

Questions on the Crum VIII, 1999

Tossups by Harvard (and Case Western Reserve)

1. Unlike Richard III, he offers only half his kingdom for a horse, and then he gives nothing when he actually gets the horse. He also cheats Death when the latter comes for him in the guise of a Button-Maker, although it is only the love of the faithful Solveig that saves him. For ten points, name this title character of a Henrik Ibsen play perhaps best remembered for the music written for it by Edvard Grieg.

Answer: Peer Gynt

2. His mother, Julia Domna, was a Syrian. His father was well-known for his harsh militaristic reign, and he continued the family tradition when he killed his brother Geta. This son of Septimius Severus also instituted the Constitutio Antoniniana de Civitate solely to collect more taxes to fund his military expeditions. For ten points, identify this emperor, named for the hooded tunic that he favored, who ruled until his assassination in 217.

Answer: Marcus Aurelius Antoninus, called Caracalla (accept either)

3. It was the most recent locality in the EU to legalize abortion, leaving it illegal only in Ireland. Its parliament is the States of Deliberation; the monarch's representative is a lieutenant governor. This bailiwick includes Jethou, Herm, the largely self-governing Alderney and Sark, and the eponymous island, which is located about 30 miles off the Norman coast. For ten points, name this island, which is, after Jersey, the second-largest of the Channel Islands.

Answer: Bailiwick of Guernsey (prompt on United Kingdom until "States of Deliberation" is read)

4. An outspoken critic of Einstein's photon theory prior to 1924, he discouraged Dirac's work on relativistic electron theory, favored abandoning conservation of energy, and opposed Pauli's neutrino hypothesis. He also ridiculed Yukawa's theory of the meson and disparaged Feynman's quantumelectrodynamics. For ten points, name this man whose greater fame--luckily for him--rests on his "Copenhagen interpretation" and his circular-orbit theory of the hydrogen atom.

Answer: Niels Bohr

5. The composer of this prequel to Lelio was fascinated by Alfred de Musset's translation of DeQuincey's Confessions of an English Opium Eater. In the fourth and fifth movements, the hero has an opium-induced dream that he is marched to the scaffold and beheaded, and goes to hell to witness a witches' sabbath involving his beloved. For ten points, name this 1830 piece of program music, subtitled "Episode in the life of the artist," and composed by Hector Berlioz.

Answer: Symphonie Fantastique or Fantastic Symphony

6. It begins on the fifteenth day of Tishri. The daily liturgy includes the recitation of Hallel, the musaf service, and the circumambulation of the synagogue dais--seven times on the seventh day, known as Hoshana (hoe-SHONN-ah) Rabba (reh-BAH). The dwellings inhabited by the Jews during the Exodus are the inspiration for this holiday's traditional hut of branches. For ten points, name this Jewish holiday, the Feast of Booths.

Answer: Sukkot or Sukkoth (SUE-coat)

7. Gossips whispered that he was an impostor, slipped into the bed of the queen, Mary of Modena, in a warming pan. He had two sons; the younger, Henry, would later become cardinal of York, but both would follow in his rebellious footsteps. His own final attempt at rebellion was crippled by the defeat at Sheriffmuir of his troops under the Earl of Mar. For ten points, name this Catholic claimant to the British throne and father of "Bonnie Prince Charlie."

Answer: The \_Old Pretender\_ or Prince \_James\_ Francis Edward \_Stuart\_ (Accept King \_James III\_, if some Jacobite insists on giving it)

8. As a child he vowed to save 3 dollars and read a book each week. He later served as a major general in the 7th Infantry during World War I and went to Oxford. Years later, he received 5 crates of oranges and lemons each week. Name, for ten points, this owner of a New York mansion, a yellow Rolls Royce, and a swimming pool in which he was shot by George Wilson.

Answer: Jay \_Gatsby\_

9. When nobody remembers his 20th birthday, Carl takes him duck-hunting. While trying to expand his memory capabilities, he inadvertently acquires the ability to read minds. His cousin Original Gangsta Dawg also visits and stirs up endless trouble. Very occasionally, the answer to his annoying question "Did I do that?" is actually "no." For ten points, name this boy, a nerd in love with Laura Winslow and a character portrayed by Jaleel White on \_Family Matters\_.

