

## 2001 Chicago Open

### Tossups by Dog Drama (Roger Bhan, Chris Borglum, Raj Dhuwalia, and Vik Vaz)

1. It begins by positing that truth is a woman and that the dogmatic methods philosophers use to woo this woman are inadequate. The final section is an "Aftersong" entitled "From High Mountains" in which the author is joined by Zarathustra in his epiphany. In a series of 296 aphorisms arranged into nine chapters, this work advances the concept of the "good European" and rants against the "herd" morality that encourages a dull mediocrity in all. FTP, name this 1886 work of Friedrich Nietzsche about the transcendence of outmoded values.

Answer: *Beyond Good and Evil* or *Jenseits von Gut und Böse*

2. At the time of his death in 1904 he was the federal commissioner of Pacific railroads. Previously, in 1880 and 1881, this former Civil War general served as U.S. minister to Turkey. In the retreat of McClellan during the Peninsular campaign, he aided in the successful withdrawal of the Confederate army, and later that year, his timely arrival at Second Bull Run led to a Confederate victory. He successfully broke the Union lines at Chickamauga, but was always blamed for hesitating at Gettysburg. FTP, name this Confederate general, who was Lee's second-in-command.

Answer: James Longstreet

3. An important symbol in this novel is the narrator's description of the setting sun magnifying the image of a plow's silhouette. Accessory characters include Tiny Soderball and Lena Lingard, who become successful San Francisco businesswoman. The title character recovers from an attempted rape by Wick Cutter to marry a fellow Bohemian, Cuzak, and raise a huge family. Narrated by Jim Burdern, FTP, this is the story of Ms. Shimerda, the title character of what novel by Willa Cather.

Answer: *My Ántonia*

4. Both radio-labeled and fluorescence-labeled primer molecules can be used in product detection, as well as incorporation of dNTPs, in this process. Typical reagents include a magnesium chloride solution and bovine serum albumin, which prevents the involved *thermus aquaticus* enzyme from binding to the walls of the reaction chamber. Its three steps involve denaturing the template, reducing the temperature to allow primer molecules to anneal, and finally replication. FTP, name this process developed for large-quantity DNA amplification.

Answer: PCR or polymerase chain reaction

5. Born in Granby, Connecticut, he went to New York after high school and played with the band Easy Action. He later became famous for such profound statements as "Aqua Net is definitely good – not to sniff, to put in your hair," and "Rock and Roll rocks!" After leaving television, he released a 1999 album with a backing band called the 8th Street Kidz. FTP, name this freakish New York club kid who, in 1998, beat out 4,000 other contestants in MTV's "I Wanna Be a VJ" contest.

Answer: Jesse Camp (accept either name)

6. Among the unique terms of the second was the granting of Madras to the British. The first ended an argument over the dowry of the daughter of Philip IV of Spain. We return to the second, which included the restoration of Prince Edward Island and Louisbourg to France and the granting of Silesia to Prussia. The first ended the War of Devolution, while the second confirmed Maria Theresa's succession to the Austrian throne. FTP, identify these two treaties of the same name, the second of which, in 1748, ended the War of Austrian Succession.

Answer: Treaties of Aix-la-Chapelle

7. The speaker addresses Dawn and the caverns and forests when he claims that the title character is "made one with Nature." The reader is urged, "Go thou to Rome – at once the Paradise, / The grave, the city, and the wilderness," where the title character rests under a "slope of green access." The first stanza addresses the "sad Hour" that was selected to witness the death of the title character, whose soul, "like a star, / Beacons from the abode where the Eternal are." FTP, identify this elegy on the death of John Keats written by Percy Shelley.

Answer: "Adonais: An Elegy on the Death of John Keats"

8. According to it, opposite effects are found when the mechanism involves free radicals. It is demonstrated in the situation where the attacking molecule disrupts the double-bond, making the carbon atom furthest from the attacking group negative, and is most apparent in electrophilic addition reactions. A prime example of it occurs in the addition of hydrogen bromide when peroxides are present. FTP, name this rule of organic chemistry, which states that the main product in an electrophilic addition reaction will be the one in which the hydrogen atom attaches to the carbon atom bearing the most hydrogens – a rule named for its Russian discoverer.

