

8th Annual Juan Carlos Viscerra memorial tournament

Round 7

Questions by NYU

Tossups

1. Various plotlines on this sitcom have found the two protagonists getting drunk at fashion shows, getting drunk in the French countryside, getting drunk while skiing in the Alps, getting drunk and stoned in Marrakech, and getting drunk at a father's funeral and falling into an open grave. Amazingly, they still find time for other activities, such as having "emergency liposuction," and accidentally burning down their kitchen. FTP, name this British-made TV show starring Joanna Lumley and Jennifer Saunders as middle-aged party girls Patsy and Edina.

Answer: **Absolutely Fabulous**

2. This city saw the first pawnshop open in Germany in 1498. It was first mentioned in a Staufien document in 1050 and its name derives from the German for "rocky hill" and it is located in Bavaria, in southeast Germany. FTP, name this city which, because its courthouse was one of few left standing in Germany, hosted the post-World War II Nazi trials.

Answer: **Nürnberg** or **Nuremberg**

3. Today, his work is set to rock 'n' roll music by the Tehran-based band O-Hum, although their music has been banned by conservative religious authorities in Iran. Born in Shiraz in the early 1300s, he acquired his surname from memorizing the Qur'an at an early age and wrote passionate lyric verse in a variety of traditional forms, including the *ghazal* and the *rubaiyyat*. FTP, name the poet acclaimed as the greatest master of the Persian language.

Answer: **Hafez** OR **Hafiz** (note: His birth name or former name was Shams al-Din Muhammad)

4. He is the Peter de Florez Professor in MIT's Department of Brain and Cognitive Science and is the second most famous linguist in Cambridge. He has been successful in explaining Noam Chomsky's linguistic theories to a wider audience in popular science books such as *Words and Rules* and *The Language Instinct*. His original research is in how the mind creates language through the combination of an innate concept of grammar and the influence of other speakers. FTP, name this thinker.

Answer: Stephen **Pinker**

5. Studying in Modena prior to going to Mantua where he arrived shortly before the death Andrea Mantegna, traditionally he completed Mantegna's family chapel. Using chiaroscuro in his work as opposed to the distinct lines of Mantegna, he decorated the St. John the Evangelist and completed "Assumption of the Virgin" for his local cathedral. Known for "Day," "Jupiter and Io," and "Mystic Marriage of St. Catherine" FTP identify

this chief artist of the school of Parma who was originally known as Antonio Allegri.

Answer: **Correggio**

6. In mathematics, this letter refers to the canonical line bundle of top-degree differential forms on a manifold, and also to a cohomology theory of vector bundles on which the Atiyah-Singer Index theorem is based. In physics, it refers a particle consisting of a down quark and an anti-strange quark that decays in a way violating parity conservation. FTP, name this letter also used to refer to the force constant of a spring and to Boltzmann's constant.

Answer: **K**

7. In this work, Aristotle explores the highest good for man, the nature of virtue and the nature of moral responsibility. He quickly arrives at the conclusion that the highest good or man is eudaimonia (pronounced you-die-moe-knee-uh), roughly translated as happiness or flourishing. The bulk of the text is an attempt to explain the nature of eudaimonia, incorporating the ideas of virtue and moral responsibility.

Answer: **Nicomachean Ethics**

8. A lioness in a game preserve in central Kenya recently baffled observers by adopting one of these prey animals after scaring off its mother and protecting it for two weeks, flying in the face of the law of the wild, until another lion killed it while the exhausted lioness rested. FTP, name the species of animal the lioness protected, a type of antelope with two long, straight and lethal horns, in honor of which it is sometimes dubbed "saber antelope."

Answer: **Oryx**

9. Exiled to Marseille for his part in the Carbonari, his first public gesture was an "open letter" to Charles Albert, the king of Piedmont. After he was exiled he founded a new patriotic movement called "Young Italy" and edited a propagandist journal of that name. Only returning to Italy in 1848 he served in the army under Garibaldi but was called by Count Cavour the "chief of the assassins." FTP name this Italian revolutionary and champion of the Risorgimento.

