FUCT 2002: The Fabulous Unnamed Chicago Tournament
Tossups by Iowa State

1. It was first performed at a charity concert in Dublin at the invitation of the Viceroy of Ireland, and was written in just 23 days to a libretto by Charles Jennens. Its best-known section was originally intended as a paean to Bacchus, but was reworked and placed alongside settings of Old Testament prophecies and numbers like "He shall feed his flock" and "I know that my Redeemer liveth." For 10 points-name this Handel oratorio featuring the Halleluiah chorus.
answer: $\quad$ The Messiah
2. He fought in more battles than Naopleon and George Washington combined, and led his country eleven times as president or dictator. In the 1820s he served both Iturbide and Guerrerro, but he turned on both men, and was later unable to defeat Taylor at Buena Vista or to stop Scott's advance on Mexico City. For 10 points-name this Mexican best known for his defeat at San Jacinto and his victory at the Alamo.
answer: Antonio Lopez de Santa Anna
3. The first two acts take place at the Hotel de Bourgogne and Ragueneau's bakery, respectively, and the title character fights off an army of bandits in between. Set during the reign of Louis XIII and starring a would-be poet, it is best known for its third act, called "Roxanne's kiss." For 10 points-name this Edmond Rostand play about a long-nosed Frenchman, later turned into a film starring Gerard Depardieu.
answer: Cyrano de Bergerac
4. When particles of this type are named with Greek letters, the letters are always capitalized. An early explanation of their properties grouped them together into groups of 10 and 8 ; the model was based on the symmetry group $\operatorname{SU}(3)$ [SU three]. Among these are the Omega, Sigma, Lambda, and Delta particles. For 10 points-what are these particles, with a name deriving from the Greek for "heavy," of which the proton and neutron are the most common?
answer: baryons
5. He decided in 1826 that he was a hero out of Homer and then spent most of his time hurling knives around his Paris apartment. Adam Smith and Frederick the Great were among the saints of the humanist church he founded, and in his saner moments this one-time secretary to Saint-

Simon tried to apply the methods of science to philosophy and religion. For 10 points-name this Frenchman, the founder of positivism.
answer: (Isidor) Auguste (Marie Francois) Comte
6. "Did you know that I always wanted to be a dancer in Vegas?" "Excitement? Adventure? A Jedi craves none of these things." "No Ticket." "You know, there's a million fine-looking women in the world, dude. But they don't all bring you lasagna at work. Most of them just cheat on you." These lines were all spoken by-for 10 points-what usually quiet character played by Kevin Smith, the "hetero life mate" of Jay.
answer: Silent Bob
7. When the title character is born, a sage predicts that he will have a brilliant future, but his mother is tormented by jealous women and soon dies. Subsequent chapters describe the main character's arranged marriage and his many romantic intrigues, which result in his exile from court, his visit to the Sumiyoshi Shrine, and his encounter with the Akashi lady. For 10 pointsname this novel of the Heian period by Murasaki Shikibu.
answer: $\quad$ The Tale of Genji (or Genji monogatari)
8. These organisms are frequently classified by the patterns of their facial sutures and the relative sizes of their cephalons and pygidia. Because the burrowing behavior of some species causes distinct changes in geological strata, the Lower Cambrian is divided into the periods with and without them. The relatively high inorganic content of their exoskeletons makes them more likely to have been preserved than other arthropods. For 10 points, name this extinct class of arthropods whose name means "three-lobed".
answer: trilobites (accept Trilobita)
9. At 900 degrees Fahrenheit, its crystals change color to golden yellow, and it is often sold as citrine. Da Vinci thought that it dispersed evil thoughts and increased wit while the Greeks considered it an antidote for drunkenness. Legend holds that, because of its color, its ownership was restricted to royalty in the Middle Ages, and it is featured in the Crown Jewels. For 10 points, name this variety of quartz, the birthstone for February, which ranges in color from lilac to deep purple.
answer: amethyst
10. Bohemond, Raymond of Toulouse, Baldwin of Flanders, and Godrey of Bouillon, who would later call himself "guardian of the holy sepulcher," were its primary leaders. It was preceded by a movement of an army of peasants led by Peter the Hermit who began preaching for it after Pope Urban II had spoken at the Council of Clermont in 1095. FTP name this military movement which in 1099 captured the city of Jerusalem from the Muslims.
answer: $\quad 1$ st Crusade (prompt on Crusades)
11. In its final section, "The Eternal City," its author reflected on how he conceived of the project. Julian the Apostate is the center of the second volume, while Justinian is the center of the fourth, which begins the history of Byzantium. In the first volume, Trajan is depicted as the ideal ruler and the Germans are praised for their freedom and virtue. For 10 points-name this massive six-volume history written by Edward Gibbon.
answer: The History of the Decline and Fall of the Roman Empire
12. In the right background a women comforts a child. In the right foreground two women are mourning. On the left the title characters stand with hands outstretched to the central figure, who is holding three swords. For 10 points-name this neo-classical work featuring a group of Roman triplets about to face the Curatii, painted by Jacque-Louis David.