Answer: Markovnikov's rule

9. His *Madonna* was a scandal, as it depicted a woman in ecstasy on a bed with a skeletal child in the corner, with the entire image being framed by giant sperm. Later self-portraits like *Between Clock and Bed* are unique, for unlike early works, including the lithographs *Death in the Sickroom* and *Vampire*, they do not express the sorrow of his sister, Sophie's, death from tuberculosis. FTP, name this expressionist painter best known for his 1893 bridge scene, *The Scream*.

Answer: Edvard Munch

10. His wife, Sava, was turned into a deer by the evil Ormhald, explaining his son's name, which means "little deer." Each year he rids the royal court of Aillen, the evil goblin who burns the palace on Samhain. He avenges his father's death at the hands of Goll Mac Morna after gaining wisdom by eating the Salmon of Knowledge. FTP, name this father of Ossian, defender of Ireland, and leader of the Fianna.

Answer: Finn MacCool or Finn MacCumhaill

11. This battle began after both sides amassed armies on the opposing shores of the Ambracian Gulf. The eventual winners were aided by the greater maneuverability of their liburnians, which were able to dodge the missile-throwing vessels of the enemy for much of the day. However, the forces under the command of Agrippa could not gain an advantage until the last Ptolemaic ruler fled with her contingent. FTP, name this naval battle of 31 BC, which saw the forces of Octavian defeat Antony and Cleopatra.

Answer: Battle of Actium

12. Among this play's famous passages is the dirge, "Call for the robin-red-breast and wren," sung by Cornelia, the mother of the deceased Marcello. The presumed title character murders his own wife by poisoning the lips of his portrait, which she kisses. With the aid of Flamineo, he then arranges the murder of Camillo, the husband of Vittoria Corombona, whose name was an alternate title for this play. FTP, name this drama centering on the villainous Brachiano, a work by John Webster?

Answer: *The White Devil* (prompt on early "Vittoria Corombona")

13. It had not been detected earlier because earlier experiments had failed to produce the desired results in conventional settings due to the high conductivity of luminous gases or vapors. Its discoverer observed the hydrogen spectrum emitted just behind the perforated cathode in a positive-ray tube, and with a second charged electrode parallel and close to the first, the desired result was produced. FTP, name this splitting of spectral lines observed when the molecules are subjected to a strong electric field, the electric analog of the Zeeman effect.

Answer: Stark effect

14. Its third and final movement borrows from an earlier work by the composer, his *Malediction*. Each of its movements is a character portrait based on the three central characters of the play that inspired this work. Less episodic and narrative than the composer's *Dante Symphony*, its final 1857 version included a reworking of the "Gretchen" movement. FTP, name this Franz Liszt symphony that also includes movements on "Mephistopheles" and the title character.

Answer: *Faust Symphony*

15. The subject of a 2001 novel by Peter Carey, he was played by Mick Jagger in the movie bearing his name. After killing three policemen at Stringy Bark in 1878, the reward for his arrest reached 8,000 pounds. He and his gang made their last stand at the Glenrowan Hotel in 1880 where he was shot 28 times, though he survived to be hanged later that year in Melbourne. FTP, name this last of the bushrangers, a famous Australian outlaw hero.

Answer: Ned Kelly

16. This novel's narrator, variously called Stainface, Baldy, and Piece-of-the-Moon, ends his story by describing his marriage to Padma and more of his son, Aadam, also the name of the narrator's grandfather, Aadam Aziz, whose tale begins the novel. In the final section, "Abracadabra," the narrator also reveals that he lied about his antagonist Shiva's death, before claiming that he will never reach his promised land, symbolized by Kashmir, like all of the title characters. Such is the story of Saleem Sinai, just one of the gifted titular group in, FTP, what novel by Salman Rushdie?

Answer: Midnight's Children

17. In most people, the triplet CAG repeats 11 to 34 times on the IT-15 gene, located on Chromosome 4; but in patients with this disease, the triplet repeats about 40 to 80 times. Associated with the Groton witch case of 1671, this disease causes gradual loss of muscle control, resulting in violent convulsions and bizarre dancing movements. Named for an American physician, FTP, identify this disease suffered by Woody Guthrie and represented in allele form by the letter H.

Answer: Huntington's Disease

18. Attributed to the third century BC, it consists of twelve chapters and its conclusion is stated at the beginning, "all is vanity." Traditionally ascribed to Solomon, this book of the Old Testament assumes that natural phenomena are cyclical and preordained, leading to hedonistic, cynical doctrines. Found in the Writings of the Hebrew canon, it is known in Hebrew as *Qoholeth*. FTP, identify this biblical book, whose name translates as "one who preaches."