Answer: Giuseppe **Mazzini**

10. His songs have been covered by such artists as Billy Idol, the Human League, The Spice Girls and, most successfully, Joan Jett, who had a hit with her version of "Do You Wanna Touch Me? (Oh Yeah!)." Still, most Americans will only know him for a throwaway 1972 B-side whose lyrics consisted entirely of the word "Hey!" repeated at various intervals. FTP, name this glam-rock figure who changed sporting events forever with his sing-along anthem, "Rock And Roll Part Two."

Answer: **Gary Glitter** (acc. Paul Gadd)

11. A student under Christian Wolff, his first position was as lecturer in Arnoldsdorf. In that time he completed three works in that time: "On Fire," "Monodologia physica," a comparison of the theories of Newton and Leibnitz and "First principles of metaphysics," an analysis of the principle of sufficient reason. Influenced by Rousseau, according to

this philosopher it was Hume, who first awoke him from his dogmatic slumber. The foremost thinker of the Enlightenment FTP name this great philosopher who combined Rationalism and Empiricism in such works as "Critique of Pure Reason."

Answer: Immanuel **Kant**

12. They migrated to Anatolia from the Aral Sea region during the mid-11th century and under the leadership of Alp Arslan, they defeated the Byzantine army at Manzikert in 1071. They adopted Sunni Islam, perhaps responsible for the dominance of that sect in the Near East. FTP, name this group of Turks that ended the Byzantine Empire in 1453 when they took over Constantinople.

Answer: **Seljuk** Turks (accept Seljukids or Seljukid Turks)

13. In this play, the fictional Frenchman Rene Gallimard falls in love with Song Liling, a beautiful Chinese actress. Song takes advantage of Gallimard's "Asian fetish" in order to extract secrets from him, and it is subsequently revealed that Gallimard's beloved is not only a Communist spy, but a man as well. This play was based on events surrounding a diplomat, Bernard Bouriscot, and the events leading up to his arrest and trial for treason. FTP, name this David Henry Hwang work and winner of the 1988 Tony Award, whose name is very similar to a Puccini opera.

Answer: **M. Butterfly**

14. This church was uncompleted in its architect's lifetime, and it is still not finished today. Its architect was devoutly religious in the Catholic Church, though he probably would never have attended mass there, as it is an expiatory church, begun in Barcelona in the late 1800s as a monument of the Catholic Church and of the strength of Catalan. FTP, name this church, considered to be the masterwork of the Catalonian architect Antonio Gaudí.

Answer: **Church of the Sacred Family** or Church of the **Sagrada Familia** or Temple of the **Sagrada Familia**

15. Virginia Wolfe called it Charlotte Brontë's finest novel, and George Eliot, upon reading it, said that there was "something almost preternatural in its power." Published in 1853, it concerns the experience of Lucy Snowe, a young Englishwoman who becomes a teacher at a French boarding school. She finds herself attracted to two men: a doctor and a schoolmaster. It is said to be autobiographical, based on Brontë's years as a governess in Brussels. FTP, name this, Charlotte Brontë's last novel.

Answer: **Villette**

16. Born in Denver on February 8, 1926, he perfected the art of stealing cars as a con artist in his youth. In 1946 he visited a friend at Columbia University where he immediately befriended Allen Ginsberg and Jack Kerouac and helped them start the Beat Generation. In 1964, he joined Ken Kesey and his Merry Pranksters to drive their bus across the country. FTP, name this man, written about in *On the Road* as Dean Moriarty.

Answer: Neal **Cassady**

17. Two very similar species of the spotted skunk, the *Spilogale gracilis* and the

Spilogale putorius inhabit the same geographical ranges, but they do not interbreed because *S. gracilis* mates in late summer, while *S. putorius* mates in late winter. Different species of the orchid genus *Dendrobium* grow in the same rainforest but fail to hybridize because they flower on different days. In cases such as these, mating is impeded or fertilization of the ova is hindered through specific causes. FTP, name this prezygotic barrier in which two species that breed during different times of the day, different seasons, or different year can not mix their gametes.

A. **Temporal Isolation**

18. After partaking in the storming of Tuileries Palace in 1792 and overthrowing the monarchy, he was arrested for helping the radicals ousting the moderate Girondists from the National Convention. (*) When the Jacobins took control, he became more extreme and helped usher in the Reign of Terror. However, he lost favor from Danton and Robespierre and in 1794 he was guillotined. FTP, identify this French journalist and revolutionary, leader of the *Sans-culottes*.

