

Questions on the Crum VIII, 1999

Tossups by MIT (with a couple by Bryce Avery)

1. On one side were the Manchester yeomenry, the 15th Hussars, and the Cheshire Volunteers; on the other were 50,000 commoners led by radical Henry Hunt. A peaceful meeting whose object was parliamentary reform ended with about five hundred people injured and 11 dead after the authorities, fearful of revolution, decided to arrest Hunt. For ten points, what was this brutal August 1819 dispersal of a crowd from St. Peter's Fields in England?

Answer: Peterloo\_ massacre

2. It is the most abundant constituent of coal tar, and is produced commercially by crystallization into white, water-insoluble plates. The simplest of the condensed ring hydrocarbons, it is composed of two benzene rings sharing two adjacent carbon atoms and has chemical formula  $C_{10}H_8$ . For ten points, identify this compound whose aromatic characteristics make it useful in mothballs.

Answer: naphthalene\_ (do not accept naphtha\_)

3. This religion adopted a pre-existing calendar in which the year is divided into 19 months of 19 days each, with 4 intercalary days. Believers take part in the Nineteen Day Feast which takes place on the first day of every month, and the religion is governed by the Universal House of Justice; among its beliefs are the unity of mankind, sexual equality, and the unity of religion. Founded in 1863 by a man born Muza Husayn al Nuri, for ten points, what is this Iranian-born universalist religion?

Answer: Bahai\_

4. In a 1796 poem, the author describes it as his "morning incense" and his "evening meal," and recounts how he eats it with milk to "save the pains of blowing" on it. It has lent its name to the nation's oldest dramatic association, a Harvard theatre club which named Goldie Hawn and Samuel L. Jackson as its 1999 Woman and Man of the Year. For ten points, what is this "New England mush" which is the title object of a mock-eulogy by Joel Barlow?

Answer: The \_Hasty Pudding\_

5. Born on October 26, 1685, this man's harpsichord playing was described as sounding as if "ten hundred devils had been at the instrument." He left his native Italy for Spain in 1729 after one of his pupils married the Spanish crown prince, sixteen years after he was appointed music director at St. Peter's Basilica. For ten points, name this man, the composer of 555 sonatas, of which all but thirteen are for the harpsichord, and the son of another composer named Alessandro.

Answer: \_D\_omenico \_Scarlatti\_

6. In higher mammals they allow immune systems to adapt, and are also responsible for the development of antibiotic-resistant strains of bacteria. Another example is the TY element in yeast, which resembles a primitive retrovirus. First recognized as the source of color variation among corn kernels, they are sequences of nucleotides with the capacity to move among chromosomes. For ten points, what are these mobile segments of genetic material nicknamed "jumping genes?"

Answer: \_transposon\_s (prompt on early buzz of \_jumping genes\_)

7. Among the new methods it championed were the “deep ploughing” and “close planting” techniques proposed by quack geneticist Trofim Lysenko. In an effort to promote manpower-based instead of machine-based industrialization, the government set up backyard steel furnaces in every village, which led to mass starvation as peasants abandoned their fields to work the furnaces. For ten points, name this economic plan of Mao Tse Tung that drove China into a depression and caused the division in the Communist Party that led to the Cultural Revolution.

Answer: \_Great Leap Forward\_

8. He was born in the ethnically divided city of Bialystok, and at the age of 17 vowed to increase cross-cultural understanding. In 1905 he proposed a kind of super-religion which he first termed Hillelism after the rabbi, and then Homaranismo or “humanism.” Afraid of embarrassing his family, he used a pseudonym meaning “one who hopes” when, in 1887, he published a Russian-language pamphlet which included a 900-word vocabulary for his new “Lingva Internacio.” For ten points, name this Jewish ophthalmologist whose language soon became known as Esperanto.

Answer: L(udwig) L(azarus) \_Zamenhof\_

9. The name of the group was derived from the supposed resemblance of their lead singer to a character from a segment of the \_Rocky and Bullwinkle Show\_. Even without a way-back machine, Peter Noone’s group was the third best selling British band in the US behind the Beatles and the DC5. For ten points, what British Invasion pop band had hits with \_I’m Into Something Good\_ and \_Mrs. Brown You’ve Got a Lovely Daughter\_?