Answer: Steve \_Urkel\_

10. He has written a new book called \_Fashionable Nonsense\_, but he is better known for his article, \_Transgressing the Boundaries: Toward a Transformative Hermeneutics of Quantum Gravity\_, which touted the deep similarities between quantumgravitational theory and postmodern thinking. Unfortunately, he was making it all up. For ten points, name this NYU physics professor who sparked a huge controversy in 1996 with his hoax article in \_Social Text\_.

Answer: Alan \_Sokal\_

11. His father raped a serving girl and then married her, beginning the family; years earlier, he had cursed God and then begun to prosper. The son lived under a constant dread of Nemesis and was convinced he would die before his 34th birthday. He lived to 42, however, publishing such works as \_Stages on Life's Way\_, \_The Concluding Unscientific Postscript\_, and \_Either/Or\_. For ten points, name this author who coined the metaphor "leap of faith," wrote \_Fear and Trembling\_, and became known as the father of existentialism.

Answer: Soren \_Kierkegaard\_

12. Known to the Romans as the Mare Hyrcanium, it was said by Strabo to have been given its modern name after an ancient people who lived in Albania. The eastern inlet known as the Kara-Bogaz-Gol is known for its salt deposits, and the northern part is the world's chief source of beluga caviar; the main ports are Astrakhan and Baku, and three fourths of its inflow is supplied by the Volga River. For ten points, name this Central Asian body of water, the largest lake in the world.

Answer: the \_Caspian\_ Sea

13. His second novel, about a traveler who returns to his tiny home town in Russia seeking to reestablish holiness there in the face of moral decay, was \_A Guest for the Night\_; his hero Reb

Yudel Hasid, the embodiment of the wandering Jew, appears in The Bridal Canopy. For ten points, what author of Days of Awe and The Day Before Yesterday is the only Nobel literature laureate whose works were written in Hebrew?

Answer: S.Y. (Shmuel Yosef) Agnon or "Shy" Agnon or Shmuel Yosef Halevi Czaczkes

14. Of the seven factors on the right side of this equation, the least well-known is  $L \text{ sub } C$ . Even with optimistic estimates for the other six, however, the right side can be no greater than approximately  $L \text{ sub } c \text{ over } 100$ , suggesting that if there are many other advanced civilizations, they are expected to be much older than us. This describes the conclusions of, for ten points, what equation, first proposed by a future SETI president in 1961?

Answer: the Drake equation

15. He was the MVP of the Rookie Game during All-Star Weekend despite being booed by fans at Gund Arena; he would return to score 50 points there later in 1996. In February 1999 he became the first player from his franchise to win NBA Player of the Month since Charles Barkley in the late 1980's. For ten points, name this corn-rowed guard with a lightning crossover, the current NBA scoring leader who plays for the Philadelphia 76ers.

Answer: Allen Iverson

16. The farm organizations he observed during his childhood in North Dakota led him to his insight that as the size of any special interest group increases, members become less likely to support it because each member can see that the importance of his contribution is diminishing. In such works as The Rise and Decline of Nations and The Logic of Collective Action, he argued that gridlock would result. For ten points, name this recently deceased Maryland economist.

Answer: Mancur (MAN-ser) Olson

17. He was born fully grown and fully armed from the side of his mother Prthivi. More hymns in the Rig Veda are dedicated to him than any other god--about 250. He rode the white elephant Airavata and defeated the dragon Vritra by consuming large quantities of soma. For ten points, name this wielder of Vajra the lightning bolt, the god of thunder and chief Vedic deity in early Hindu mythology.

Answer: Indra

18. In 1981, Drumthwacket was made the official governor's residence of this state, even though the current governor lives on a "farm" in Hunterdon County. The nation's political eye will be on this state in 2000, as it will have a highly contested race to replace retiring Democratic Senator Frank Lautenberg, and also be the home state of presidential hopeful Bill Bradley. For ten points, name this state governed by Christine Todd Whitman.

Answer: New Jersey

19. After he divorced his Russian first wife, he used a marriage bureau to find his next bride, a Greek schoolgirl. A one-time agent in the indigo trade in St. Petersburg, he made a fortune as a military contractor during the Crimean War. Among his discoveries was the Treasury of Minyas, which he found at Orchomenus in Boetia while awaiting permission from the Ottoman empire

regarding the main focus of his archaeological work. For ten points, name this early German archaeologist who excavated Tiryns and Mycenae, as well as Troy.

