrant Arak Vagramian gives himself the titular pseudonym and becomes a movie star in this Saroyan novel.

answer: Rock Wagram

15. Answer some questions about radiometric dating, for ten points each.

A. Its 206 and 207 isotopes are produced from the 238 and 235 isotopes of uranium, respectively, which allows this element to be used for dating purposes.

answer: lead

B. This crystal is used to improve uranium-lead dating, because during crystallization, uranium can leak in but lead cannot. This mineral is a silicate of element 40.

answer: zircon

C. Together with rubidium, the ratios of this element's 86 and 87 isotopes are used for dating igneous rocks. Its isotope 90 is harmful because it is radioactive and can substitute for calcium in the body.

answer: strontium

16. He quoted Victor Hugo in a famous 1991 speech that started an economic modernization period he oversaw as finance minister. For 10 points each—

A. Name this Congress Party member, the current prime minister of India.

answer: Manmohan Singh

B. Unlike most PMs, Singh has never been elected to this "House of the People," the lower house of the Indian parliament.

answer: the Lok Sabha

C. After Congress's victory in 2004 elections, Singh was made PM instead of this party leader, the Italian-born, Catholic widow of a former PM.

answer: Sonia Gandhi (prompt on Gandhi)

17. They can be formed as the high points of pediments, or as residues at the summits of inselbergs. For 10 points each—

A. Name these accumulations of blocks of rock which protrude from the ground.

answer: tors

B. Certainly the world's most famous tor is this hundred-billion-cubic-foot mass of arkosic sandstone, found in the Northwest Territory of Australia.

answer: Ayers Rock or Uluru

C. Along with Ayers Rock and Mount Conner, these 36 rocks near Lake Amedeus and the Musgrave Ranges comprise the three notable Australian tors.

answer: Olga(s) Rocks

18. He issued the Plan of San Luis Potosí, but once in power he was overthrown by figures who came to be led by Victoriano Huerta. For 10 points each—

A. Name this man who orchestrated the end to the Díaz dictatorship in Mexico.

answer: Francisco Madero

B. The fall of Madero was helped along by this US ambassador to Mexico.

answer: Henry Lane Wilson

C. Manuel Mondragón and Gregorio Ruiz were among the instigators of this period of time in which Madero was deposed and killed, though Huerta recused himself.

answer: the Ten Tragic Days or La Decena Trágica

19. For 10 points each— name these cities in Alaska:

A. Found on Norton Sound, a Bering Sea arm, this Seward Peninsula city was founded as Anvil Creek and is the endpoint of the Iditarod.

answer: Nome

B. This city on the Chena river was named for a US Vice-President and is home to the University of Alaska.

answer: Fairbanks

C. This Russian-founded city on Baranof Island is the only city overlooking the Pacific in the southeastern panhandle of Alaska, and it is home to WhaleFest.

answer: Sitka

20. In their "hetero" variety, their constituents are immiscible in some proportions. For ten points each:

A. Identify these mixtures whose constituents cannot be separated by vaporization because they have the same boiling points.

answer: azeotropes

B. Azeotropes are exceptions to this law, which holds that a substance's vapor pressure is equal to the sum of the partial pressures of constituents weighted by molar fraction.

answer: Raoult's law

C. Adding an activity coefficient to Raoult's law results in this model of vapor pressure, named after the German chemical society on whose data it is based.

answer: DEHEMA model



21. A power struggle among Erno Gero, Imre Nagy, and Matyas Rakosi led to the Soviet invasion of this country. For 10 points each—
- A. Name this country where such events took place in 1956.  
answer: Hungary
- B. The Soviets backed this man as new Communist party secretary, and he remained in power until 1988.  
answer: János Kadar or János Csermanik
- C. Kadar was succeeded as general secretary by this economic bungler, who tried to revive the economy with a bunch of new taxes.  
answer: Karoly Grosz
22. DJ Hackett was acquired to play as this man's wide receiver compatriot in 2008. For 10 points each—
- A. Name this Carolina Panthers star who broke all of the franchise's single-season receiving records in the team's 2005 NFC Championship year.  
answer: Steve Smith
- B. Smith went to college at this school, which was later led to the Fiesta Bowl by a pre-Florida Urban Meyer.  
answer: University of Utah
- C. This Utah teammate of Smith had two 1000-yard rushing seasons with the Broncos in 2001 and 2005 and was recently released by the Ravens.  
answer: Mike Anderson
23. It precedes the Hávamál, a collection of sayings attributed to Odin. For 10 points each—
- A. Name this opening section of the Poetic Edda, which contains Norse myths about the creation and destruction of the universe.  
answer: the Voluspá
- B. In the Voluspá, we learn that this giant was formed by the intersection of ice and fire, and that his body was used to create the universe.  
answer: Ymir or Aurgelmir
- C. This grandfather of Odin was formed by the cow Adumbla's licking of a salty stone, eventually leading to Ymir's death.  
answer: Buri
24. For 10 points each— name these large banks:
- A. This largest bank in the United Kingdom announced a seventeen billion dollar loss on American housing loans in March 2008.  
answer: HSBC
- B. The direct consumer services arm of a similarly named "Group," this is the largest bank in the U.S. by most measures.  
answer: Citibank
- C. The bankrupt mortgage outfit Countrywide was purchased by this company in January 2008.  
answer: Bank of America
25. He was the son of Tegh Bahadur and came to his position after that man was martyred by Aurangzeb. For 10 points each—
- A. Name this founder of the Khalsa, the last human guru of Sikhism.  
answer: Gobind Singh
- B. Gobind Singh permanently passed the guruship to this book, the main scripture of Sikhism.  
answer: Adi Granth Sahib
- C. Among Gobind Singh's writings was this poetic autobiography.  
answer: Bichitra Natak or The Cosmic Drama or The Resplendent Drama
26. For 10 points each— name these American cities which suffered race riots:
- A. Dick Rowland's attempt to use an elevator in the Drexel Building led to a 1921 riot in this city which involved trench warfare and National Guard machine guns.  
answer: Tulsa
- B. Abraham Lincoln's cobbler was killed in the 1908 violence at this Illinois town, which sparked the Niagara

Movement's transformation into the NAACP.

answer: Springfield

C. Starting with a raid on a blind pig bar, the 1967 "12th Street Riot" in this city helped derail governor George Romney's presidential bid.

answer: Detroit