Answer: \_Herman’s Hermits\_

10. Instead of being chronologically ordered, the entries in this book are divided under headings such as \_Amusing Things\_ and \_Vexatious Things\_. Belonging to the genre of *zuihitsu*, this Heian period work collects the memoirs of the daughter of the poet Kiyohara Motosuke from her time in the court of Empress Sadako. For ten points, what is this diary written by the Japanese court lady Sei Shonagon, the subject of a 1996 Peter Greenaway film?

Answer: The \_Pillow Book\_ or \_Makura Nososhi\_

11. Twice the size of Texas, it sits on a high, dry plateau bounded by the Altai, Sayan, and Yablonovyy Mountains. Founded by Damdiny Suhbaatar in 1921 in the wake of the October Revolution, the first modern independent state here maintained a communist government until 1992. While urbanization has occurred, many of its traditionally nomadic herdsmen still live in yurts in the Gobi Desert. For ten points, what is this landlocked country between China and Russia?

Answer: \_Mongolia\_ or \_Mongol Uls\_

12. During this chemical synthesis, a phosphorous ylide (ill-id) or a phosphorane combines with a ketone or aldehyde to form a betaine (bay-ta-een), a dipolar intermediate. The betaine decomposes to yield triphenylphosphine oxide, and a product with a carbon-carbon double bond where the original carbonyl group was. For ten points, name this method for the synthesis of alkenes, named after the German scientist, who along with Herbert C. Brown, won the 1979 Nobel Prize for Chemistry.

Answer: \_Wittig\_ [VIT-tig] reaction

13. He is the title subject of a tragedy by Henry Newbolt, and his treachery was predicted by the well of Saint Madron in a poem by Robert Stephen Hawker. The son of Queen Margawse and half-brother to Sir Gawain, he revealed Lancelot's affair with Guinevere, whom he later tried to seduce himself. He finally is killed at the Battle of Camlann. For ten points, who is this traitorous knight and bastard son of King Arthur?

Answer: \_Mordred\_

14. It was designed by architect Ernst May, who hoped to establish a "garden city." His plans were never completed, however, and many kulak workers were stranded in temporary barracks for decades. Its construction began under Stalin's First Five Year Plan in 1929 -- appropriate, since Stalin's party name came from the Russian word for steel. For ten points, name this city, located on the Ural River, built to exploit the magnetite iron ore deposits of Mt. Magnitnaya.

Answer: \_Magnitogorsk\_ or \_Magnitostroi\_

15. She began performing in 1976, and she got a lower lip implant soon after. In 1981, her private quarrel with her mother about how she wants to live on a beach and walk around naked was captured on film, and she has not said a word since 1992 when Richard Hunt died. First performed by Erin Ozker and then Hunt, her most important acting role is as a nurse on Veterinarians Hospital and her favorite saying is "Fer sure, like, fer sure." For ten points, identify this Muppet, best known as a guitarist in the Electric Mayhem Band.

Answer: \_Janice\_

16. When Alexander the Great destroyed Thebes in 335 BC, Alexander expressly spared this man's house. His oldest extant poem celebrates the victory of the Thessalian Hippocleas in the double-stadium race in 498. Many of his other works were also epinicia or odes for the winners of athletic events, and are divided into four books based on the games they represent -- Olympian, Pythian, Isthmian, or Nemean. For ten points, who was this lyric poet of fifth-century BC Greece?

Answer: \_Pindar\_

17. He once claimed that the historian and politician Adolphe Thiers was the only government official to offer him a helping hand, but the government bought his first work, \_Dante and Vergil in Hell\_, for a generous price, perhaps because Talleyrand may have been his illegitimate father. His interest in historical events was shown in paintings on the battles of Nancy and Poitiers, and many of his more exotic paintings were inspired by an 1832 trip to Morocco. For ten points, name this French Romantic painter of \_The Death of Sardanapalus\_ and \_Liberty Leading the People\_.

Answer: Eugene \_Delacroix\_

18. This idea has no normative value, since, for instance, it can describe a prison if the guard will lose his job when the prisoner escapes. According to the Second Fundamental Theorem of Welfare Economics, any allocation under this condition can be supported as a competitive equilibrium, given appropriate lump sum taxes and transfers. According to the first theorem, this condition will result naturally given perfect competition, perfect information, and the free

provision of public goods. For ten points, name this economic state, in which it is impossible to make one person better off without making someone else worse off.