Answer: Ecclesiastes (accept early Qoholeth)

19. His popular novels of the 70s included *The Assassins* and *The Understudy*. In fact two of his films, *America, America* and *The Arrangement*, are adaptations of his own novels. Following the success of his first feature, *A Tree Grows in Brooklyn*, he went on to such popular films as *East of Eden*, which was instrumental in the awarding of his controversial honorary Oscar in 1999. FTP, name this snitch who also directed *A Streetcar Named Desire* and *On the Waterfront*.

Answer: Elia Kazanjoglous

20. Its third chapter is the final stage in what the author calls the "problem," and demonstrates the potential connection between the titular ideas. This third chapter, "Luther's Conception of the Calling," precedes the chapter on the four major ascetic forms of Christianity, "The Religious Foundations of Worldly Asceticism," and begins the focus of how Calvinism's belief in predestination fostered the current free market economy. FTP, identify this study of how religion influences the economy, a work by Max Weber.

Answer: The Protestant Ethic and the Spirit of Capitalism

21. This nation hosts the annual Cane Road Classic, and the Brimstone Hill fortress is found here. Its richer member considered seceding in 1998, but the referendum was defeated. 11 of the 14 seats in its National Assembly are chosen by popular election, with Dr. Denzil Douglas as current prime minister. Consisting of two volcanic islands, it attracts 80,000 tourists a year, nearly double its population. It was united with Anguilla from 1967 but has been independent since 1983. FTP, name this two-island Caribbean nation, with capital at Basseterre.

Answer: Saint Kitts and Nevis or Saint Christopher and Nevis (accept answers without the "and")

**2001 Chicago Open**  
**Bonuses by Dog Drama**

1. Name these works from their ultra-condensed versions found online at Book-a-Minute Classics, FTP each:

A. Bad things happen. Worse things happen. Better things happen. Awful things happen. Jurgis discovers socialism and gets all happy.

Answer: The Jungle

B. The voice of the Captain: "This fugitive is just like myself. I'll call him, 'My second self.'"

The voice of Captain Archbold: "Where is he?"

The voice of the Captain: "Um, he's not in this room here. Wait, I am now obsessed." (The Captain puts the ship in danger and saves it.)

Answer: The Secret Sharer (by Joseph Conrad)

C. The voice of Addie: "I have a child. Yay. I have a second child. Boo. Just for that, I'll have another. I'm sorry; to make up for it I'll have two more." (Addie dies and her body rots. Her children have PROBLEMS.)

Answer: As I Lay Dying

2. Name these Arena Football League franchises, FTP each:

A. Coached by Jay Gruden, brother of John, the Oakland Raiders' coach, this southern team has won two of the last three championships.

Answer: Orlando Predators (accept either name)

B. Founded in 1995 and led by former Tennessee QB Andy Kelly, this team lost last year's Arena Bowl to the Orlando Predators.

Answer: Nashville Kats (prompt on "Nashville")

C. The only team to go from the AFL to the fledgling AFL2, for smaller markets, is this Des Moines-based team, most famous for grooming Kurt Warner.

Answer: Iowa Barnstormers (prompt on "Iowa")

3. Name these things from fluid dynamics, FTP each:

A. This dimensionless number is used to determine the type of fluid flow through a pipe. Laminar flow results if it is less than 2000. Turbulent flow results if it is greater than 3000.

Answer: Reynolds number

B. This law states that externally applied pressure is transmitted uniformly in all directions in a confined fluid, while force is transmitted at the speed of sound in a static fluid and acts at right angles to any surface bounding the fluid.

Answer: Pascal's law

C. This equation applies if the Reynolds number is less than 2000. It relates the volume flow rate of a fluid through a cylindrical tube to the pressure difference between the ends of the tube.

Answer: Poiseuille's equation

4. Name these kings of Persia, FTP each Yo:

A. This son of Xerxes I ruled from 465 to 425 BCE. His reign saw the rebuilding of Judea and an Egyptian revolt. Themistocles was a visitor to this king's court.

Answer: Artaxerxes I

B. After he got waxed by the Greeks at Marathon in 490 BC, he prepared a third invasion fleet, but died before it was completed.

Answer: Darius I or Darius the Great

C. In 224 CE, this vassal-king rebelled against the Parthians and defeated them at the Battle of Hormuz, thereby beginning the Sassanid dynasty.

