

Playoff Round 3: QOTC IX: March 25, 2000

Packet by Peter Austin

Tossups

1. It was the flagship of a squadron carrying a garrison to Senegal, and when it ran aground, its commander told its occupants to board the lifeboats. But not everyone would fit in the lifeboats, so some ended upon a raft that this ship's commander intended to tow, but left behind because towing the raft slowed him down. Over the next twelve days the men on the raft were reduced to 15 before being rescued by the Argus. Back in France these events inspired an uproar over the cronyism of the Bourbons and a painting entitled Scene of Shipwreck. FTP name this ship, the subject of a painting by Theodore Gericault.

Answer: Medusa

2. He would work every day until midnight, and then go home and relax by reading military history to his daughters. Appointed Chief of the Great General staff in 1891, his plans always considered only the dispositions of armies, not the state of their troops or the political situation, and he was one of the first proponents of violating Belgian neutrality to attack France. FTP identify this man, whose plan for the invasion of France was followed by the German army in 1914.

Answer: Count Alfred von Schlieffen

3. The son of an illiterate shopkeeper, he became professor of Physics at Vienna in 1863, and was appointed the director of the Institute for Experimental Physics, founded by Christian Doppler, three years later. Noted for his work on the kinetic theory of gases, he was also interested in optical interference and electromagnetism. By studying measurements of a glowing platinum wire made by John Tyndall, he established that the energy radiated from a hot object was proportional to the fourth power of its temperature. FTP name this physicist, whose observations were generalized by his pupil Ludwig Boltzmann.

Answer: Joseph Stefan

4. In 1098 Magnus III of Norway took it, but the Scottish king Alexander III forced Magnus IV to surrender it in 1266. It is governed by the court of Tynwald and the House of Keys and its highest point is Snaefel, at 620 meters above sea level. It has a population of about 70,000 and an area of 572 square kilometers. Though part of the United Kingdom, it has its own currency and postage stamps, and its principal towns are Ramsay, Peel, and its capital, Douglas. FTP, name this large island in the Irish sea, native land of a breed of cats that have no tail.

Answer: Isle of Man

5. Messaien called it his Mode 2, and it was used in some of Rimsky-Korsakov's music, though its sound there is disguised. Only three transpositions of this scale exist, unlike the diatonic scales, for which there are twelve transpositions. It was extensively used by Stravinsky in *The Firebird* and *The Rite of Spring*. FTP name this scale, which consists of alternating whole steps and half steps and is named for its eight notes.

Answer: Octatonic scale (accept Tone-Semi-tone)

6. Born in present-day Verona around 84 BC, influences upon him include Hipponax and Callimachus. He moved to Rome in 62 BC, and is thought to have died young, probably around the age of thirty. In the last years of his life he wrote poetry attacking Julius Caesar and Caesar's associates. In 57 BC he visited Bithynia in the entourage of the Roman governor, and there he wrote a popular ode on a visit to his brother's grave at Troy. FTP name this Roman lyric poet, author of a series of poems to Lesbia.

Answer: Gaius Valerius Catullus

7. The wife of King Aegeus of Athens, this woman plotted to kill Theseus with a poisoned cup at a banquet. Earlier she had tricked the daughters of King Pelias into killing him by disappearing in the middle of a ritual supposedly designed to restore Pelias's youth. She also killed her younger brother, Apsyrtus, as well as her rival, the daughter of King Creon of Corinth, and even her own sons. FTP, name the princess of Colchis, who helped the Greek hero Jason to capture the Golden Fleece and then married him.

Answer: Medea

8. He was born in 1842 in Wadsworth, England and was educated at St. John's College in Cambridge, and was appointed to a special lectureship there in 1868. In 1872, he wrote Mr. Jevon's Theory of Political Economy and in seven years later, he wrote The Pure Theory of Foreign Trade and The Pure Theory of Domestic Values. In between, he visited the United States to observe the effects of protective tariffs in a young country, and he coined the term economics. FTP, name this economist who wrote Industry and Trade and Principles of Economics.

Answer: Alfred _Marshall_

9. Most paper is coated with it to increase the paper's printing quality and strength, and this compound is also used to strengthen rubber. Mixed with clay and sand, it forms marl, and mixed with copper, it is used by organic farmers to control harmful fungi and is the primary component of mother-of-Pearl. In the natural world, it is used by sclerosponges, hard corals, and mollusks as a structural compound. FTP, name this compound, most well-known as being the primary component of limestone and calcite.

