

QuESADILLA Tournament, 8/8/98
Questions by David Farris
Bonuses

B1. FTP each, identify the following about the people who are currently relevant because of their deaths.

Novelist whose works include Adventures in the Alaskan Skin Trade, The Frog, and Whistlejacket.

Answer: John Hawkes

Which winner of Nigeria's 1993 presidential election and longtime prisoner died soon after his release by the government?

Answer: Moshood Abiola

When the remains of the Vietnam unknown soldier were exhumed and analyzed, which Air Force pilot was he determined to be?

Answer: Michael Blassie

B2. Identify the following about the Platonic dialogues dealing with the end of the life of Socrates, FTP each.

1.He tries to persuade Socrates to flee, both out of friendship and because he does not want people to think that he was unwilling to aid Socrates because of the cost.

Answer: Crito

2.He tells a group of philosophers his eyewitness account of the last day of Socrates.

Answer: Phaedo of Elis

3. According to the Crito, what did Socrates tell Crito to do with his last words, perhaps in thanks for his cure of death?

Answer: sacrifice a cock to Asclepius (accept any equivalent that mentions offering a sacrifice to Asclepius)

B3. Identify the following plastics, FTP each.

1.This plastic, a mixture of camphor and pyroxylin discovered by Parkes, was the first to be commercialized, for use in billiard balls although, due to its inflammability, it is no longer used for that.

Answer: celluloid or xylonite

2.This first thermosetting plastic, both hard and stable, was discovered in 1906 by the chemist Leo Hendrik Baekeland.

Answer: Bakelite

3.This polymer arises from the resin of the Storax tree. Usually, it is produced by dispersing the monomer in water with soap, and using free-radical catalysts to make the monomers for chains.

Answer: polystyrene

B4. Identify the following characters in fictional accounts of space travel, FTP each.

1.He was the first to step foot on the moon after arriving on a ship launched from the Sprodj Atomic Research Centre in Syldavia, along with 6 others, including two detectives, a scientist, engineer Frank Wolff, a sailor, a dog, and Jorgen, a foreign agent secretly stowed in the hold by Wolff.

Answer: Tintin [from Destination Moon and Explorers on the Moon, by Herge]

2.He was the first man to contact aliens, who happened to be passing through our solar system when he first launched his faster than light ship, the Phoenix.

Answer: Zephram _Cochrane_ [from "Star Trek: First Contact"]

3. Dick Jarvis, the chemist of the Ares expedition, the first manned expedition to Mars, encountered this intelligent Martian, an ostrich like creature with a long beak who moved by diving high into the air and landing like a javelin with his beak in the ground.

Answer: _Tweel_ [from Stanley G. Weinbaum's "A Martian Odyssey"]

B5.Identify the following massacres, FTP each.

1. The SS, assisted by the German army, killed 150 of the leaders of the Storm Troopers and other political opponents of Hitler.

Answer: _Night of the Long Knives_

2.It is generally believed that General Nathan Forrest ordered the massacre of surrendering black union troops in April 1964 at this fort.

Answer: Fort _Pillow_

3.The ravine Babi Yar, site of the massacre of 34,000 Jews on September 29-30 1941, just 10 days after the Nazis captured the city, is on the northern outskirts of this city.

Kiev, Ukraine

B6.Identify the following characters from _Twelfth Night_, FTP each.

1.Which attendant to Olivia plants a letter for Malvolio to read?

Answer: Maria

2. Which man, outlawed in Illyria, saved Sebastian from drowning?

Answer: Antonio

3. Which foolish crony of Sir Toby Belch had designs to wed Olivia?

Answer: Sir _Andrew Aguecheek_

B7.Since people care a lot about home runs in a season this year, identify the following people who hit a lot of them, FTP each.

1.This longtime Tiger, who was Hammerin' Hank before Hank Aaron was, hit 58 home runs in 1938.

Answer: Henry Benjamin "Hank" _Greenberg_

2.This man, whose nicknames included The Beast and one that played on the spelling of his name, also hit 58, for Philadelphia in 1932.

Answer: James Emory "Jimmy" _Foxy_ [the nickname referred to is "double x"]

3.This Reds outfielder hit 52 in 1977, the last to break fifty before the slug-fest that is the 1990s.

Answer: George Arthur _Foster_

B8. Classical Mechanics

1. According to this principle, also known as Hamilton's principle, the integral of the lagrangian between two points of time is minimized by the path followed by a particle according to Newton's laws.

Answer: Principle of _Least Action_

2. In a general one dimensional system, what is the difference between the time derivative of the derivative of the lagrangian with respect to velocity and the derivative of the lagrangian with respect to position (that is, $d/dt(dL/dq) - dL/dq$)?