Answer: Ardashir I

5. Name these painters from works on a 10-5 basis:

A. 10: *The Burial of Phocion*

5: *The Holy Family on the Steps*

Answer: Nicolas Poussin

B. 10: *Landscape with Windmill and Dancing Girls*

5: *Embarkation of the Queen of Sheba*

Answer: Claude Lorraine

C. 10: *Autumn, Pastorale*

5: *Diana Bathing*

Answer: Francois Boucher

6. Be optimistic and try to thirty this bonus about Voltaire's *Candide*, FTP each.

A. At the end of his trials, *Candide* marries this now-ugly, once-fair maid.

Answer: Cunegonde

B. The book's second chapter sees our hero nearly flayed alive by this people, whose king saves him to help in their fight against the Abares.

Answer: Bulgarians

C. *Candide* picks up this loyal, quarter-Spanish valet in Cadiz.

Answer: Cacambo

7. Name these compounds involved in the Krebs cycle, FTP each:

A. The Krebs cycle begins when this two-carbon compound enters the cycle to form the citrate molecule.

Answer: acetyl coenzyme A or acetyl CoA

B. This is the four-carbon molecule with which acetyl CoA reacts in order to form citrate. It is also one of the final products of the Krebs cycle.

Answer: oxaloacetate

C. Identify the by-product formed via phosphorylation when succinyl CoA is converted to succinate. One molecule is formed per turn of the Krebs cycle.

Answer: guanosine triphosphate or GTP

8. Name these figures from American labor history, FTP each:

A. This man founded the Knights of Labor in 1869 and led them until they dissolved.

Answer: Terence V. Powderly

B. This Illinois governor committed political suicide by pardoning the three surviving men convicted of the Haymarket Square incident in 1893.

Answer: John Altgeld

C. Under this man's leadership, the United Mine Workers' membership surpassed half a million, and he later led the creation of the Committee of Industrial Organization.

Answer: John L. Lewis

9. Name these Russian port cities, FTP each:

A. Russia's main port up to the 19th century, it is located on the White Sea and is icebound half the year.

Answer: Archangelsk (accept Archangel)

B. Founded on the Barents Sea in 1916, it is nicknamed "Hero City" for never having been taken by the Nazis in WWII.

Answer: Murmansk

C. Located at the northern reach of the Sea of Okhotsk, this city served as the administrative center for the Soviet Gulags and is Russia's main Eastern port.

Answer: Magadan



10. Name these Hindu deities from descriptions, FTP each:

A. A member of the Trimurti, this god is known as “the Destroyer” and will destroy the three worlds upon opening his third eye. His throat is blue from swallowing the world’s sins.

Answer: Shiva

B. This god of the wind was the father of Bheema in the *Mahabharata*. He blows.

Answer: Vayu

C. This god presides over fire and consumes the clarified butter poured at rituals and sacrifices.

Answer: Agni

11. Given lines from an early 20<sup>th</sup>-century American poem, name both the poem and its author, for 5 points each.

A. “She sang beyond the genius of the sea. / The water never formed to mind or voice”

Answer: “The Idea of Order at Key West” by Wallace Stevens

B. “Some say the world will end in fire, / Some say in ice. / From what I’ve tasted of desire / I hold with those who favor fire.”

Answer: “Fire and Ice” by Robert Frost

C. “What happens to a dream deferred? / Does it dry up / like a raisin in the sun?”

Answer: “Harlem” by Langston Hughes

12. Identify the following concerning Roger Bhan’s sex organs, FTP each:

A. Roger’s sperm are stored in this long coiled tube, though the long part is under debate.

Answer: epididymis

B. Roger’s sperm is transported from his epididymis to the outside of his testes via this duct.

Answer: vas deferens

C. These cells line Roger’s seminiferous tubules in his testes. Named after an Italian histologist, they protect Roger’s spermatids and convey nutrients to his spermatozoa.

Answer: Sertoli cells or sustentacular cells

13. Answer this grab-bag of questions about relatively recent Spanish history, FTP each:

A. Whom did Napoleon install on the Spanish throne in 1808?

Answer: Joseph Bonaparte (prompt on “his brother”)

B. Upon the death of Ferdinand VII in 1833, a civil war of succession began between supporters of Ferdinand’s infant daughter and those of his brother. What name, taken from his brother’s royal appellation, designates this war?

