

Iowa State Fall Tourney
Round One.

1) First published in the November 1971 issues of Rolling Stone, its author now admits that he can no longer remember what parts he made up and which parts are real. The protagonists travel in a Chevy convertible nicknamed "The Great Red Shark" which functioned as a "mobile police narcotics lab" in order to reach the Mint 400, a dirt-track motorcycle race which the narrator must cover for *Sports Illustrated*. FTP name this novel which centers on Raoul Duke and his Samoan attorney, Dr. Gonzo and their drug-induced hallucinations, written by Hunter S. Thompson.

Answer: Fear and Loathing in Las Vegas.

2) Believing that the interior comprised the essence of a thing, he asserted "it is impossible for anyone to express anything essentially real by imitating its exterior surface." A part of the 1913 Armory Show in New York, his works stress curves and are often ovoid in shape. He created a monumental war memorial for slain soldiers at Targu Jui which includes the *Table of Silence* and *Lover's Kiss*, but is best known for his lifelong quest to find "the essence of flight." FTP name this Romanian sculptor of *Bird in Space*.

Answer: Constantin Brancusi.

3) Estimated to cost approximately \$30 billion annually, types include environmentally induced cracking, hydrogen damage, dealloying, intergranular, pitting, crevice, and galvanic. Examples of prevention methods are passivation, sacrificial anode, cathodic, and protective coating. FTP, name this general term for the processes by which metal is lost from the bulk; the most common example of which is rust.

Answer: corrosion.

4) After 9-11 President Bush threatened sanctions on its country if its candidate was elected president. Formed in 1962 to combat Anastasio Somoza it finally succeeded in ousting him in 1979 after launching offensives from Costa Rica and Honduras. After this victory, however, its leadership adopted strict Marxist doctrines, and nationalized industry and banking. Soon widespread opposition arose, although it did not lose the presidency until Violeta Barrios de Chamorro defeated Daniel Ortega in the 1990 elections. FTP name this revolutionary party of Nicaragua, the opponents of the U.S. backed Contras.

Answer: Sandinistas or Sandinista National Liberation Front.(Prompt on early Nicaragua).

5) It contains such classic lines as "Even if you were my brother I'd still want to fuck you," and "Aristotle was not Belgian, the central principle of Buddhism is not 'every man for himself,' and the London Underground is not a political movement." Set in London, the plot revolves around a diamond heist for which George is arrested and charged. He is defended by barrister Archie Leach and tries to get animal-loving stuttering Ken to kill an old lady. Also involved are Otto, an ex-CIA operative, and his sexy girlfriend played by Jamie Lee Curtis. FTP name this 1988 comedy for which Kevin Kline won an Oscar, also starring John Cleese.

Answer: A Fish Called Wanda.

6) Known in the Middle Ages as the Stone Belt, it is divided into five regions, the South, Middle, North, Subarctic, and Arctic. The Subarctic part contains its highest peak, Naroda, the trans-Siberian railroad crosses it in the central area, while the southern and central sections house great industrial centers such as Yekaterinburg and Magnitogorsk. Stretching from the Kazakh steppes to the Arctic Ocean, FTP name this Russian mountain range, the traditional barrier between Asia and Europe.

Answer: Urals.

7) His progeny, Hati, Skoll, and Managarm, fed by his mother Angur-boda, pursued and eventually caught Sol and Mani. To stop his incessant howling a sword was placed in his mouth; the blood that ran from it formed the river Von. He broke through Laeding and Droma before a rope made of objects such as the sound of a cat's footsteps and called Gleipnir finally held him, although at the price of the God Tyr's hand. FTP name this offspring of Loki, a giant wolf, who was killed by Vidar at Ragnarok but not before he slew Odin.

Answer: Fenrir or Fenris wolf.

8) It is utilized by spectroscopy that measures hyperfine interactions including nuclear isomer shift, nuclear quadrupole splitting and nuclear Zeeman effect. Before 1958, it was believed that nuclei could not resonantly absorb and emit gamma radiation. That year a 29 year old Munich-born scientist discovered that if the nuclei were lodged in a lattice, the energy loss would be negligible. FTP, name this eponymous effect that describes the recoil-free nuclear resonance.