Answer: sum of the _nonconservative force_s

3. Consider a book with three unequal principal axes labelled 1, 2, and 3 (which go through the center of the 3 opposite pairs of sides), with corresponding moments of inertia I_1 , I_2 , and I_3 , where $I_1 < I_2 < I_3$. If this book is thrown into the air rotating about one of its principal axes, about which of the three axes, 1, 2, or 3, will the rotation be stable?

Answer: _1_ and _3_ [accept nothing else-rotation about 2 is unstable, and they must have BOTH 1 and 3]

B9. Identify the following from Southeast Asian geography, FTP each.

1. This nation's eastern part is dominated by the Korat Plateau, and the eastern border is the Mekong river.

Answer: Thailand

2. This island group, bordered on the east by a sea of the same name, is owned by India and has some of its islands separated by the Duncan Passage and the Coco Channel.

Answer: _Andaman_ Islands

3. The Irrawaddy's mouths are at the south of this nation, bordered on the south by the Andaman Sea.

Answer: Myanmar or Burma

B10. [Moderator: Give team the photocopy of "The Last Supper"]

This is a photocopy of Leonardo da Vinci's "The Last Supper". For 5 points each, identify any six of the apostles by identifying the apostle and the letter corresponding to them.

Answer: A-Bartholemew B-James the Greater C-Andrew D-Judas Iscariot E-Peter F-John G-Thomas H-James the Lesser I-Phillip J-Matthew K-Jude L-Simon

B11. Given the quote prefacing a literary work, identify the work FTP each, and for 5 points of you need the author of the work.

1. [10] "Man knows no Master save creating HEAVEN, or those whom Choice and Common Good ordain." -James Thomson

[5] Thomas Paine

Answer: _Common Sense_

2. [10] "If the stars should appear one night in a thousand years, how would men believe and adore, and preserve for many generations the remembrance of the city of God?" -Emerson

[5] Isaac Asimov

Answer: Nightfall

3.[10] "Qui n'a plus qu'un moment vivre/N'a plus rien dissimuler."-Quinault, meaning he who has a moment to live no longer has anything to dissimulate.

[5] Edgar Allan Poe

Answer: Ms. Found in a Bottle

B12. Identify the psychologists who are the namesakes of the following theories of psychological development, FTP each.

1. His theory of personality development has 8 stages, each of which is a crisis that will determine future personality development, such as an infant's decision to feel comfortable and trust his parents or to develop a distrust of the unsafe world, or an adolescent either acquiring a sense of identity or becoming confused about his role in life.

Answer: Erik Erikson

2. His theory of cognitive development includes 4 stages in which children conceptualize the world in schemes incorporating sensory information and motor activities, rudimentary thinking in mental images, complexification of and more logical ways of thinking, and mature adult logic and understanding of abstraction.

Answer: Jean Piaget

3. This theory of the moral development of girls complements Lawrence Kohlberg's theory of moral development, which its creator believed applied only to boys, and has three stages: Morality as individual survival, morality as self-sacrifice, and morality as equality.

Answer: Carol Gilligan

B13. Identify the following about bones.

For 10, identify the tissue, also known as gristle, that caps the ends of bones which rub against each other to bear the strain of the pressure.

Answer: cartilage

2. For 5 points each, name the two subclasses of the class Pisces, which correspond to fish whose skeletons are made of bone and those, such as sharks, whose skeletons remain cartilage throughout their lives (identifying which is which).

Answer: bone: Teleostei cartilage: Elasmobranchii

3. These thin plates of bone tissue, which occur in bundles, make up the bone of mature mammals and are differently shaped and arranged in spongy and compact bone.

Answer: lamellae

B14. 30-20-10 Identify the person.

30: John Kelley wrote in his preface to General Topology that he was talked out of using a title in parody of a series of her essays published in the magazine The Woman Rebel.

20: Kelley's original title was "What Every Young Analyst Should Know"

10: She coined the terms "family planning" and "birth control"

Answer: Margaret Sanger

B15. Identify the following minor characters in Greek mythology, FTP each.

1. This man rode a loud chariot and scattered fire brands through town, claiming to be Zeus, until struck down with a thunderbolt by the real McCoy.

Answer: Salmoneus

2. This daughter of Salmoneus and husband of Cretheus bore twins to Poseidon, but hid her sons, Pelius and Neleus, to keep her husband ignorant of their birth.

Answer: Tyro

3. This man saved a dryad, earning her love, but lost it and was blinded by her when he disregarded and then injured her messenger, a bee.

