

2001 Chicago Open

Tossups by Negmaster Flash and the Spurious Three (Burnett/Sorice/Vicich)

1. The novel is set in the village of Beldover, where the two main characters teach at the local school. At the end of the novel, Gerald Crich kills himself in the mountains of Tyrol where he is vacationing with Rupert Birkin and the two central characters, one of whom was modeled on Katherine Mansfield with the other modeled on the author's own wife Freida. FTP, name this 1920 sequel to *The Rainbow*, a novel about the Gudrun and Ursula Brangwen by D.H. Lawrence.

Answer: Women In Love

2. Perhaps his most characteristic victory came at Nagashina, when his three thousand best arquebusiers used the volley-fire tactic that he pioneered to destroy the dreaded Takeda cavalry. Credited with ending the Sengoku period, this figure would be betrayed and murdered by Akechi Mitsuhide, one of his own generals. This happened after he sent all but 100 of his 2000-man guard to reinforce Toyotomi Hideyoshi at Takamtsu. FTP, name this ruthless daimyo who made a puppet of the last Ashikaga shogun before his death in 1582.

Answer: Oda Nobunaga or Kichihoshi

3. It was crystallized and identified as a protein by John H. Northrop in 1930, but not before it became an ingredient in a major brand of cola and a great aid to leather makers everywhere. Impulses from the vagus nerve lead to release of its precursor, which then creates this substance in an active form. Its synthesis from similarly named cofactors in the stomach is aided by the presence of hydrochloric acid, in which it is at its peak effectiveness. FTP, name this substance isolated by Thedor Schwann in 1836 as the first enzyme prepared from animal tissue.

Answer: pepsin

4. In his autobiography *Retrospect*, he traces his passion for art back to a viewing of a collection of Rembrandts at the Hermitage, but says that at the time he felt that art was "a luxury forbidden to" a citizen of his country. His career progressed from simple canvases like *Landscape with Steeple* to pictographic works like *Tempered Elan*. He was heavily influenced by his mistress and collaborator Gabrielle Munter, even though she was against his naming system like *Composition VII* and *Improvisation X*. FTP, name this artist, who with Franz Marc, co-founded Der Blaue Reiter.

Answer: Wassily Kandinsky

5. Three of its parts are written in the first person, with the final part ending with the primary narrator's union with a beautiful painter. The third part, tangentially related to the others reveals a diplomat's love for Nessim's mother and continues the gun-running plot. In the second novel, the narrator, Darley, discovers that his love actually loves Pursewarden, a fact revealed to him by Balthazar. FTP, name this series of novels, whose titles include *Clea*, *Mountolive*, and *Justine* – the best-known work of Lawrence Durrell.

Answer: The Alexandria Quartet

6. The losing commander at this battle was caught unawares after departing from Liepaja. He had left Nossi-be several months earlier hoping for reinforcements at Camranh Bay, which never materialized. Despite his formidable numbers, Roseshvensky was ambushed by a force under Togo Heihachiro, whose utter victory allowed only four ships to return to Vladivostok, and helped spur on the Treaty of Portsmouth soon after. FTP, name this battle in May of 1905, the largest naval engagement of the Russo-Japanese War.

Answer: Battle of Tsushima Straits

7. This effect has been applied in making high energy laser beams, in which a coherent electron stream is run through a crystal to form a high energy photon beam. While opposed to synchrotron radiation, which is energy released by a particle moving through a magnetic field, this type of radiation is released by a particle moving near to atomic nuclei. FTP, name this effect, in which the electric fields of nuclei cause particles to slow down and release radiation, an effect meaning German for "deceleration."

Answer: bremsstrahlung

8. It possesses a certain utility in hearing and vision research, though it was originally construed by its creator as proof for the existence of a "spiritual world." It has been reliably shown not to hold in the case of high levels of input and has, for the most part, been replaced in serious research by the more accurate Plateau's power law of sense intensities and its successors. First published in 1860's *Elemente der Psychophysik*, FTP, name this law that states that the smallest noticeable change in the intensity of a stimulus is a constant ratio of the original intensity.

Answer: The Weber-Fechner Law of the Increase of Stimuli

9. His skin was either green or black, with the green representing living things and the black representing the fertile Nile mud. This deity imprisoned wicked souls so that they could not ascend to heaven and was represented by the goose, explaining his nickname of the "Great Cackler." FTP, name this son of Shu and Tefnut, who fathered Nephthys, Seth, Osiris, and Isis with his sister/wife Nut.