Answer: Heinrich \_Schliemann\_

20. It was “given at Rome on the third day before the Kalend of April” when Galligano, “most illustrious of men,” was a consul. Supposedly the reward for a cure of the emperor’s leprosy, it gave Sylvester I and his successors both spiritual supremacy over other patriarchs and temporal power over Rome and the Western Empire, thereby providing a justification to the popes’ claims of Italian political authority. For ten points, identify this document which Lorenzo Valla proved to be a forgery.

Answer: \_Donation Of Constantine\_ or \_Donatio Constantini\_

21. The Congressional Medal of Honor is ordinarily awarded for service in wartime; however, one exception was the award to William L. McGonagle, who won for captaining his ship through a napalm, rocketry and gunfire assault - launched by a U.S. ally. For ten points, what converted cargo ship was conducting electronic intelligence operations when it was attacked in the Mediterranean on June 8, 1967 by Israeli warplanes?

Answer: USS \_Liberty\_

Questions on the Crum VIII, 1999

Boni by Harvard University (and Case Western Reserve University)

1. Name these politically inept generals from the American Civil War FTPE.

a) Lincoln appointed him military governor of Missouri, but his abolitionist fervor proved too much for Lincoln, who canned him. He considered challenging Lincoln for renomination in 1864 but withdrew.

Answer: John C(harles) \_Fremont\_

b) He commanded the Army of the James in Grant's Virginia campaign in 1864, but was relieved of command the next year after his failed attack on Fort Fisher; he is better known for supervising the occupation of New Orleans. He was later a house manager in the Andrew Johnson impeachment trial.

Answer: Benjamin F(ranklin) \_Butler\_

c) A brigadier general at Second Bull Run, Chancellorsville, Gettysburg, and Chattanooga, this German expatriate later became a senator from Missouri and helped to found the anti-Grant Liberal Republican party in 1872.

Answer: Carl \_Schurz\_

2. Identify these Russian novels from subplot descriptions FTPE.

a) Toward the end of this book, there is a double wedding: Arkady Kirsanov marries Katya Odintsova, and his father Nikolai marries the servant girl Fenechka.

Answer: \_Fathers And Sons\_ or \_Otsy Ideti\_

b) Konstantin Levin and his wife Kitty Scherbatskaya provide a counterpoint to the main storyline; they lead a happy marriage, and Konstantin undergoes a mystical experience while working in his fields.

Answer: \_Anna Karenina\_

c) Among the many intrigues involving the protagonist of this work is the ludicrous \_Tale of Captain Kopeikin\_ (koh-PAY-kin) in which the postmaster claims that he is a crippled man when he is in fact clearly not.

Answer: \_Dead Souls\_ or \_Myort Vyedushi\_

3. Name these structures designed by Eero Saarinen FTSNOP.

5 pts apiece) Saarinen is known for his work at two American airports; he designed the TWA terminal at one, and an entire terminal building shaped to look like a wing in another. For 5 points each, identify the two airports.

Answers: \_JFK\_ and Washington \_Dulles\_ International Airport (prompt on cities)



10) This prominent Midwestern edifice designed by Saarinen is 605 feet high and 605 feet wide.  
Answer: \_Gateway Arch\_ in St. Louis

10) Saarinen designed the Kresge auditorium and chapel at this prominent university.  
Answer: \_M\_assachusetts \_I\_nstitute of \_T\_echnology

4. Answer the following questions about the genetic code FTSNOP.

10) The genetic code is implemented by the cell during translation, when messenger RNA information is used to build the correct amino acid sequence. In what organelle does this process take place?  
Answer: \_Ribosome\_

10 pts apiece) For ten points each, give any two of the three RNA base sequences that code for the stop signal.  
Answer: \_UAA\_, \_UAG\_ or \_UGA\_ (Uracil, Guanine, Adenine)

5. Identify these social scientists from their works on race FTPA.

a) He co-wrote a landmark study of American race relations, \_An American Dilemma: The Negro Problem and Modern Democracy\_, with a fellow future Nobel laureate, diplomat and political scientist Ralph Bunche.  
Answer: (Karl) Gunnar \_Myrdal\_

b) Her 1940 book, \_Race: Science and Politics\_, explored the question of human equality.  
Answer: Ruth Fulton \_Benedict\_

c) The works of this public figure and scholar include \_Pandaemonium: Ethnicity in International Politics\_ and the better-known report \_The Negro Family: The Case for National Action\_.  
Answer: Sen. Daniel Patrick \_Moynihan\_

6. Name these places mentioned in the New Testament FTPE.

a) According to the second chapter of John, Jesus performed his first miracle at a wedding at this site by changing water into wine.  
Answer: \_Cana\_

b) In Matthew 16, Peter made the first apostolic confession of Jesus as the Messiah at this site. Jesus promptly institutes both the church and the sacrament of reconciliation.  
Answer: \_Caesarea Philippi\_

c) In Luke's gospel, two disciples hit the road from Jerusalem after the Resurrection, and Jesus in disguise comes and walks with them to what village seven miles from the city?