Answer: Rhoecus

B16. Answer the following about mathematical objects for the stated number of points.

1. For 5 points, what name is given to a set with a binary composition law that is associative and has an identity and an inverse for each element?

Answer: group (prompt on monoid, groupoid, or semigroup)

2. FTP, what name is given to a Hausdorff space such that some neighborhood of each point is homeomorphic to \mathbb{R}^N for some fixed N ?

Answer: N -manifold

3. For 15 points, what type of mathematical structure, originally studied to explore symmetries of differential equations, has the structure of both a smooth manifold and a group such that the group operations of composition and inversion are smooth maps?

Answer: Lie group

B17. Identify the following musical terms, FTP each.

1. Famous examples of this form, which arose from the songs of Venetian gondoliers, were done by Chopin and by Offenbach in "Tales of Hoffman"

Answer: barcarole

2. In the 19th century, they came to refer to light instrumental pieces, but began as the comic entertainment that gave rise to opera buffa, staged between the acts of a play or opera.

Answer: intermezzo

3. This operatic singing style means "beautiful singing" in Italian

Answer: bel canto

B18. Finish the quote, for 10 from context (either the following or preceding lines), or 5 from the speaker or writer.

[10]: In a letter to Bishop Mandell Creighton, regarding Creighton's History of the Papacy during the Reformation, it follows "Historic responsibility has to make up for the lack of legal responsibility"

Answer: [5]: Lord Acton

Answer: "Power tends to corrupt, and absolute power corrupts absolutely"

[10] In the apocrypha of the Old Testament, it precedes "and our father that begat us. The Lord hath won [??] great glory by them through his great power from the beginning.

[5] Jeshua, son of Sirach, spoke it.

A: "Let Us Now Praise Famous Men"

[10]: This ends a famous line in a historical play: "But those that understood him smiled at one another, and shook their heads; but for mine own part..."

[5]: Said by Casca, in Julius Caesar

A: "It was Greek to me"

B19.30-20-10 FICTIONAL VILLAINS

[30] He had a beautiful slave named Karamaneh, and as a henchman, an executed criminal he brought back to life and outfitted with the brain of a gorilla.

[20] At first, he was completely self-aggrandizing, but later became an ardent anti-Communist.

[10] He was created by the British author Arthur Ward, better known as Sax Rohmer.

Answer: Dr. Fu Manchu

B20. Identify the following about the early history of the abolition movement, FTP each.

1. The first organized antislavery protest was made by Quakers in this Pennsylvania town in 1688.

Answer: Germantown

2. Which man, the only judge in the Salem witch trials to publicly apologize, wrote the antislavery tract The Selling of Joseph?

Answer: Samuel Sewall

3. This Quaker founded a school for slaves and freed blacks in Philadelphia in 1770.

Answer: Anthony Benezet

B21. Identify the following U.S. geographical features, FTP each.

1. On which island would you find the cities and beaches of Edgartown, Oak Bluffs, Menemsha and Gay Head?

Answer: Martha's Vineyard

2. Which lake does the Mississippi enter by the Bonnet Carr=E9 Spillway and Floodway and has its southeast shores occupied by New Orleans?

Answer: Lake Ponchartrain

3. This plain, along the Texas-New Mexico border, whose name means "Staked Plains", is the site of grazing lands, wheat and cotton farming, and production of oil and natural gas, and of the cities of Lubbock and Amarillo.

Answer: Llano Estacado

B22.30-20-10

[30] An FBI investigation concluded that he was a Jew named Israel Thompson posing as a gentile.

[20]: When he went to the UK to promote the film "Limelight", the US Attorney General denied him reentry, so he moved to Switzerland.

[10]: In his first talkie, he played the Hitler-like Adenoid Hynkel.

Answer: Charlie _Chaplin_

B23. Identify the following characters from Hesse's _Siddhartha_ FTP each.

1. Siddhartha worked for this merchant, though the work remained a game to him.

Answer: Kamaswami

2. This man can think, wait, and fast.

Answer: Siddhartha

3. Siddhartha lived by the river with this ferryman, who gained great wisdom from the river.

Answer: Vasudeva

B24. Identify the following Pakistani leaders, FTP each.

1. Which man led the civilian government that came to power following the military's 1971 disgrace?

Answer: _Zulfikar_ Ali _Bhutto_

2. Who seized power in 1977 and had Bhutto executed?

Answer: Mohammad _Zia_

3. Which current Prime Minister ordered the Pakistani nuclear tests this summer?

Answer: Nawaz _Sharif_