Answer: First Carlist War

C. In 1923, what general led a military coup that installed him as dictator until his death in 1930?

Answer: Primo de Rivera

14. Name these colleges that have promising 2001 recruiting classes for NCAA men’s basketball:

A. For 5 points, Top national prospect Dajuan Wagner of Camden, NJ, will play for John Calipari at this school.

Answer: University of Memphis

B. For 5 points, After several starters, like Richard Jefferson and Michael Wright, jumped early to the NBA draft, this school was fortunate to add Dennis Latimore and Salim Stoudamire.

Answer: University of Arizona

C. For 10 points, This team got two athletic local recruits in Andre Patterson and Cedric Bozeman.

Answer: UCLA or University of California at Los Angeles

D. For 10 points, This school got a top national prospect in Julius Hodge but dropped the scholarship of Damien Wilkins, nephew of Dominique Wilkins..

Answer: NC State or North Carolina State University

15. Name these early socialists, FTP each:

A. His "New Christianity" stressed the need for religion and science to come together. His calls for disarmament and collaboration with England and Germany didn't go over too well, though.

Answer: Claude Saint-Simon

B. This French reformer, in his work *The New Industrial World*, argued for a society broken into small, self-supporting "phalansteres," or phalanxes.

Answer: Charles Fourier

C. He organized groups such as the Bible Communists in Vermont but is best-known as the founder of the Oneida community.

Answer: John Humphrey Noyes

16. Name these Chinese novels, for 15 points each:

A. It describes the fictionalized adventures of Hsuan-tsang, a Buddhist priest on a quest to find holy scriptures accompanied by 3 magical helpers. It is generally attributed to Wu Ch'eng-en, a writer from the late Ming period.

Answer: Journey to the West or Hsi yu chi

B. It was inspired by the author's 5-month 9,000-mile trip within China. Featuring extensive dialogues with an invented "other woman" blended with physical travels and spiritual quests, it was written by the winner of the 2000 Nobel Prize for Literature.

Answer: Soul Mountain or Lingshan

17. Name these minor tectonic plates, FTP each:

A. Wedged in between the Pacific and North American plates, this small plate which shares its name with a strait and is responsible for volcanic activity in Washington state.

Answer: Juan de Fuca Plate

B. Along the Peru-Chile trench, this oceanic plate, which shares its name with an old culture from the area, is being subducted under the South American plate.

Answer: Nazca Plate

C. Located in the south Atlantic, this oceanic plate is between the South American and Antarctic Plates; its western tip is at Tierra del Fuego.

Answer: Scotia Plate

18. Name these treaties in which the Turks got screwed, FTP each:

A. This 1920 treaty deprived Turkey of half its population and two-thirds of its land; it was revised at Lausanne in 1923.

Answer: Treaty of Sevres

B. Large portions of Turkish territory were ceded to Russia in this 1878 treaty, later revised by the Congress of Berlin.

Answer: Treaty of San Stefano

C. The Turks ceded Kerch and other Black Sea ports to the Russians in this 1774 treaty, named for a village near the Danube.

Answer: Treaty of Kutchuk-Kainardji or Kuchuk-Kainarji

19. Name the 20<sup>th</sup>-century female philosophers who wrote these works, FTP each:

A. *Speculum of the Other Woman*

Answer: Luce Irigaray

B. *Powers of Horror: An Essay on Abjection*

Answer: Julia Kristeva

C. *The Origins of Totalitarianism*

Answer: Hannah Arendt

20. Identify these Old or Middle English poems:

A. For 5 points, Characters in this adventure-epic include Wiglaf, Hrothgar, and Grendel.

Answer: Beowulf

B. For 10 points, Generally attributed to William Langland, this 14<sup>th</sup>-century allegorical poem takes the form of a dream vision.

Answer: The Vision of Piers Plowman

C. For 15 points, This Old English 325-line fragment describes the courageous stand of English troops under Byrhtnoth [biirt noth] against a Viking invasion.

Answer: Battle of Maldon

Name these Hellenistic sculptures from descriptions, FTP each:

A. Now dominating the entrance to the Louvre, this headless statue once stood at the summit of a sanctuary complex on a Greek island.

Answer: Nike of Samothrace (prompt on "Winged Victory")

B. Created by a Pergamene sculptor around 200 BCE, it is a mortally wounded nude, whose agony is depicted with much pathos.

Answer: The Dying Gaul

C. The sculptor's name, Alexandros or Agasandros, cannot be fully read on the plinth, and though the proportions of the goddess' breasts and upper torso are Classical, her full and swaying hips are Hellenistic.

Answer: Venus de Milo