Answer: Geb or Seb or Keb

10. The protagonist feels some of heat with one of his client's daughters, whose husband Regan, an ex-bootlegger and IRA veteran, has recently disappeared. Meanwhile another daughter, Carmen, has been photographed naked by Geiger, a distributor of pornography and associate of gambling promoter Eddie Mars. The protagonist must keep this news from General Sternwood, while attempting to figure out the blackmailers. FTP, name this most famous of the Philip Marlowe novels, a work by Raymond Chandler.

Answer: The Big Sleep

11. He appears in the Icelandic sagas and also in the Nibelungenlied, in which he is called *Etzel*. The latter part of his life was chronicled by Priscus of Panum, who interviewed this leader twice. After concluding the treaty of Margus, he drove toward Singidunum and destroyed the cities of Naissus and Serdica. His power quickly grew after he killed his brother Bleda, but he was finally turned back by Aetius and Theodoric the Great at the Catalaunian Plains. FTP, name this 5th-century barbarian leader known as the "Scourge of God."

Answer: Attila the Hun

12. It worked well for elements heavier than potassium, but could not account for deviances for light metals and solids at extremely low temperatures. The Debye theory of molar heat capacity replaced it, but this law remains today as a good approximation of relative atomic weight. FTP, name this chemical law that states that the molar constant-pressure heat capacity of solids is equal to 3R, or 25 joules per Kelvin-mole, named for the two French scientists who discovered it.

Answer: Law of Dulong and Petit

13. He produced two plays, one of which, *A Fool and a Girl*, starred Fannie Ward. He is known to have starred in one film, *Rescued From an Eagle's Nest*, under the direction of Edwin Porter, who bought some of his film scenarios before he sold some more to the Biograph Company. His critical masterpiece chronicled the fall of Babylon, the crucifixion of Jesus, the St. Bartholomew's Day Massacre, and the story of a wrongfully accused man and was a response to critics of his first film, based on the novel *The Clansman*. FTP, name this director of *Intolerance* and *The Birth of a Nation*.

Answer: David Wark Griffith

14. In its second section the author quotes Confucius by saying that if "the state is not governed by reason, then riches are a shame." Earlier he asked "Why does the government always crucify Christ, excommunicate Copernicus and Luther, and call Franklin and Washington rebels," and later Daniel Webster is criticized for failing to reform government. The opening uses the Mexican-American War as an example of the author's argument, following the statement "that government is best which governs least." However, the best example is that of the author's jail time for failing to pay poll tax in, FTP, what essay by Henry David Thoreau?

Answer: "Civil Disobedience"

15. With Heywood and Tourneur he published what was at the time a famous set of elegies on Prince Henry. His tragedies on contemporary France, like *A late Murder of the Son upon the Mother* and *Guise* are now lost, unlike his collaboration with Rowley, *A Cure for Cuckold*, and his collaborations with Dekker, *Westward Hoe* and *Northward Hoe*. FTP, name this turn of the 17th-century dramatist, who completed Marston's *Malcontent* for the stage and is best-known for *The Duchess of Malfi*.

Answer: John Webster

16. After becoming involved in Turkish intrigues, he had to fight a battle, the kalabalik of Bender, to avoid falling into the hands of Augustus of Saxony. His last military encounter, a siege at Halden, caused his death as he took a bullet in his throat. This only surviving son of Ulrica Eleonora ascended to the throne quite early when the Riksdag declared him fit to rule at the age of 15, in 1697. FTP, name this monarch barely won at Narva and was crushed at Poltava as leader of the Swedish forces during the Great Northern War.

Answer: Charles XII

17. In his *Oktateeteris* he introduced a calendar based on an eight-year cycle. His kampyle is the curve defined by “y squared equals 5x to the fourth minus x squared.” More famously, he proved the most familiar definition for the area of a circle, that of “A equals pi r squaredA=” by the method of exhaustion and suggested a system of 27 spheres to explain planetary motion. FTP, name this man whose theory of proportion influenced Euclid and who is known as being of Cnidus.

Answer: Eudoxus

18. Sanctus is set to “The End”, while Agnus Dei is set to “At Calvary Near Ancre”. Offertorium sets “The Parable of the Old Man and the Young” to music, while the Dies Irae sets four poems to music. Most famous, however, are the settings to music of the poems “Strange Meeting” and “Anthem to Doomed Youth”. Written for the rebuilding of the bombed-out Coventry Cathedral in 1953, this is, FTP, what is this long work that sets Wilfred Owen poems to music, composed by Benjamin Britten?