Answer: Pareto Optimality or Pareto Efficiency

19. It was first proposed in 1808 by Etienne-Louis Malus to explain the existence of two mutually exclusive rays produced by sunlight passing through an Iceland spar. It is determined by the orientation of the oscillating fields in electromagnetic radiation. For ten points, what is this characteristic of light which allows certain types of sunglasses to eliminate glare?

Answer: polarization of light

20. His real name is Prince Dakkar, and he is a British-educated Sikh who took part in the Sepoy revolt before isolating himself from civilization. Later in life, he aided several Union soldiers whose hot air balloon crashed on The Mysterious Island. In between, he sunk several frigates with his submarine and took Pierre Aronnax Twenty Thousand Leagues Under the Sea. For ten points, who is this captain of the Nautilus?

Answer: Captain Nemo

21. L.A. coroner Thomas Noguchi expressed his doubts about the official findings in this man's death by saying "Bullets do not go in circles." While the "lone nut gunman" demonstrated symptoms of post-hypnotic suggestion, a rent-a-cop named Thane Cesar, who hated both the victim and his deceased brother, was best positioned to fire the fatal shot. For ten points, who is this man whose assassination took place on June 5, 1968, officially at the hands of Sirhan Sirhan?

Answer: Robert F. Kennedy

22. Supporters of this economic counterpart to political absolutism held that governmental regulation of a nation's economy should be used to promote state power at the expense of other nations. Thrift, saving, and parsimony were considered virtuous, for they helped a nation accumulate capital. To achieve a "favorable" trade balance, it forbade manufacturing in colonial possessions, which were to serve as suppliers of raw materials and markets for manufactured goods from the mother country. For ten points, name this economic theory.

Answer: mercantilism

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1. Given a description, name the artistic term FTPE.

a) A smokelike haziness that subtly softens outlines in painting, this technique was often used by Leonardo da Vinci and Correggio.

Answer: \_sfumato\_

b) The pigment is applied to the canvas thickly, or in heavy lumps in this style, used in many of Rembrandt's paintings.

Answer: \_impasto\_

c) Caravaggio was noted for this style of painting "in the dark manner," using violent contrasts of light and dark.

Answer: \_tenebrism\_

2. Identify the following novels by Nobel Prize-winning writers FTPA.

a) Set during the Rome of Nero, it centers on the relationship and conflict between the Christian Lygia and the pagan guard Vinicius.

Answer: \_Quo Vadis?\_ (by Henryk Sienkiewicz)

b) It explores the development and degeneration of successive generations of the Buendia family in the village of Macondo, Colombia.

Answer: \_One Hundred Years of Solitude\_ or \_Cien Anos de Soledad\_ (by Gabriel Garcia Marquez)

c) In this novel, a bombing suspect falls from the window of a fifth-story police interrogation room when two officers mistakenly believe the other is supporting him.

Answer: \_Accidental Death of an Anarchist\_ or \_Morte Accidentale di un Anarchico\_ (by Dario Fo)

3. Given the description, identify the biome FTPE.

a) Characterized by open plains with long grasses and scattered drought-resistant trees, these dry-tropical grasslands have both wet and dry seasons.

Answer: \_savanna\_

b) This biome is characterized by warm and dry scrubland covered with dense brushwood and low thorny shrubs based in poor soil. Examples are found in Texas and Mexico.

Answer: \_chaparral\_



c) These cold, vast treeless plains are characterized by permafrost and are found at high latitudes.

Answer: \_tundra\_

4. Name the Russian political parties FTPA.

a) This party was a product of the 1903 split of the Social Democratic Party. While its name means "minority," at the time of the split, it had a larger membership base than its counterpart.

Answer: \_Menshevik\_

b) This party, founded in 1901, appealed primarily to the peasantry. One of the more radical parties, it embraced violent tactics, carrying out hundreds of political assassinations and even wounding Lenin. It was the largest socialist party in 1917, but was suppressed by Lenin after the Bolshevik victory in the Civil war.

Answer: \_Socialist Revolutionary\_ party or \_SR\_s or \_Sotsialisty Revolyutsionery\_ or \_Esery\_

c) This Party, founded in 1905 by the Union of Liberation, dominated the first Duma in 1906, and advocated a change from autocracy to constitutional monarchy. Its power declined in later Dumas, and it was finally declared illegal by the Bolsheviks in 1917.