Answer: Mössbauer effect.

9) A Florentine and client of Lorenzo D'Medici, one Latin American historian found it ironic that "from Alaska to Tierra del Fuego, not one statue has been erected to him." On his two expeditions, sailing the first for Spain and the second for Portugal, he explored the south eastern coast of the New World getting to within 400 miles of the southern tip of Tierra del Fuego. Although he may have been the first to realize the land he was exploring might actually be a new world, his name went down in history only because of Martin Waldseemüller, an obscure German mapmaker. FTP name this navigator and namesake of two continents.

Answer: Amerigo Vespucci.

10) Contracting tuberculosis at an early age he was sickly his whole life. After working as a lawyer he began his literary career producing travel accounts, the most famous of which is *An Inland Voyage* about his trip to France. He eventually settled in Samoa, where he was known by the natives as "Teller of Tales," and wrote the anti-colonial novels *The Beach of Falesa* and *The Ebb Tide*. His short stories include "The Body Snatchers" and "The Bottle Imp," but he is best known for adventure novels such as *Master of Ballantrae* and *The Black Arrow*. FTP name this author of *Treasure Island* and *The Strange Case of Dr. Jekyll and Mr. Hyde*.

Answer: Robert Louis Stevenson.

11) The villain is a tenor, the role usually assigned to the hero, and also has the best song, *La donna e mobile* (Women are Fickle). Based on Victor Hugo's *le Roi s'amuse* the setting was changed from the French court to the Duchy of Mantua so as not to arouse the suspicions of Venetian censors who would be upset with a carousing monarch. In the end, the curse of Monterone, an elderly nobleman whom the title character has insulted, comes true when Gilda sacrifices herself to save the Duke who had earlier seduced her. FTP name this Verdi opera about a hunchbacked court jester.

Answer: Rigoletto.

12) She was married to a wealthy man from Andros and spent time in exile in Sicily probably because of the political views of her husband or brothers. Her 5th century contemporary, Alcaeus, described her as "pure" and to defend this view it has been suggested that she may have been an instructor in a finishing school for girls about to be married. Many of her poems contain invocations to Venus, and nearly all contain her sexual feelings. FTP name this lyrical poet, called the "tenth Muse," whose home was Lesbos.

Answer: Sappho.

13) They appear to have evolved from movable genetic elements. Their basic genetic map consists of terminal repeats flanking three genes. Those genes—gag, pol, and env—encode internal structural proteins, enzymatic proteins, and envelope proteins respectively. One of those enzymes that pol encodes for is reverse transcriptase. FTP, identify this family of viruses containing Rous sarcoma virus and HIV.

Answer: Retroviruses.

14) He helped found the South Russia Workers Union and the Russian Social Democratic Labour Party. After spending time in Siberia and England, in 1905 he was back, publishing the journal *Pravda*, and becoming president of the St. Petersburg Soviet. In 1918 he was appointed People's Commissar for Military and Naval Affairs and made peace with Germany before organizing the Red Army during the subsequent Civil War. However, in 1927, he was expelled from the Executive Committee of Comintern and sent into exile. FTP name this Russian leader, who was killed by an ice-axe in Mexico City, the chief opponent of Stalin after Lenin's death.

Answer: Leon Trotsky.

15) Its purpose was to explore and answer the three following questions: "How is mathematics possible?"

How is natural science possible? and How is metaphysics possible? The author asserts that the answer lies in the quest for the synthetic a priori, a statement in which the predicate is not contained in the subject yet is known without empirical evidence, as well as in the "Copernican Revolution" in which the author proposes that objects "conform to" one's cognition, by means of classification, rather than vice-versa. Containing sections entitled Transcendental Aesthetic and Transcendental Analytic, it was the pioneering work in transcendental idealism. FTP name this First Critique of Immanuel Kant.