Answer: _calcium carbonate_

10. He learned English by watching American movies, an experience he portrayed in his first novel, _Betrayed by Rita Hayworth_. He originally studied architecture and philosophy before attempting to write film scripts in Rome in late 1950s. Some of his later works include _An Eternal Curse on the Reader of These Pages_ and _Tropical Night Falling_. FTP, name this Argentine novelist whose most famous work is _Kiss of the Spider Woman_.

Answer: Manuel _Puig_

11. By 1515 he had established himself as a book illustrator in Basel, Switzerland. Early works of his, influenced by Leonardo and Mantegna include _Madonna of Burgomaster Meyer_ as well as _Dead Christ_ and _Passion of Christ_. Many of his greatest works were destroyed by fire in 1698, one hundred and fifty-five years after he had died in London during a plague epidemic. He had moved there in 1536 and first achieved recognition at court with his portrait of Thomas Cromwell. FTP name this painter of _The French Ambassadors_, court portraitist to Henry VIII.

Answer: Hans _Holbein the Younger_

12. Their first Sultan was Baybars I, and their independent kingdom is comprised of two dynasties: the Bahri, made up of Turks and Mongols and the Burji, made up of Circassians, those names taken from where each dynasty had been quartered before seizing power in 1250 and 1382, respectively. Originally slave soldiers, they defeated the Mongols at Ain Jalut in 1260, but were conquered by the Ottomans in 1517. Their power was broken in massacres in 1811 and 1815, and the survivors fled to Nubia. FTP, name these Egyptian rulers, who were defeated by Napoleon at the Battle of the Pyramids.

Answer: _Mamelukes_

13. His only major scientific work posits that the universe was formed from a spinning nebula. In 1792 King Frederick William II of Prussia forbid him to teach or write on religious subjects. Three years later he published a treatise on a world federation of republican states in his _Perpetual Peace_. As a young man the death of his father had forced him to withdraw from the university to become a private tutor until 1755. Living in Königsberg his whole life, he divided knowledge into empirical and a priori. FTP, name this German philosopher author of _Metaphysics of Ethics_ and _Critique of Judgment_.

Answer: Immanuel _Kant_

14. On February 14th, the dismissal of this country's security minister was announced by its president. Two days later the former minister, General Wiranto, said in a television interview that he held no grudge against the president and called on soldiers loyal to him not to act against the new democratic government. The dismissal has prompted more doubts about the consistency of the new president, an elderly Muslim cleric. FTP name this country, where General Wiranto is under investigation for his role in last year's violence in East Timor.

Answer: _Indonesia_

15. He began the practice of exiling political enemies to Siberia as well as issuing edicts that tied serfs to the land they worked. He also strengthened the Russian church by making it a patriarchate, giving it a status equal to the other Eastern churches. His predecessor as czar had been married to this man's sister, and this man had been his predecessor's regent along with Nikita Romanovich Yuriev. The Assembly of the Land elected him czar after the death of Fyodor I in 1598 and he reigned for seven years. FTP, name this man, the subject of a poem by Pushkin and later an opera by Mussorgsky.

Answer: _Boris_ Godunov

16. In this city's police department, former undercover officer Rafael Perez in the Rampart division has been convicted of stealing cocaine from an evidence locker, and twenty officers have quit, been suspended or been fired since the investigation began last fall. A novel proposal from the mayor has been introduced to pay for the expected damages from lawsuits against the city with the city's share of tobacco money from national tobacco settlement. FTP name this California city, whose mayor is Richard Riordan.

Answer: _Los Angeles_

17. Among the best known works of Eugene Carrière is a portrait of this man, born in Metz in 1844. He married in 1870 but left his wife two years later, and works of his include _Pomes Saturniens_ and _Amour_. He spent his last years alternating between drunken

debauchery and ascetic repentance, and he was associated with the Parnassians. This French poet was also the leader of the symbolist movement and author of *Songs without Words*. FTP, name this man who traveled with Arthur Rimbaud for a year before he shot and wounded him.

Answer: Paul Verlainé

18. It provides some of the clearest crystalline stibnite in the world, and a prince of the same name made large contributions to Buddhist temple libraries in the 7th century A.D. It is one terminus of the world's longest suspension bridge, as well as the home island of Oe Kenzaburo. Heavily forested and mountainous, its tallest peak is Mount Ishizuchi and its principal cities are Matsuyama, Takamatsu, and Kochi. FTP, name this island, south of the Inland Sea and the smallest of the four major islands of Japan.