Answer: War Requiem

19. Vinnie Gustafson plays the character who can't get the shot right, unless he breaks an inconveniently located stained glass window, pieces of which fall on his head. Perhaps the only real characters are Rebecca Pidgeon's bookstore owner and the easily wounded screenwriter, Phillip Seymour Hoffman. Meanwhile Sarah Jessica Parker refuses to bare her breasts and the male lead, Bob Barend, played by Alec Baldwin barely avoids being caught in a compromising situation with Julia Stiles. FTP, identify this movie in which a Hollywood movie production descends on Waterford, Vermont, a film written and directed by David Mamet.

Answer: State and Main

20. The merchant tries to sell people lost time with a pill that quenches thirst, while the conceited man demands that the title character admire him. From the fox he learns that only the heart can see truly, while the geographer teaches him about the nature of time and death. He is in love with the Rose who spurns him, and after a year on Earth he asks the snake to bite him. FTP, name this novel narrated by the pilot about the titular figure from Asteroid B-612, the best-known work of Antoine Saint-Exupéry?

Answer: The Little Prince

21. This writer was commissioned to write the libretto for *The King's Henchman*, at one time the most successful American opera ever. Later works include the sonnet sequence *Fatal Interview* and two sombre poetic collections, *Wine from these Grapes* and *The Buck in the Snow*, none of which was published under her early pseudonym of Nancy Boyd. Her most famous poetic line is probably “My candle burns at both ends,” though she also wrote successful verse plays like *The Lamp and the Bell* and *Aria da Capo*. FTP, name this poet of such collections as *Renasence*, *The Harp Weaver*, and *A Few Figs from Thistles*.

Answer: Edna St. Vincent Millay

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Bonuses by Negmaster Flash and the Spurious Three (Burnett/Sorice/Vicich)

1. Historical stuff about castles, FTP each.

A. This primitive type of castle, consisting of an earthen mound surrounded by several walled areas, was very popular for a time in Europe. European encounters with less flammable Muslim structures tended to spell its doom after the 11th-century.

Answer: mott and bailey

B. Though he is often popularly remembered for his failure to satisfactorily conquer Scotland, this king of England is also known as a castle builder of no mean vision. His many well-placed castles allowed his forces to more or less permanently subdue the Welsh after 1282.

Answer: Edward I

C. This French petty noble is credited not only with building some of the greatest fortifications known to man; including an alarmingly modern fortress at Strasbourg and his masterwork at Landau; but also with inventing tactics such as ricochet gunfire and implements such as the socket bayonet.

Answer: Sébastien Le Prestre de Vauban

2. Name these Somerset Maugham novels:

A. For 5 points, Philip Carey's life as a shy club-footed medical student is most likely a representation of Maugham's life as a gay writer with a stuttering problem in this autobiographical novel.

Answer: Of Human Bondage

B. For 10 points, Willie Ashenden recounts his memories of Rosie and her writer husband, Edward Driffield, after hearing about a project of Alroy Kear's in this short, but brilliant novel.

Answer: Cakes and Ale

C. For 15 points, Maugham's romantic notions about his mother led him to write this short novel about the talented but lonely Julia Lambert.

Answer: Theatre

3. Answer the following about some troubling infinities in physics and the millions of dollars they entailed for the stated number of points.

A. For 5 points, Back in the 40s, quantum theory seemed to be predicting alarmingly infinite masses for various particles, but all that nonsense vanished when this theory formulated by Feynman, Schwinger, and Tomonaga was accepted.

Answer: QED or quantum electrodynamics

B. For 5 points, Name the British physicist who came ever so close to developing Quantum Electrodynamics in 1926 when he combined special relativity and quantum mechanics to yield an equation describing the motion and spin of electrons.

Answer: Paul Adrien Maurice Dirac

C. For 10 points each, More recently, annoyingly infinite probabilities and quantum corrections have been systematically destroyed by the renormalization of the electroweak theory performed by these two Dutchmen. Name these men, whose triumph was also one of symbolic computation in the form of their "Schoonschip" software.

Answer: Martinus Veltman and Gerardus 't Hooft (always remember, order unimportant)

4. Name these compositions of Igor Stravinsky, FTP each:

A. This oratorio derives its title from an ancient Greek tragedy, but its libretto was in Latin.

Answer: Oedipus Rex

B. Based on a series of paintings by William Hogarth, this opera's libretto was written by W.H. Auden and Chester Kallman.

Answer: The Rake's Progress

C. This piece of chamber music, grew out of the earlier ballet A Soldier's Tale and is scored for a small orchestra of eleven instruments. Its title reflects Stravinsky's interest in jazz of the time.

Answer: Ragtime

5. Given a less-well-known Roman emperor, name the more famous emperor who preceded him for 10 points each, or five if you need the year that the more famous emperor lost power, i.e. died.