Answer: Critique of Pure Reason. (prompt on First Critique)

16) Although he was made brigadier general after the Trenton campaign, he nearly lost his position as chief of artillery to a French officer named Ducongray. He sat on the court martial trial of Major Andre and distinguished himself during the siege of Yorktown but his best known role in the war was in bringing fifty pieces of artillery from Fort Ticonderoga to be used in the siege of Boston. FTP name this Revolutionary general who became Washington's first Secretary of War, the namesake of a bullion loaded fort in Kentucky.

Answer: Henry Knox.

17) Founded in 1892, important members include Joseph and "Little Joe" LeConte, Edward Colby, and Edward Taylor and Marion Randall Parsons. Headquartered in San Francisco, its original goal was "to explore, enjoy, and render accessible the mountain ranges of the Pacific coast" as well as to defend them. Recently its 700,000 members started the Youth in Wilderness Program to help handicapped children enjoy nature, and are fighting President Bush over national forest lands in Alaska. FTP name this environmental group founded by John Muir.

Answer: Sierra Club.

18) Pliny the Younger attributed to them "the head of a deer, the feet of an elephant, the tail of a boar, [...] and a deep, bellowing voice" in addition to their more famous characteristics. The Book of Job lists it alongside the monsters Leviathan and Behemoth, and Marco Polo believed he saw one during his journeys. According to legend only a virgin could capture them and, unfortunately, because of the alleged magical healing powers ascribed to part of their anatomy, they caused the death of many narwhal whales and rhinoceri. FTP name this legendary animal with the body of a horse and a long horn on their forehead.

Answer: Unicorns.

19) Its peak activity is in the years following the passage of the comet Tempel-Tuttle. The 1799 storm was observed by Alexander von Humboldt, who wrote the first detailed account about it. In a famous 1966 storm, tens of thousands of meteors per hour fell through the atmosphere. In November 1998, however, there were fewer, but more brilliant meteors. FTP, name this often unpredictable meteor shower which appears to radiate out of the constellation of the lion.

Answer: Leonid meteor shower.

20) It ends with the conversion of Bramimunde, the wife of Marsilion, King of Saragossa, to Christianity and a duel between Thierry and Pinabel to determine the fate of the traitor Ganelon. The second half of the book concerns the battle between Baligant, Muslim Emir of the east, and a Frankish Emperor. The first half concerns a rearguard action in Roncesvalle pass where, despite the urgings of Oliver, the title character will not blow his horn to recall his uncle, Charlemagne, FTP name this most famous Chanson de Geste.

Answer: The Song of Roland or La Chanson de Roland.

Boni.

Bonus: Identify the characters from 20th century German literature and the men who created them For five points each.

1. After seeing the death of his friends Josef Belm, Kemmerich, Leer, Muller, Tjaden, and Stanislaus Katczinsky, this young man is "almost glad the end had come" when he dies in the trenches in October of 1918.

Answers: Paul Baumer (accept either) and Erich Maria Remarque.

2. By his own will this character, with a scream that can break glass, stops growing at the age of three for fear of the adult world. He narrates the events of WWII though a mental prison in Danzig.

Answers: Oskar Matzeath and Gunther Grass.

3. This son of Brahmin, friend of Govinda, lover of Kamala, partner of Kamaswami and father of an unappreciative son ends up as a ferryman who realizes that one must use both spirit and the senses to attain peace.

Answers: Siddhartha and Herman Hesse.

Bonus: Name the scientist given the year of his Nobel Prize in Physics and a description of his work FTPE.

1. 1939, "for the invention and development of the cyclotron and for results obtained with it, especially with regard to artificial radioactive elements."

Answer: Ernest Orlando Lawrence

2. 1904, "for his investigations of the densities of the most important gases and for his discovery of argon in connection with these studies."

Answer: Lord Rayleigh, John William Strutt

3. 1914, "for his discovery of the diffraction of X-rays by crystals."

Answer: Max von Laue

Bonus: For 10 points each name the music clef from descriptions

1.This clef is also called the F clef because the two dots in the clef symbol lie above and below the horizontal line associated with the note F below middle C.

Answer: Bass Clef.