Answer: Jacques Rene **Hebert** [ay-bear]

19. A bonnethead shark at Henry Doorly Zoo in Omaha recently gave birth even though she had been swimming only with other female bonnetheads for the past three years. That could be the first known shark case of this phenomenon, whose name comes from an earlier Greek theological term, known to be common among amphibians wherein females give birth without having technically been impregnated.

Answer: **parthenogenesis** (accept asexual reproduction before “Greek”)

20. Typically his works fall into two main categories: historical romances and domestic tragedies. Attributed by a friend to have said, “Art is something which lies in the slender margin between the real and the unreal,” during his lifetime his most popular work was *The Battles of Coxinga* which was based loosely on an adventurer who attempted to restore the Ming dynasty. Best known today for his double-suicide plays; the first of these was *The Love Suicides at Sonezaki*. A writer for the bunraku, or puppet theater, FTP name this author who is considered the greatest Japanese playwright.

Answer: **Chikamatsu** Monzaemon (Sugimori Nobumori)

21. Founded in 1589 as Tsaritsyn (pronounce the “ts” like *ts* in *cats*), this city contains the largest freestanding statue in the world, *Victory*, which commemorates an important battle of the Great Patriotic War. Under a law passed during the Yeltsin presidency, some of its older citizens have begun a movement to change its current name back to its glorious Soviet one. This is opposed by the younger population, which is opposed to their city being named after the like of Stalin. FTP, give the current name of this much-renamed port, whose current name translates to Volga City.

Answer: **Volgograd** or **Stalingrad**

22. This archaeological principle of dating is very simple, but it often does not hold true. Geologic processes and human and animal interference often disrupt archaeological sites, causing shifting, mixing, and overturning of layers of earth and materials. Ideally, the layers would be undisturbed, and the deeper the layer, the older the material contained in

that layer and younger material is deposited on top of older material. FTP, name this principle, the basis of stratigraphy.

Answer: The Principal (or Law) of **Superposition**

23. Born in 1942, this resident of a Chicago suburb was a contractor by day. From 1972-78, this serial killer sodomized and strangled to death at least 33 boys, burying most of them in his basement. FTP, name this clown-costume-wearing psychopath who holds the record for most murders by one individual in American history.

Answer: John Wayne **Gacy**

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1. FTPE, Name the Gabriel García Márquez novel from characters.

a) Pilar Ternera, Melquíades, Aureliano Buendía

Answer: **One Hundred Years of Solitude** or **Cien Años de Soledad**

b) Divina Flor, Poncio Vicario, Santiago Nasar

Answer: **Chronicle of a Death Foretold** or **Crónica de una Muerte Anunciada**

c) Hildebranda Sánchez, America Vicuña, Juvenal Urbino

Answer: **Love in the Time of Cholera** or **El Amor en Los Tiempos de Cólera**)

2. Many historically large cities lie along major rivers. Given three African cities, identify the major river that they all lie upon for 10 points each:

A. Niamey, Timbuktu, Bamako

Answer: **Niger** River

B. Brazzaville, Kinshasa, Mbandaka

Answer: **Congo** River

C. Aswan, El-Minya, Beni Suef

Answer: **Nile** River

3. The numbers are making... me... go... insane... For ten points each, name the field of mathematics from its description.

a) The study of families of sets and the analysis of their combinations, AKA the "science of counting."

Answer: **Combinatorics**

b) The study of whole and rational numbers, with such subjects as the properties of primes and Fermat's little theorem.

Answer: **Number theory**

c) John Forbes Nash's work has largely been in this field, the study of systems like the Prisoner's Dilemma.

A: **Game theory**

8. FTPE, name the movie starring our favorite actor, William Hurt.

a) Hurt made his film debut in this 1980 special effects-filled cult classic, based on Paddy Chayefsky's novel, as a research scientist exploring different levels of consciousness through the use of sensory deprivation and hallucinogenic drugs.

Answer: **Altered States**

b) Hurt was part of an ensemble cast in this 1983 tale of seven college friends reuniting at a funeral, a film possibly best known for its hugely successful soundtrack of 60's classics.

Answer: **The Big Chill**

c) Hurt won the Oscar for Best Actor in 1985 for this film, in which he plays a gay window decorator doing time in a South American jail with fellow political prisoner Raul Julia.