Answer: The Oath of the Horatii.
13. A building at Crawford and Texas Streets has spent thousands of dollars removing this word from the edifice. The justice department recently interviewed auditor David Duncan, the Senate heard testimony from COO Jeffrey McMahon, VP Sherron Watkins and former CEO Jeffrey Skilling about this company, whose women have recently been sought by Playboy. For 10 points-name this firm at the center of a recent financial scandal.
answer: Enron.
14. Examples include the active ingredient in Prozac and the ingredient which some scientists postulate is responsible for its negative side effects. A more familiar example may be found in amino acids, as all eukaryotic amino acids exist in the L form, whereas some bacteria use D form amino acids in their cell walls. A mixture which contains both varieties of these is called racemic, and the two varieties are chiral with respect to each other. FTP, identify this chemical term denoting one of a pair of optical isomers?
answer: enantiomers
15. In the 1920s, more of its members lived in Indiana than in any other state. Its 1867 Nashville convention announced its goals of protecting the weak and supporting the constitution, but it was disbanded because of violence in 1871-only to return in 1915, in part because of the film Birth of a Nation. For 10 points-name this xenophobic and racist Southern hate group.
answer: Klu Klux Klan or KKK
16. Certain circles believed that she was the most powerful magician in the universe, and her worship spread far north as Hadrian's Wall. She once left a snake to poison Ra, and refused to heal him until he gave her some of his power; she thus became more powerful than her twin sister Nephthys, and was associated with motherhood and marriage. For 10 points- name this Egyptian deity, who resurrected her husband Osiris after he was killed by Set.
answer: Isis
17. Michael Gross, playing a gun-toting survivalist, was the only actor to star in the original and both straight-to-video sequels. Fred Ward starred as handyman Burt Gummer, while Finn Carter played Rhonda LeBeck, a seismology student. But the two biggest names in the film were Reba McEntire and Kevin Bacon. For 10 points-name this comedy/horror movie featuring maneating underground monsters.
answer: Tremors
18. Alpena, Parry Sound, and Sarnia are among the cities located on it, and rivers flowing into it include the Au Sable, Spanish, French, and Saginaw. Its irregular shoreline includes many inlets, such as North Channel and Georgian Bay, and at its widest point, 183 miles, it is the second largest in its group. For 10 points-name this central Great Lake.
answer: Lake Huron
19. Ten centimeters long, their outer end is funnel-shaped and ends in long, finger-like objects called the fimbriae, while their lining is filled with microscopic cilia. Problems in this body part, notably pelvic tuberculosis and STDs, cause up to $50 \%$ of all cases of infertility. Its uterine end is called the isthmus, and eggs are fertilized by sperm in a part of the outer portion called the ampulla. For 10 points, name this part of the female anatomy that branches from either side of the uterus.
answer: fallopian tubes
20. He wasn't E.M. Forster, but he wrote a poem called "Passage to India" that was later published as a supplement to his best-known work. He wrote one novel, Franklin Evans, and denounced America's "hollowness of heart" in his essay "Democratic Vistas," but is more famous for such verses as "Out of the Cradle Endlessly Rocking" and "Crossing Brooklyn Ferry." For 10 points-name this poet of Leaves of Grass.
answer: Walt(er) Whitman