2.This clef symbol is centered on the horizontal associated with the note middle C. The note middle C is placed in the middle of the staff.

Answer: Alto Clef.

3.This clef is actually a stylized letter G. The inner curve of the clef symbol marks the horizontal line associated with the note G above middle C.

Answer: Treble Clef.

Bonus: Identify these terms from developmental biology from definition, FTP.

1. The structural and functional divergence of cells as they become specialized during a multicellular organism's development.

Answer: Differentiation.

2. The ordering of cells into specific three-dimensional structures

Answer: Pattern Formation.

3. The genes that control pattern formation by affecting the developmental fate and differentiation of groups of cells.

Answer: Homeotic Genes.

Bonus: Identify the U.S. cities from clues FTPE.

1. Located with ninety minutes of Kings Canyon, Sequoia, and Yosemite National Parks, it is often called "The Gateway to the Sierra Nevadas" and grew by an amazing 63 percent during the decade of the 1980's.

Answer: Fresno.

2. Divided into east and west sides by the Willamette Valley, from it you can see Mts Hood, St. Helens, Ranier, and Adams. It is also the only port on the west coast that boasts a fresh water harbor.

Answer: Portland.

3. Part of the territory in the Gadsden Purchase its population has multiplied by ten during the past fifty years. Nearby tourist attractions include Sabino Canyon and Saguaro National Monument.

Answer: Tuscon.

Bonus: Refer to the handout. Identify the Madonna Paintings and their creators FFPE.

1. Figure A

Answer: Madonna with the Long Neck by Parmigiano.

2. Figure B.

Answer: The Virgin of the Rocks (or Madonna of the Rocks) by Leonardo Da Vinci.

3. Figure C.

Answer: Madonna of the Harpies by Andrea Del Sarto.

Bonus: Identify the gods or goddesses worshipped in the mystery cults of Ancient Rome FTPE.

1. His beginnings are very obscure but scholars posit that he is akin to Apis and Osiris, as he was associated with Isis and often worshipped in her cult. He gave his name to the British ship that was defeated by John Paul Jones and the Bonhomme Richard in 1779.

Answer: Serapis.

2. This mother goddess of Phrygia was co-opted by Rome near the end of the 2nd Punic War. She caused her consort, Attis, to castrate himself in a fit of madness after sleeping with another woman. Male priests of her cult called were expected to do the same which may explain why worship was not widespread.

Answer: Cybele.

3. He was the Persian god of light and truth whose worship was exclusive to men and very popular in the army. The ritual of killing a bull associated with his cult assured rebirth for his adherents.

Answer: Mithra or Mithras.

Bonus: Given the periods, name the geologic era, FTPE.

1. Cretaceous, Triassic

Answer: Mesozoic Era.

2. Permian, Devonian

Answer: Paleozoic Era.

3. Tertiary, Quaternary

Answer: Cenozoic Era.

Bonus: Answer stuff about a Holiday FPTE.

1. This African American holiday, whose name means "fruits of the harvest" in Kiswahili was founded by Dr. Maulauna Karenga in 1966 and celebrated over seven days, each one dedicated to one of the seven guiding principles.

Answer: Kwanzaa.

2. Name any day of the year in which Kwanzaa is celebrated.

Answer: Any date between Dec. 26th and Jan 1st (inclusive).

3. Give the English equivalent for the guiding principle termed Kuumba (Koo-oom-bah) in Swahili. It is perhaps the most important principle as it is necessary for a vibrant and beautiful community. It is encouraged in the process of gift giving, or if one does not have all the symbols of Kwanzaa ready made.

Answer: Creativity (accept very near equivalents).

Bonus: Identify the novels by Japanese authors from clues FTPE.

1. This Kawabata Yasunari work is based on *The Tale of Genji* and centers around a tea ceremony in which Kikuji confronts Mrs. Ota, a former lover of his father.

Answer: A Thousand Cranes.

2. The winner of the 1989 Booker Prize, this novel, written in English by Kazuo Ishiguro, is narrated by Stevens, an old butler who flashes back on his life spent working for Lord Darlington and his repressed love for the housekeeper Miss Kenton.