Answer: **Kiss of the Spider Woman**

9. Name the endangered European language from the description given FTPE.

a) The traditional language of Ashkenazi Jews, it is Germanic in origin and used to be heard throughout eastern and central Europe. Many of its speakers were murdered during World War II and most speakers today live in North America and Israel.

Answer: **Yiddish**

b) A romance language closely related to French, it survives today in the south of Belgium where it is spoken by as many as 45% of the natives of that region.

Answer: **Walloon**

c) It is one of the four official languages of Switzerland despite being spoken by less than 1% of the population.

Answer: **Romansh**

10. Answer the following concerning Computer Science:

1. This is a model of computation consisting of a set of states, a start state, an input alphabet, and a transition function that maps input symbols and current states to a next state.

Answer: **finite state machine**

2. For 5 points each, these are the two most common types of finite state machine

Answer: **Mealy** machine AND **Moore** machine

3. This is a finite state machine with probabilities for each transition. It is named for a Russian scientist.

Answer: **Markov chain**

11. Given the names of some columnists, name the magazine for which they write FTPE.

a) Margaret Carlson, Lance Morrow, Joel Stein.

Answer: **Time**

b) David Sprague, David Kushner, Peter Travers

Answer: **Rolling Stone**

c) J. Max Robins, Matt Roush, Phil Mushnick.

Answer: **TV Guide**

12. FTSNP, name these steppe peoples who created short-lived empires that were nevertheless devastating to the settled peoples of Europe, the Middle East, and China.

5) They are the farthest east of the steppe peoples and their most important empire was

begun by the conquests of Genghis Khan.

Answer: **Mongols**

15) The first steppe people that we know much about, they were an Iranian people who were based in what is now the Ukraine. Herodotus was quite fond of them, for barbarians; he reports them drinking out of mugs made from the skulls of opponents.

Answer: **Scythians**

10) They were a Finno-Ugric people with a Turkic elite who settled in the farthest west extension of the steppe in the ninth and tenth centuries. Converted to Christianity in the year 1000, these descendants of this steppe people now make up the population of a Central European country linguistically distinct from its neighbors

Answer: **Magyars** (mud-yars or mag-yars)

13. FTPE, identify the authors of the following books about the religious experience.

1. *The Varieties of Religious Experience*

Answer: **William James**

2. *The Savage Mind*

Answer: Claude **Levi-Strauss**

3. *Civilization and its Discontents*

Answer: Sigmund **Freud**

14. How well do you know your Renaissance Florentine leaders? Identify the following FTPE:

a) He ruled Florence from 1434-1464, beginning a 60-year dynasty of perhaps the most powerful family of the Florentine Renaissance.

Answer: **Cosimo di Medici**

b) This monk became the real spiritual leader of Florence after the exile of the Medici in 1494. However, four years later he was tortured and burned as a heretic at Piazza della Signoria.

Answer: Girolamo **Savonarola**

c) The last ruler of the first Savonarolan Florentine Republic, this man was ousted from Florence when the kingdom of Aragón threatened to attack the city in 1512.

Answer: Pierre **Soderini**

15. NATO has been in the news a lot lately. Answer the following about the organization FTSP.

a) For five points, this is the article of mutual defense invoked after the September 11 attacks.

Answer: **Article Five** (Article V)

b) These three countries are the newest members of NATO, having joined in 1999. Name them FTPE.

Answer: **Poland**, **Hungary**, and the **Czech Republic**

c) The Founding Act established a partnership with which nation FTP.

Answer: **Russia**

16. Name these North American plants for 10 points each:

A. This insect-eating plant is found only in the Carolinas. When sensitive bristles on the leaves are touched by a small insect, the leaves snap shut.

Answer: **Venus flytrap**

B. This giant cactus of the Southwest can live for 200 years and reach a height of 50 feet.

Like a massive sponge, it can absorb about a ton of water.

Answer: **saguaro**

C. A member of the orchid family, this white and pink flower is found in the woodlands. It is named for its shape, resembling a pair of feminine footwear.

Answer: **lady's slipper**

17. Answer the following questions about novels dealing with the very clichéd premise of immigrant girls who are caught between the mores of the old country and the more permissive American society FTSNP

a) 5: Amy Tan authored this book, which tells the stories of four women from China who play mah-jongg every week with each other, as well as telling of each of their relationships with their Americanized daughters.