Answer: Shikoku

19. It is divided into four suborders: Archestomata, Adephaga, Myxophaga, and Polyphaga, the last containing the vast majority of species. Its largest families include Chrysomelidae, Curculionidae, Carabidae and Staphylinidae. Characterized by hardened forewings known as elytra, members undergo complete metamorphosis. Common examples include fireflies, weevils, and ladybugs. FTP, name this insect order which comprises one-third of all known animal species.

Answer: Beetles or Coleoptera

20. In Hindu mythology, this constellation was the god Prajapati with an arrow in his side fired by the star Sirius, outraged over Prajapati's incestuous tendencies. To the ancient Egyptians, it was the resting place of the god Osiris, and the Arabs called it Al Jauzah, meaning The Giant. Once thought to be the harbinger of storms, lesser known stars in it include Saiph and Bellatrix. FTP, name this constellation which includes a nebula of the same name and the stars Rigel and Betelgeuse.

Answer: Orion

EXTRA:

The smaller female spends most of her life living in the groove of the male's body, leaving primarily to deposit eggs into the host's digestive tract, though the immature stages are spent in various snails. Affecting 150 to 200 million people worldwide, it is caused by three different species of flukes which cause internal hemorrhages, and well as stunting growth, and, if left untreated, can result in death. FTP, name this disease, prevalent mainly in tropical regions.

Schistosomiasis or Bilharziasis

He received commissions from seven popes, the first of which was Urban VIII, and he did an unexecuted design for the Louvre presented to Louis XIV in 1665, as well as designing churches in Castelgandolfo, Ariccia and the church of Sant' Andrea al Quirinale in Rome. However, he is better known for his sculpture, including the Abduction of Prosperina and The Goat Amalthea Nursing the Infant Zeus and a Young Satyr. FTP, name this Italian baroque sculptor, most famous for his David, Apollo and Daphne and the Ecstasy of Saint Theresa.

Gianlorenzo Bernini

He named his children Love, Fear, Patience, Wrestling and Jonathan. Born in Scrooby, England around 1567, and he studied at Peterhouse in Cambridge. From 1584 to 1587 he was an assistant to an English ambassador, and he returned to Scrooby to become its bailiff and postmaster in 1590. Eighteen years later, however, he fled to the Netherlands to avoid religious persecution. Twenty-one years later he moved further afield for religious freedom this time to Massachusetts. FTP, name this man, leader of Plymouth colony and instrumental in drawing up the Mayflower Compact.

William Brewster

One of its limitations is that it fails to take into account entry into the industry, and consequently does not pick up on the asymmetry between a tax on pollution and a subsidy not to pollute. Essentially, it states that harms are reciprocal and that if transaction costs are negligible and property rights are defined clearly, an equilibrium will be reached. FTP, name this theorem of economics, named for the 1991 Nobel prize winner.

Coase theorem

QOTC IX

Boni

1. Given a Chinese province, give its capital for fifteen points each, or for ten if you need a more substantive clue about the city.

15. Jiangsu

10. This city's name means southern capital, and it was the first capital of Ming dynasty, as well as the capital of the Nationalist government from 1927 to 1937.

Answer: Nanjing_ or _Nanking_

15. Guangdong

10. The largest city in China south of the Yangzi valley, up until 1842 this was the only place in China where Westerners were allowed to trade.

Answer: Guangzhou_ (GWAUNG-jo) or _Canton_ or _Kuang-chou_ or _Kwangchow_

2. Identify the author from works, 30-20-10

30. _An Unsocial Socialist_ ; _The Intelligent Woman's Guide to Socialism and Capitalism_

20. _The Man of Destiny_ ; _You Never Can Tell_ ; _Byron Cashel's Profession_ ; _Mrs. Warren's Profession_

10. _Pygmalion_ ; _Man and Superman_ ; _Major Barbara_

Answer: George Bernard _Shaw_

3. Identify the World War II Eastern Front Battles FTPE.

a. This battle, lasting from August 1942 to February 1943 marked the turning point of the war in the east. Its namesake city was destroyed, but the Soviet counterattack destroyed the entire German 6th army and part of the 4th.

Answer: _Stalingrad_

b. Germany's last major offensive on the Eastern front, this battle of the summer of 1943 was the largest tank battle in history. The German thrusts were stopped at Ponyri Station and Prokorovka.

Answer: _Kursk_

c. This failed Soviet offensive of early 1942 is also known as Izyum bulge. However, it is better known by the large city in northeastern Ukraine near which it was fought, the capital of the Ukrainian S.S.R. before it was moved to Kiev.

Answer: _Kharkov_

4. FTPE identify these computer games that consist primarily of shooting people.

a. You play Gordon Freeman, a research associate with a spiffy orange suit who must clear out the alien infestation of the Black Mesa research facility while dodging Marines that want to kill you.