Answer: Remains of the Day.

3. In this partly autobiographical Kenzaburo Oe novel, Bird runs away from his mentally handicapped infant son. After getting lost in booze and meeting his former lover and an old friend, both of whom he abandoned, he realizes that he must finally take responsibility and care for the boy.

Answer: A Personal Matter.

Bonus: Give the dating techniques used in archaeology from clues FTPE.

1. This method of relative dating is based on the principle that the oldest layer was deposited first and the newest was deposited last.

Answer: stratigraphy.

2. This method of absolute dating uses the rings of a tree, one made per annum, to determine dates.

Answer: Dendochronology.

3. This form of relative dating uses pollen remains found at a site to determine the associated plant life. They then correlate this with the strata in which the plant life was found.

Answer: palynology.

Bonus: Give the required information about a certain female in the comic *Calvin and Hobbes* FTPE.

1. This is the smart girl next door that Calvin tries to annoy with snowballs, water balloons and such. Usually she winds up pummeling him.

Answer: Susie Derkins.

2. This is Susie's stuffed rabbit. She never sees him as animated and he never talks, yet she still can't understand why Calvin won't play with him. Hobbes thinks he is a bit "comatose."

Answer: Mr. Bun.

3. Finally, name the secret organization, usually meeting in the tree-house, that Calvin and Hobbes formed to combat Susie. Calvin holds the office of Supreme Ruler and President for life, among others, while Hobbes is First Tiger.

Answer: G.R.O.S.S or Get Rid of Slimy Girls.

Name these metallic elements FTPE.

1. This alkaline earth metal has a high strength to density ratio, but is fairly brittle. One of the most

common uses of it is in X-ray tube windows as it is almost transparent to X-rays.

Answer: beryllium or Be.

2. Its tenacious oxide film makes it very corrosion resistant, and it is commonly used in high temperature application. Its primary use is in stainless steels and is used to make high temperature superalloys.

Answer: nickel or Ni.

3. Chemically related to Rhenium, it is present in S-, M-, and N-type star but does not naturally occur on Earth. It is largely produced in nuclear reactors since it is a product of uranium decay.

Answer: technetium or Tc.

Bonus: Identify the Henry James novels from descriptions FTPE.

1. James considered it his best work. At the behest of Mrs. Newsome, Louis Lambert goes to Europe to bring back her son Chadwick. Instead he begins a relationship with the expatriate Maria Gostrey.

Answer: The Ambassadors.

2. Winterbourne and the title heroine spend time together in Switzerland and agree to meet that winter in Rome. When Winterbourne arrives he finds the heroine in love with Giovanelli. She eventually dies after cavorting with Giovanelli in the Coliseum on a cold night.

Answer: Daisy Miller.

3. Eugenia and her brother Felix, both American expatriates, return to the states to find a rich second marriage for Eugenia after her first, to a German prince, failed.

Answer: The Europeans.

3. Isabel Archer is taken to Europe by her aunt Mrs. Touchett where she meets Lord Warburton. Her beau back home, Caspar Goodwood also arrives leaving Isabel with tough choices. The novel ends with the death of Mr. Touchett who leaves Isabel half his estate so she can do what she wishes.

Answer: Portrait of a Lady.

Bonus: Identify these commanders at the Waterloo Campaign FTSNOP.

1. This commander of the British, Belgian, and Dutch, army set up a defensive position around Mt. St. Jean and successfully repulsed Napoleon's attacks.

Answer: Arthur Wellesley of The Duke of Wellington.

2. This Prussian commander, nicknamed "Marshal Forward" was defeated by Napoleon at Ligny prior to Waterloo. Instead of retreating to the east, he moved to the north, supporting Wellington and launching an attack against Napoleon's exposed right flank.

Answer: Gebhard von Blucher.

3. This French Marshal and Napoleon's second in command failed in beating the British from Quatre Bras and attacking the Prussian flank at Ligny. At Waterloo he largely had tactical command against the British but his unsupported cavalry attacks failed.