Answer: **The Joy Luck Club**

b) 10: This short novel by Sandra Cisneros is a series of vignettes about the struggles of growing up in the inner city and the different aspects of Latino culture, as told through the eyes of a young girl named Esperanza.

Answer: **The House on Mango Street**

c) 15: This Edwige Danticat novel deals with Sophie, a young Haitian girl living in New York, who struggles with her overprotective and often emotionally unstable mother.

Answer: **Breath, Eyes, Memory**

18. For 10 points each, identify the following “schools” of art:

A. This school of mid-19th-century American landscape painters was led by Asher Durand and Thomas Cole.

Answer: **Hudson River** School

B. This school of American realist painters illustrated the “sordid side” of urban life, especially New York City. Begun by a rebellious group nicknamed “The Eight,” this school featured such artists as John Sloan, Everett Shinn, George Luks, and William Glackens.

Answer: **Ashcan** School

C. This mid-19th-century group of landscape painters was centered on a namesake village in the Forest of Fontainebleau. Its depiction of peasant life was fresh and realistic. Members included Jean-François Millet, Diaz de la Peña, and Théodore Rousseau.

Answer: **Barbizon** School

19. Papa don't preach! I've made up my mind; I'm keeping my baby! FTPE, identify these terms dealing with human reproduction.

a) This organ attaches the embryo to the uterine wall and exchanges nutrients, gases and wastes between the maternal blood and the embryonic blood.

Answer: **Placenta**

b) A fetal testing technique in which a sample of amniotic fluid is withdrawn from the amniotic cavity by inserting a hollow needle through the mother's abdominal wall.

Answer: **amniocentesis**

c) The technical term for this form of twins resulting from the fertilization of two ova by two sperm cells.

Answer: **dizygotic** twins

20. The true test of a good philosophical argument lies in its logical construction. Show your knowledge of logical arguments FTPE before you start arguing with your opponents!

a) A proposition antecedently supposed as a basis of argument or inference.

Answer: **Premise**

b) An argument in which there is no possible world in which all the premises are true and the conclusion is false is deemed to be this.

Answer: **deductively valid**

c) An argument is considered to be this if and only if it is valid and all the premises are true in the actual world (meaning the facts as they stand now in the world).

Answer: **deductively sound**

21. Name these historically important New World crops from clues FTPE.

a) First cultivated along the southern coast of the Caribbean, this crop has the highest yield of calories per hectare of any in the world. Also known as manioc, it would not grow in Europe, but its cultivation was taken up in West Africa where it caused the population explosion that contributed to the early slave trade.

Answer: **cassava** (accept manioc before that word is read)

b) First cultivated in the Andes Mountains, it spread throughout Europe quickly in the sixteenth century and was one of the two major contributors to the European population explosion that motivated tens of thousands to leave and settle the Americas. All the plants in Ireland were descended from two imported from Spain.

Answer: **potato**

c) Its meal is eaten by most South Africans daily. Originally a bare plant with only forty small kernels, it was bred to be larger and was ingeniously crossbred with various Mexican grasses to make its husk.

Answer: **maize** or **corn**

22. On a 5-10-15 basis, name these French novels that have been updated in contemporary entertainment:

A. This Victor Hugo novel centers on a noble peasant, imprisoned for stealing a loaf of bread. It has been turned into a successful Broadway hit, with such songs as "On My Own" and "Master of the House."

Answer: *Les **Miserables***

B. This Alexandre Dumas novel, the last of the Three Musketeers saga, contains a daring jailbreak and the toppling of the French King. The latest Hollywood treatment of this book had Leonardo di Caprio playing the title role.

Answer: *The **Man in the Iron Mask***

C. This Choderlos de Laclos novel, written as a series of letters, is the basis for the film *Cruel Intentions*, starring Ryan Phillippe, Sarah Michelle Gellar, and Reese Witherspoon.

Answer: *Les **liaisons dangeruses*** or ***Dangerous Liaisons***

23. Identify the following altarpieces on a 10-5 basis:

1. For 10 points, Commissioned by a Medici agent in Bruges, when open the center is a nativity scene flanked by the donor, his family, and their patron saints.