A. 10: Pertinax

5: 193 AD

Answer: Commodus

B. 10: Macrinus

5: 217 AD

Answer: Caracalla

C. 10: Constantius Chlorus

5: 305 AD

Answer: Diocletian

6. Name these influential literary magazines, FTP each:

A. This Chicago-based journal, founded and edited by Harriet Monroe, featured Ezra Pound as its European correspondent and introduced the work of, among others, Marianne Moore, William Carlos Williams, and Wallace Stevens.

Answer: Poetry: A Magazine of Verse

B. This magazine was founded by T.S. Eliot, and its first issue featured the inaugural printing of "The Waste Land." It went on to introduce the British public to the work of Paul Valéry and Marcel Proust.

Answer: The Criterion

C. This Paris-based magazine was edited by Eugene Jolas and Elliot Paul, and its stated purpose was to encourage experimental art. It published works by Gertrude Stein, E.E. Cummings, and Hart Crane, and from 1927 to 1930 it serially published pieces of Finnegans Wake then known as Work in Progress.

Answer: transition (pretentious lack of capitalization intentional)

7. Identify the following things about unsolvable problems in computer science:

A. For 10 points, This was the first problem in computer science shown to be unsolvable. It is the reason that it's okay that my computer will run code that loops infinitely.

Answer: halting problem

B. For 5 points, One day, after running a race, this homosexual British computer scientist proved the halting problem unsolvable. Later on, he poisoned himself with an apple and his uncle or something wrote a treatise on fly-fishing.

Answer: Alan Mathison Turing

C. For 15 points, In Turing's proof of the unsolvability of the halting problem, if H(P,P) returns "halt," then K(P) loops forever, and vice versa, H and K are both this type of computer science relation, the execution of which was the reason for the creation of the Turing Machine.

Answer: procedures

8. Name these philosophizing Germans:

A. For 5 points, This fine head of victory cabbage thought through the consequences of the triumph of the Enlightenment's secularism, expressing his conclusion in the observation "God is dead."

Answer: Friedrich Wilhelm Nietzsche

B. For 10 points, This figure payed homage to his major influence, Immanuel Kant, with An Attempt at a Critique of All Revelation.

Answer: Johann Gottlieb Fichte

C. For 15 points, His Kalligone is a metacritique of Kant's Critique of Judgement, but more famous is his Outlines of a Philosophy of the History of Man, which he wrote in Weimar while spending some time with Goethe.

Answer: Johann Gottfried von Herder

9. You are now about to hear the best bonus of this tournament, unless of course one on the Backstreet Boys albums comes up. Name these video games known for coming bundled with game systems:

A. For 5 points, This Greek-themed side-scroller was originally released for the Sega Master System. It was later ported to and sometimes sold with the Sega Genesis.

Answer: Altered Beast

B. For 5 points each, The later versions of the Nintendo Entertainment System often came bundled with a triple cartridge containing these three games. The first was the first console flavor of Nintendo's flagship series, the second was introduced along with the Zapper, and the third mostly served as an incentive for children to nag their parents for Power Pads.

Answer: Super Mario Brothers, Duck Hunt, and World Class Track Meet

D. For 10 points, Though the practice of bundling games with video game systems is mostly defunct, Nintendo recently began issuing a flamboyantly decorated version of the Nintendo 64 that comes with this E-rated offering featuring everyone's favorite cause of seizure.

Answer: Pokemon Stadium

10. Answer these questions about the successor states of the Mongol Empire, FTP each:

A. Located on the steppes of Southern Russia, their capital was located at Sarai. Under the leadership of Batu Khan, the northern principalities were subjugated in the 1200s. The Mongol yoke was thrown off by their defeat by the Grand Prince of Muscovy Ivan III in the late 15th century

Answer: Khanate of the Golden Horde

B. This empire located in Central Asia was named after one of Genghis Khan's sons. The intermingling of Mongol and Turkic peoples lead to the evolution of this empire into the Kazakh nations.

Answer: Chagatai Khanate

C. An empire under this man's name formed around the city of Samarkand, whose invasions of terror decimated the populations of Delhi and Isfahan in Iran and weakened both the Golden Horde and Chagatai.