Answer: \_Kadet\_ or \_Constitutional Democratic\_ Party or \_Party of People's Freedom\_ or \_Russian Konstitutsionno-Demokraticeskaya Partiya\_

5. Identify these mythological things associated with fire FTPA.

a) Folklore held that this amphibian was spawned from burning wood and had powers controlling heat.

Answer: \_salamander\_

b) This fire giant from Muspelheim sets the world on fire with his flaming sword during Ragnarok.

Answer: \_Surt\_

c) This was the river of fire in Hades.

Answer: \_Phlegethon\_

6. FTPA, given their non-title characters, identify these shows from the thankfully-defunct "Disney Afternoon."

a) Baloo, Kit Cloudkicker, Colonel Spigot

Answer: \_Tale Spin\_

b) Fat Cat, Monterey Jack, Zipper

Answer: Chip 'n Dale \_Rescue Rangers\_

c) Dr. Reginald Bushroot, The Liquidator, Quackerjack

Answer: \_Darkwing Duck\_

7. Identify these members of the Kingdom Monera FTPE.

a) Members of this genus lack cell walls and are parasites of joints and mucous membranes. They can cause arthritis and a particular type of pneumonia in humans.

Answer: \_Mycoplasma\_

b) Members of this genus are the active agent in typhus and Rocky Mountain spotted fever.

Answer: \_Rickettsia\_

c) This order of spiral-shaped bacteria includes members which cause syphilis.

Answer: \_Spirochete\_

8. Identify the battles from the Second Punic War from descriptions FTPE.

a) In 218 BC, Hannibal tricked the two consuls, Scipio and Sempronius, into sending their forces through the river for which this battle was named, where they were ambushed by Carthaginian troops.

Answer: The Battle of the \_Trebia\_

b) The following year Hannibal took advantage of morning fog to trap the Roman army between a steep ridge of hills and this lake, where they were easy to defeat with an attack from the high ground.

Answer: The Battle of Lake \_Trasimene\_ or \_Trasimino\_

c) At this 216 BC battle, Hannibal employed a double envelopment to defeat the Roman army under consul Aemilius Paulus and kill over 70,000 Roman troops.

Answer: The Battle of \_Cannae\_

9. Given the names and composers of two symphonies, give the number those symphonies share FTPE.

a) \_Symphony of a Thousand\_ by Mahler, \_Unfinished\_ by Schubert

Answer: Symphony No. \_8\_

b) \_Spring\_ by Schumann, \_Classical\_ by Prokofiev

Answer: Symphony No. \_1\_

c) \_Antar\_ by Rimsky-Korsakov, \_Little Russian\_ by Tchaikovsky

Answer: Symphony No. \_2\_

10. Identify these Edgar Allan Poe short stories from their opening lines FTPE.

a) "The thousand injuries of Fortunato I had borne as I best could, but when he ventured upon insult, I vowed revenge."

Answer: The \_Cask of Amontillado\_

b) "True! nervous, very, very dreadfully nervous I had been and am; but why WILL you say that I am mad? The disease had sharpened my senses, not destroyed, not dulled them."

Answer: The \_Tell-Tale Heart\_

c) "I was sick, sick unto death, with that long agony, and when they at length unbound me, and I was permitted to sit, I felt that my senses were leaving me."

Answer: The \_Pit and the Pendulum\_

11. Identify the African cities FTPE.

a) One of Morocco's four imperial cities, it lies in the south of the country on the Haouz plain. It is home to the Koutoubia Mosque and the Menara olive grove.

Answer: \_Marrakech\_ or \_Marrakesh\_

b) This chief port of Kenya is situated on a coral island off the coast in the Indian Ocean. It is home to the Portuguese-built Fort Jesus.

Answer: \_Mombasa\_

c) This city has been slated to become the national capital of Tanzania since 1974, but the transfer of functions from Dar es Salaam has yet to be completed.

Answer: \_Dodoma\_

12. 5-10-15. Answer the following about the current state of affairs in Afghanistan.

a) What strict Islamic militia movement controls over 90 percent of the country?

Answer: \_Taliban\_

b) The remainder of the country is under the control of troops led by what former Defense Minister?

Answer: Ahmed Shah \_Masood\_

c) What is the name for the traditional all-enveloping long sheath which all females are required to wear by Islamic law?

Answer: \_Burqua\_



13. Identify these pamphleteers associated with the American colonies FTPE.

a) This author opened with the phrase “These are the times that try men’s souls” in the first issue of the Crisis, a series of essays written from 1776 to 1783 to bolster patriot morale.