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1. Name these pieces of physics apparatus, for 10 points each.
a) This is a generic term for a device that measures phase differences between two or more beams of light; a famous example was that used in the Michelson-Morley experiment
answer: interferometer
b) The largest of this charge pump ever built is housed in the Boston Museum of Science. The device consists of a motorized insulating belt, a dc power supply, and a hollow terminal, usually a sphere.
answer: van de Graaff generator
c) This type of accelerator was the first used to produce an artificial nuclear disintegration. Still used in the first stages of larger accelerators, there is one at Fermilab.
answer: Cockroft-Walton generator
2. Name these battles of the Revolutionary War for 10 points each.
a) General Burgoyne had marched south from Canada and planned to link up with St. Leger and Howe, but the juncture never took place and Burgoyne was defeated by Generals Gates and Benedict Arnold in this 1777 battle.
answer: $\quad \underline{\text { Saratoga }}$
b) This fort on Lake Champlain was taken in 1775 by an American force led by Arnold and Ethan Allan, and, although retaken in 1777, was the major source of cannon for Washington's siege of Boston.
answer: $\quad$ Fort Ticonderoga
c) This January 17,1781 , battle was the turning point of the War in the south. American General Dan Morgan annihilated a British army under the command of Col. Banastre Tarleton.
answer: Cowpens
3. Answer the following about the Nile River, for 10 points each.
a) This lake located in Kenya, Tanzania and Uganda-the second largest freshwater lake in the world-is the source of the White Nile.
answer: Lake Victoria.
b) This lake found in the Ethiopian Highlands is the source of the Blue Nile.
answer: $\quad$ Lake Tana.
c) The Blue Nile joins with the White Nile in this city.
answer: Khartoum.
4. Give the work of literature from minor characters for 10 points, or for 5 if you need more important characters.
a) (10) Dr. Livesey, Squire Trelawney, Ben Gunn
(5) Jim Hawkins and Long John Silver
answer: Treasure Island
b) (10) Isaac of York, Athelstane
(5) Cedric the Saxon, Rowena, Rebecca
answer: Ivanhoe
c) (10) Pitt Crawley, George Osborne
(5) Amelia Sedley, Becky Sharp
answer: Vanity Fair
5. Name the foreign film directors given clues, for 10 pointseach
a) This Swede directed the 1956 classic The Seventh Seal, as well as Wild Strawberries. In Autumn Sonata, his star was the female role from Casablanca, who shares his last name.
answer: Ingmar Bergman
b) This Japanese director's movies include Seven Samurai and the Shakespeare adaptations Throne of Blood and Ran.
answer: Akira Kurosawa
c) This French director's classic was 1937's Grand Illusion, about a prison camp escape. This son of a famous painter also directed the English-language movie This Land is Mine about occupied France.
answer: Jean Renoir
6. Name these types of shark, for 10 points each.
a) The name of this ovoviviparous species is believed to derive from an observer's mistaken belief that it suckled its young. Some individuals, particularly juveniles, have spots, and unlike most sharks, they are smooth to the touch.
answer: nurse shark
b) This predatory shark can reach a length of 20 feet, but the lower teens are more common. It mostly feeds on birds and fish, but it will eat just about anything., as it can turn its stomach inside out through the mouth to get rid of garbage.
answer: tiger shark
c) Not much is known about this shark because only 15 have been sighted. It is a large filter-feeder that lives in the open ocean in deep water where i\$feeds on krill. It gets its name from its very large oral cavity.
answer: megamouth shark
7. Some political figures could actually write! For 10 points each:
a) This future prime minister's most famous works are 1845's Sybil, about the Chartist movement, and Tancred, or the New Crusade .
answer: $\quad$ Benjamin Disraeli.
b) This Czech playwright's best-known work was The Garden Party, an absurdist drama about dehumanization.
answer: Vaclav Havel.
c) When he wasn't fighting off Vikings, this Anglo-Saxon king of Wessex translated Gregory I's Pastoral Care and Boethius' Consolation of Philosophy into Old English.
answer: $\quad$ Alfred the Great
8. Name the bowl game given the teams and scores from this year's bowl season, 5-5-10-10.
a) (5) LSU 47 Illinois 34
answer: Nokia Sugar Bowl
b) (5) Tennessee 45 Michigan 17
answer: Florida Citrus Bowl
c) (10) Washington State 33 Purdue 37
answer: $\quad$ Sun Bowl
d) (10) Texas A\&M 28 Texas Christian 9
answer: Galleryfurniture.com Bowl
9. Name these French kings, for 10 points each.
a) This successor of Louis VII ruled from 1180 to 1223 . He joined Richard I on the third Crusade, but spent most of his time trying to undermine the English.
answer: $\quad$ Philip Augustus or Philip II
b) This king, who reigned from 1226 to1270, was canonized for his justice and piety. He expanded the French kingdom but died while Crusading in Tunis.
answer: Louis IX (prompt on St. Louis)
c) This king was put in power during the 1830 revolution and was ousted in 1848. He was the founder of the short-lived Orleans dynasty and was known as "the citizen king."
answer: Louis Philippe
10. For 10 points each, given the note and the time signature, tell how many beats it gets.
a) A dotted half note in $4 / 4$ time
answer: three beats.
b) A quarter note in $6 / 8$ time
answer: two beats.
c) One note of a quarter note triplet in common time
answer: two-thirds of a beat.
11. Given the name of an ore, give the element that is refined from it, for 10 points each.
a) Rutile
answer: titanium
b) Cinnabar
answer: mercury
c) Chalcopyrite
answer: copper
12. Name these members of the Kennedy administration, for 10 points each.
a) This man, Kennedy's attorney general, resigned after quarrelling with LBJ in 1964.
answer: $\quad$ Robert F (rancis) Kennedy. (also accept Bobby Kennedy).
b) This chief speech-writer to JFK is suspected of having ghostwritten Kennedy's Profiles in Courage.
answer: $\quad$ Theodore Sorenson
c) This man was actually the president of Ford Motor Company when he accepted Kennedy's invitation to join the cabinet as secretary of defense.
answer: Robert S(trange) McNamara
13. Given lyrics, name these REM songs, for 10 points each.
a) "Whatever it takes I'm giving/It's just a gift I'm given/Try to live inside/Trying to move inside/And I always thought that it would make me smarter/But it's only made me harder"
answer: $\quad$ Near Wild Heaven.
b) "Moses went walking with the staff of wood/ Newton got beaned by the apple good/ Egypt was troubled by the horrible asp/ Mister Charles Darwin had the gall to ask"
answer: $\quad$ Man on the Moon.
c) "I'd turn the screw and leave the screen,/ Don't point your finger,/ You know that's not my thing"
answer: Bang and Blame.
14. For 10 points each, name these philosophers from works.
a) Letters on Toleration, An Essay Concerning Human Understanding, Two Treatises on Government.
answer: John Locke.
b) The Subjection of Women, On Liberty, Utilitarianism. answer: John Stuart Mill.
c) Political Liberalism, A Theory of Justice. answer: John Rawls.
15. Name the Mark Twain work, given their title characters, for 10 points each.
a) Tom Canty and the future Edward VI
answer: The Prince and the Pauper
b) Hank Morgan, the superintendent of an arms factory
answer: A Connecticut Yankee in King Arthur's Court
c) Dan'l Webster
answer: $\quad$ The Celebrated Jumping Frog of Calaveras County
16. Identify the Asian country from its second largest city on a 5-10-15 basis.
17. (5 pts) Yokohama