Answer: Tamurlane or Timurlaine or Timur the Lame

11. Identify the following about a writer, FTP each:

A. The author's first and funniest novel, its first chapter, "The Stoker," is often set of as a separate story.

Answer: Amerika

B. Who wrote the novel *Amerika*?

Answer: Franz Kafka

C. What immigrant is the hero and protagonist of *Amerika*?

Answer: Karl Rossman (accept either name)

12. Name the organ that secretes these hormones:

A. For 5 points, vasopressin

Answer: hypothalamus

B. For 5 points, cortisone

Answer: adrenal glands

C. For 10 points, renin

Answer: kidney

D. For 10 points, calcitonin

Answer: thyroid

13. Heracles certainly killed lots of people and things. Play city morgue and name these stiff, FTP each:

A. This princess of the kingdom of Orchomenus was Heracles's first wife. One day, he got really pissed-off and killed her.

Answer: Megara

B. This centaur tried to rape Heracles' second wife, Deianeira; Heracles rejoined by capping his furry ass with a poisoned arrow.

Answer: Nessus

C. As part of his fifth labor, Heracles killed these birds.

Answer: Stymphalian or Birds of Stymphalus

14. Name these Venetian artists, FTP each:

A. He had a famous painting father in Jacopo, a famous painting brother in Gentile, and a famous painting brother-in-law in Andrea Mantegna. His coolest painting is definitely *Feast of the Gods*.

Answer: Giovanni Bellini

B. After Giorgione's death, this man emerged as Venice's foremost painter. His most celebrated canvases include *Sacred and Profane Love* and *Venus of Urbino*.

Answer: Titian or Tiziano Vecellio

C. He actually added some brushstrokes to Bellini's *Feast of the Gods*. This man's best-known work is *The Sorceress Circe*, and he was celebrated by his good friend Ariosto as one of the nine greatest living painters.

Answer: Dosso Dossi or Giovanni Luteri

15. Answer these questions about the move toward Mexican independence, FTP each:

A. This priest led a rag-tag army of Native Americans and mestizos in an unsuccessful attempt to capture Mexico City, but was turned back to due to the threat of a large Loyalist army. He was captured and executed on July 11, 1811.

Answer: Father Miguel Hidalgo y Costilla

B. Originally a royalist, the Spanish Revolution led to his defection to the rebels and capture of Mexico City in 1821. He led Mexico to its first period of independence as emperor only to be deposed in 1823.

Answer: Agustin de Iturbide

C. With the abdication of Iturbide, countries south of Mexico broke away to form this group of states.

Answer: United Provinces of Central America

16. He plans to marry Lucetta, but she falls in love with his rival Donald Farfrae. FTP each:

A. Name this Thomas Hardy title character.

Answer: Michael Henchard or *The Mayor of Casterbridge*

B. Henchard sells his wife, Susan, and his daughter to this sailor for five guineas at the beginning of the novel.

Answer: Newson

C. Susan returns with this girl, whom Henchard believes to be his daughter until the latter part of the novel when she is revealed to be Newson's daughter.

Answer: Elizabeth-Jane

17. Name these theorems, for 15 points each:

A. An integral analogue to Clairaut's Theorem, it states that if some function f is bounded, is discontinuous only on a finite number of smooth curves, and has existent iterated integrals on some region R , then the integral of f with respect to an area over R returns the same value regardless of the order of integration.

Answer: Fubini's Theorem

B. The desired useful approximation when dealing with the law of large numbers is given by this theorem, which in the special case of the binomial distribution was proved by de Moivre in 1730.

Answer: central limit theorem

18. Identify the Miles Davis studio albums from a list of tracks that appear on them, FTP each.

A. "So What," "Flamenco Sketches," "Freddie Freeloader"

Answer: Kind of Blue

B. "Miles Runs the Voodoo Down," "Pharaoh's Dance," "Sanctuary"

Answer: Bitches Brew

C. "Moon Dreams," "Venus de Milo," "Godchild"

Answer: Birth of the Cool

19. Name these Christian heresies, FTP each.

A. This 5th-century, attacked by Augustine, denied the doctrine of original sin and stressed the innate goodness of human nature and the freedom of the human will. It was officially renounced in 418, and its namesake was main proponent was excommunicated. along with his follower Celestius.

Answer: Pelagianism

B. Following the Pelagian heresy was this brief heresy in the same vein but taking its name from Pelagius' chief follower, who was excommunicated along with Pelagius.

Answer: Celestine heresy

C. This heresy, which claimed that Jesus did not contain a divine nature but was purely human, originated with a priest from Alexandria. The Council of Nicaea contradicted it in 325, and its originator was exiled.

Answer: Arianism

20. Identify the authors of these adventure works FTP each.

A. *Allan Quartermain, King Solomon's Mines*

Answer: Sir Henry Rider Haggard

B. *Rupert of Hentzau, The Prisoner of Zenda*

Answer: Sir Anthony Hope Hawkins (accept either name)

C. *Lorna Doone*

Answer: R.D. Blackmoore