Answer: Thomas Paine

b) This delegate to the Stamp Act Congress argued in his 1768 pamphlet, Letters from a Farmer in Pennsylvania, that Parliament had authority to regulate trade but not to tax the colonists or to issue the Townshend Acts.

Answer: John Dickinson

c) This Bostonian argued in his 1764 pamphlet, Rights of the British Colonies, Asserted and Proved, that there could be no colonial taxation without representation.

Answer: James Otis

14. Identify the following about a German philosopher FTPE.

a) The author of 1901’s Logical Inquiries, he is best remembered today as a teacher of Jean-Paul Sartre who exerted a deep influence on the French Existentialists.

Answer: Edmund Husserl

b) Husserl was the founder of this school of philosophy which sought to isolate what is intrinsic to mental processes and focus on experience itself. Its main goal was to establish a foundation for the sciences by describing a formal structure of acts of perception.

Answer: phenomenology

c) Husserl coined this two word term which means that one person’s essences and meanings can be shown by analogy to resemble another’s.

Answer: Transcendental Intersubjectivity

15. Identify these results of special relativity FTPE.

a) The relativity of this states that if two events happen at the same time in one inertial frame, they do not happen at the same time in any other inertial frame.

Answer: simultaneity

b) A purely relativistic effect, it occurs when a pulsating source is moving at a relativistic speed parallel to an observer. The frequency of the pulses received differs from the frequency of emission.

Answer: transverse doppler effect (do not accept just Doppler effect, which is classical)

c) This four-dimensional space-time named for a German mathematician can be created because the three spatial dimensions and time are all independent variables.

Answer: Minkowski space

16. Identify the legal terms beginning with “A” from a description FTPE.

a) A party that is allowed to provide information to a court even though the party is not directly involved in the case at hand.

Answer: Amicus Curiae (prompt on amicus)

b) From the Latin for “according to the value,” it describes duties which are levied on commodities at certain rates per centum on their value.

Answer: Ad Valorem

c) A method, prescribed by statute, by which someone other than the title holder gains title to land.

Answer: Adverse Possession

17. 30-20-10. Name the author from works.

30) A Syllabus of Plain Algebraical Geometry ; Curiosa Mathematica

20) Sylvie and Bruno and its sequel Sylvie and Bruno Revisited

10) Through the Looking-Glass, and What Alice Found There

Answer: Lewis Carroll or Charles Lutwidge Dodgson

18. Given the description, name the lake, FTPE.

a) This lake, located within the Buryatiya republic and Irkutsk oblast of Russia contains about one fifth of the earth’s fresh water.

Answer: Lake Baikal

b) The third-largest lake in Africa, its main tributary is the Ruhuhu River, and the Shire (shi-ray) River is its only outlet. It was named by David Livingstone in 1859.

Answer: Lake Nyasa or Lake Malawi

c) This largest lake of South America, connected to the Gulf of Venezuela by a narrow strait, is a major oil-producing region.

Answer: Lake Maracaibo

19. “Alas, my love, you do me wrong, To cast me off discourteously. For I have loved you well and long, Delighting in your company.” FTPA

a) This is the first verse of what British folk song dating from the 1500s?

Answer: \_Greensleeves\_

b) What popular Christmas carol is sung to the approximate tune of \_Greensleeves\_?

Answer: \_What Child is This?\_

c) What composer used the approximate tune of \_Greensleeves\_ in the last movement of his \_Second Suite in F for Military Band\_?

Answer: Gustav \_Holst\_

20. Given a description, give the year of the Arab-Israeli war described FTPE.

a) Israel launched an air campaign against strongholds of the Palestine Liberation Organization in Beirut and Southern Lebanon. Land forces penetrated Lebanon and heavily attacked Beirut before withdrawing under diplomatic pressure.

Answer: \_1982\_

b) Israel invaded and captured most of the Sinai peninsula from the Egyptians, who had recently seized control. After an intervention by the United Nations, Israeli forces withdrew. Name either year of the Israeli occupation.

Answer: \_1956\_ or \_1957\_

c) In retaliation for bombardments on its villages, Israel shot down 6 Syrian MiG fighters. This prompted Egypt to attack. In a matter of days Israel eliminated the Egyptian air force and took a great deal of land, including the West Bank and the Gaza Strip.

Answer: \_1967\_