Answer: \_Emmaus\_ (em-MAY-us)

7. Identify these would-be separatist states in twentieth-century Africa FTPE.

a) The Polisario Front is seeking independence for this region, formerly controlled partly by Spain and Mauritania but now under Moroccan rule.

Answer: \_Western Sahara\_

b) Moise Tshombe maintained this separatist province of the Congo as an independent republic from 1960 until the UN forcibly intervened in 1963.

Answer: \_Katanga\_

c) Odumegwu Ojukwu, the head of his nation's Eastern Region, declared it independent in 1967. The new unit, which was forcibly reassimilated in 1970, took this name.

Answer: \_Biafra\_

8. Name these quantum mechanical effects FTPE.

a) Analogous to the Zeeman (ZAY-mahn) effect, this effect involves the splitting of spectral lines when an atom is subjected to an external electric field.

Answer: \_Stark\_ effect

b) This tiny effect can not be derived from a semiclassical treatment of a radiative field, as it is due to quantum fluctuations of the EM field itself. It was first measured in 1947.

Answer: \_Lamb\_ shift

c) Due to the odd behavior of the collapse of the wave function, an excited state which is repeatedly observed with sufficient frequency will actually never decay to the ground state. This puzzling effect is known by two names; give either of them.

Answer: \_Quantum Zeno\_ effect/paradox or Quantum \_Watched Pot\_ effect

9. Identify these terms from the history of women's clothing FTPE.

a) This underskirt, popular from around 1545 until 1620, was held out by a series of circular hoops made of wood, wire, or bone. The shape was first domed, coned, or bell-shaped, but later became more like a drum.

Answer: \_Farthingale\_

b) Similar to a farthingale, this 19th-century underskirt derived its name from the French word for horsehair, which was originally used to stiffen the petticoat. In the 1850s horsehair was replaced by more rigid watchspring hoops.

Answer: \_Crinoline\_

c) This type of 18th century underskirt, whose name comes from the French word for basket, extended to the sides but not in the front or back. Skirts could measure as much as 18 feet across, forcing wearers to turn sideways to go through doors.

Answer: \_Panier\_

10. Name these unfinished literary works FTPE, or for 5 if you need the author.

10) This work hinges on the questions of whether the title character is actually dead, and who the mysterious Datchery actually is.

5) Charles Dickens

Answer: The Mystery of \_Edwin Drood\_

10) The hero of this work believes he has been called to work as a land surveyor, but is constantly frustrated by the bureaucracy of his supposed employers and is eventually given work as a school janitor instead.

5) Franz Kafka

Answer: The \_Castle\_

10) It describes the visit of Charlotte Heywood to the story's title seaside village, but ends abruptly after introducing such characters as Clara, Lady Denham, Sidney, and Sir Edward.

5) Jane Austen

Answer: \_Sanditon\_

11. Identify these legal writs, none of which is a writ of habeas corpus, FTPE.

a) This writ is an order by an appellate court granting review of a lower court's decision.

Answer: Writ of \_Certiorari\_

b) The Supreme Court, in *Marbury v. Madison*, refused to issue this type of writ, which commands the performance of an act. Its name is from the Latin for "let us send."

Answer: Writ of \_Mandamus\_

c) This type of writ grants the owner of disputed goods power to seize them from the defendant and hold it pending trial.

Answer: Writ of \_Replevin\_

12. Identify these memorable groups of Redskins from the 80s FTPE.



a) The offensive line under Joe Bugel was known collectively by this nickname.

Answer: The Hogs

b) The Skins' star wide receiver tandem of Art Monk, Gary Clark and Ricky Sanders earned this nickname.

Answer: The Posse

c) In the early 80s, this exuberant group would meet in the endzone to engage in a leaping high-five after every touchdown.