Answer: Japan.
2. ( 10 pts ) Basra

Answer: Iraq.
3. (15 pts) Chittagong

Answer: Bangladesh.
17. Give these Renaissance artists given some of their works, for 10 points each.
a) The San Zaccaria altarpiece, The Feast of the Gods
answer: Giovanni Bellini
b) Madonna of the Meadow, The School of Athens.
answer: Raphael Sanzio
c) Venus of Urbino, Venus and the Lute Player.
answer: $\quad$ Titian (or Tiziano Vecelli)
18. Answer the following questions about rotating objects, for 10 points each.
a) Properly written as a tensor, this is the proportionality constant between angular acceleration and torque and between angular momentum and angular velocity.
answer: moment of inertia
b) When an object undergoes precession, the spin axis frequently shows this additional wobbling motion before it reaches a steady state.
answer: nutation
c) These three angles, specifying the sizes of three rotations to be applied one after another, specify the position of a rotating rigid body with a fixed center of mass.
answer: Eulerian angles
19. How well do you know your Willa Cather? For 10 points each, name:
a) The Cather novel which describes the boring family of Alexandra Bergson, who marries Carl Linstrum after her brother Emil is murdered.
answer: O Pioneers!
b) Cather's favorite novel, in which Theo Kronborg of Colorado becomes an opera singer at the Met.
answer: $\quad$ The Song of the Lark
c) The book whose title character, Marian Forrester, has an affair with wealthy Ivy Peters after her husband dies.
answer: A Lost Lady
20. Name these Ottoman sultans, for 10 points each.
a) This sultan presided over the capture of Constantinople in 1453.
answer: Mehmet II or Mohammed II (accept "el-Fatih" or "the Conqueror" instead of a number)
b) This sultan ruled from 1521 to 1566 . He reformed the country's law code, and died while campaigning in Hungary.
answer: Suleiman the Magnificent or the Law-Giver or al-Kanuni or I or II (there are different numbering systems)
c) This son of Suleiman, nicknamed the drunkard, presided over the conquest of Cyprus. He was the second of his name.
answer: Selim II