Answer: Ney.

4. Napoleon sent this Marshall with 32,000 troops to pursue Blucher after Ligny. He went east and missed the Prussians and also failed to bring his troops to support Napoleon at Waterloo.

Answer: Grouchy.

Bonus: Given a quote about women, identify who said it for ten points, or for five if you need the work it appeared in.

1. (10) "Woman's basic fear is that she will lose love"

(5) It appeared in *Civilization and Its Discontent*.

Answer: Sigmund Freud.

2. (10) "If a woman hasn't got a tiny streak of harlot in her, she's dry as a stick as a rule."

(5) It appeared in *Pornography and Obscenity*.

Answer: D.H. Lawrence.

3. (10) "In the poker game of life women are the rake. They are the fucking rake."

(5). It was spoken by Edward Norton's character in the film *Rounders*.

Answer: Lester Murphy or Worm. (prompt on Edward Norton)

Bonus: Answer the following about foreign policy during the Carter Administration.

1. From Sept 5-17 1978 Carter negotiated this "framework for peace in the Middle East" with Egyptian President Anwar Sadat and Israeli Prime Minister Menachem Begin.

Answer: Camp David Accords.

2. Although negotiations for this anti-nukes treaty had begun in 1972 it was finally signed by Carter and USSR General Secretary Brezhnev in Vienna on June 18, 1979. However, it was not ratified after the Soviets invaded Afghanistan and Reagan would later stop following its accords.

Answer: Salt II or Strategic Arms Limitations Treaty II.

3. This man led Iran's religious revolution against Shah Mohammed Reza Pahlavi in 1979 and imprisoned 52 American embassy workers.

Answer: Ayatollah Khomeini.

Bonus: Identify these heroes of early Rome FTPE.

1. This war-like third king of Rome who allegedly ruled from 673-640 B.C. conquered Alba Longa and incorporated its citizens into Rome after the victory of the Horatii over the Curatii and the fickleness of Mettius. He was killed by a lightning bolt allegedly thrown to punish his pride.

Answer: Tullus Hostilius.

2. This symbol of the Roman pietas and virtue was made dictator in 458 after a consular army had been surrounded by the Aequi. After defeating the enemy and saving the consul he returned to working on his small farm.

Answer: Cincinnatus.

3. A five-time dictator this "second founder of Rome" captured Veii in 396 after a ten year siege. However because of displeasure over his triumph and division of spoils he was exiled. He returned in 390 to defeat the Gallic invaders who had captured Rome and surrounded its army in the Capitol.

Answer: M. Furius Camillus.

Bonus: Name the following literary terms dealing with meter.

1. This term is the unit that describes a meter and gives it a steady rhythm. In English this is done with varying relationships between stressed and unstressed syllables.

Answer: Foot.

2. This is the natural foot of the English language comprised of an unstressed syllable followed by a stressed one.

Answer: Iamb or Iambic. (accept Iambic Pentameter)

3. This foot is comprised of a stressed syllable followed by two unstressed syllables. Homer and Vergil used it with hexameter in their epics.

Answer: Dactyl or Dactylic.

3. This foot is rare and consists of two stressed syllables.

Answer: Spondee or Spondaic.

Bonus: Identify the people important in Hawaiian history, FTPE.

1. This British south seas navigator was the first European to see Hawaii, anchoring there on his third Pacific voyage. In 1779 during his second stay on the islands he was killed by the natives following an argument over a stolen boat.

Answer: James Cook.

2. He was king of Hawaii in the late 18th and early 19th century. His name means "the one set apart" and indeed he was, for he united the islands under his rule and established a dynasty that would reign for a hundred years.

Answer: Kamehameha the Great or Kamehameha I.

3. She was the last monarch to rule on the Hawaiian islands, succeeding her brother, Kalakaua in 1891. After trying to issue a constitution which would give her greater powers she was overthrown by a group led by American minister John L. Stevens. She was nearly restored by President Cleveland but Congress instead supported a republic which was founded in 1894.

Answer: Queen Liliuokalani.