Answer: The Fun Bunch

13. Name these theorems from number theory FTPA.

a) Also called the Formosa theorem, this result states that any system of congruences in different moduli has a solution if the moduli are relatively prime in pairs; furthermore, the solution is unique modulo the product of the moduli.

Answer: Chinese Remainder Theorem

b) This theorem, despite its name, is extremely useful: it states that if  $p$  is a prime, then  $a$  to the  $p$  minus one is congruent to 1 modulo  $p$ .

Answer: Fermat's Little Theorem

c) This related theorem states that  $p$  minus one factorial is congruent to minus 1 modulo  $p$  if and only if  $p$  is prime.

Answer: Wilson's Theorem

14. Identify these central European monarchs FTPE.

a) This Protestant elector of the Rhenish Palatinate was named king of Bohemia -- its last independent ruler -- in 1619, when its Protestants rebelled against the rule of the Catholic Holy Roman Emperor Ferdinand the Second.

Answer: Frederick I (of Bohemia) or Frederick V (of the Palatinate)

b) The last king of independent Poland, he was elected in 1764 with the support of the army of Catherine the Great, whose lover he had been. He abdicated in 1795, as Poland was being partitioned by Russia, Prussia, and Austria.

Answer: Stanislaw (STAN-iss-slav) II or S\_tanislaw August Poniatowski

c) The last king of Romania, he became king after his father Carol the Second abdicated in his favor. He was a virtual prisoner of the Antonescu regime until he deposed it in 1944; he was toppled himself by the Communists three years later.

Answer: Michael I

15. I'll name a poem. You'll get ten points for naming its author, and five more if you can correctly quote its first line.

a) The Oven Bird

Answers: Robert Frost and There is a singer everyone has heard

b) La Belle Dame Sans Merci

Answers: John Keats and O what can ail thee, knight-at-arms, alone and palely loitering?

16. Identify the following from Turkish politics FTPE.

a) Which new prime minister recently became successful in his second attempt to form a conservative government?

Answer: Bulent Ecevit

b) Which man, as president, can bestow mandates to form a government?

Answer: Suleyman Demirel

c) Which Islamic party has not yet had an opportunity to form a government despite being the largest party in Parliament?

Answer: Virtue Party

17. Originally a metalworker, he taught himself sculpture by studying nature. For ten points each:

a) Name this sculptor, known for his bronze statue of Zeus at Tarentum and his portraits of Alexander the Great.

Answer: Lysippos

b) Lysippos' best-known sculpture might be this sculpture of a wrestler removing oil and dirt from his body with a tool called a strigil.

Answer: Apoxyomenos or The Scraper

c) Lysippos used a smaller head and thinner body than the canon of proportions created by this sculptor of the Doryphoros.

Answer: Polyclitus

18. 5-10-15. Identify these things relating to diffusion.

a) This special case of diffusion is a cell's way of reacting to hypotonic or hypertonic solution.

Answer: osmosis

b) In chemistry, this law states that the rate of diffusion of a gas is inversely proportional to the square root of its molar mass.

Answer: Graham's law

c) This complicated law describes the process of diffusion in complete generality.

Answer: Fick's law

19. Answer these questions about the Ottoman Empire, FTPA.

a) In 1361, this Byzantine city was captured, renamed Edirne, and made the capital.

Answer: Adrianople

b) In 1389, the Turks won this battle which saw the defeat of the Serbs under prince Lazar, despite the death of sultan Murad I. It shares its name with the 1448 defeat of the Albanian hero Skanderberg, as well as a currently troubled region.

Answer: (First and Second) Battle of Kosovo Polje (prompt on Blackbird's Field)

c) At this battle, King Louis II of Hungary attacked over 100,000 troops led by Suleyman I. As Louis had less than 20,000 men, the result was utter annihilation.

Answer: Battle of Mohács

20. 30-20-10. Name the book.

30) Its title comes from a quotation by Sir Toby Belch in Twelfth Night. It contains the quote, "Beauty is an ecstasy; it is as simple as hunger. There is really nothing to be said about it."

20) The author himself appears as the character Ashenden, who along with his colleague Kear discusses the merits of the great Victorian novelist Drieffer.

10) This convivially-titled novel by W.Somerset Maugham was thought to be a satire of Thomas Hardy and Hugh Walpole, but Maugham vigorously denied it.

Answer: Cakes And Ale