Answer: _Half-Life_

b. You are a marine whose pod crash lands on the alien planet of the Stroggos and you must single-handedly destroy the Stroggos and save humanity.

Answer: _Quake II_

c. You are a prisoner who crash lands on the planet Na Pali, whose inhabitants you decide to help against the evil Skaarj.

Answer: _Unreal_

5. Identify these places in Egypt, FTPE.

a. When the High Aswan Dam was completed, this lake formed behind it, necessitating the removal of several ancient Egyptian sites.

Answer: Lake _Nasser_

b. The part of the Saharan desert that makes up most of western Egypt is known by this name.

Answer: _Libyan_ Desert

c. This depression of salt lakes and marshes is found in the northwestern part of the country.

Answer: _Qattara_ depression

6. Given the three members of Greek mythological group, identify the group FTPE.

a. Clotho, Atropos, Lachesis

Answer: The _Fates_

b. Thalia, Aglaia, Euphrosyne

Answer: The Three _Graces_

c. Tisiphone, Alecto, Megaera

Answer: The _Furies_

7. Name the president from a brief anecdote, FTPE.

a. A woman came up to him at a receiving line and gushed, "Mr. President, you must talk to me! I made a bet that I could get you to say three words to me tonight." He replied, "You lose."

Answer: Calvin _Coolidge_

b. After being told he had missed the last train, he persuaded another train to make a special stop for a "large party." He got on and told the conductor, "I am the large party. You may continue."

Answer: William Howard _Taft_

c. While touring a military base, a young officer told him that his helicopter was in the other direction. He replied, "Son, they're all my helicopters."

Answer: _L_yndon B. _Johnson_

8. Name the ancient Greek sculptor from a description, FTPE.

a. Living from around 490 to 430 BC, he worked mainly in bronze and is noted for his sculptures of athletes. Copies of his Discobolus and Athena and Marsyas have survived.

Answer: _Myron_

b. A contemporary of Myron, this sculptor worked mainly in marble. Though also known for Aphrodite of Cnidus, he is especially noted for his satyrs, one of which is the marble faun of the Hawthorne story.

Answer: _Praxiteles_

c. He was commissioned by Pericles to do a group of Athenian heroes with Miltiades at the center as well as the statue of Athena in the Parthenon. His masterpiece, the statue of Zeus at Olympus is considered one of the Seven Wonders of the Ancient World.

Answer: _Phidias_

9. Identify these carbonyl groups from description, FTPE

a. An oxygen is double-bonded to a carbon, which in turn is single bonded to two other carbons.

Answer: ketone

b. An oxygen is double-bonded to a carbon, which in turn is single bonded to one other carbon and one chlorine.

Answer: acid chloride

c. An oxygen is double-bonded to a carbon, which in turn is single bonded to one other carbon and one other nitrogen.

Answer: amide

10. Given leaders, name the Crusade they were involved with, FTPE.

a. Richard the I of England, Philip II of France, Frederick Barbarossa

Answer: Third Crusade

b. Raymond of Toulouse, Godfrey of Bouillion, Robert of Flanders, Bohemund of Otaranto

Answer: First Crusade

c. Tibald of Champagne, Enrico Dandolo

Answer: Fourth Crusade

11. Identify these classics of Chinese literature, FTPE.

a. It was written during the Ming dynasty by Wu Chengen and relates the story of Xuanzang (Shwaun-zang), or Tripitaka and his companion the Monkey King, as they travel to India.

Answer: Journey to the West (accept Xiyouji)

b. Also written during the Ming period, this novel tells the story of a band of Bandits in the Shandong peninsula.

Answer: The Water Margin or All Men are Brothers (accept Shuihuzhuan)

c. This novel of the Qing dynasty details five generations of the same family of officials in Beijing.

Answer: The Dream of the Red Chamber (accept Hung-lou Meng)

12. FTPE given a term from psychology, give the person who originated it.

a. archetype

Answer: Carl Jung

b. birth trauma

Answer: Otto Rank

c. sibling rivalry

Answer: Alfred Adler

13. On February 16th, a new round of peace talks started to end a 17-year old civil war. Answer the following questions about it, FTPE.

a. Name the Asian country where the Tamil Tigers are fighting for a separate Tamil homeland.

Answer: Sri Lanka

b. Identify the majority ethnic group in Sri Lanka.

Answer: Sinhalese

c. The peace talks were being mediated by Knut Vollebaek, the Foreign Minister of what European country?

Answer: Norway

14. Given a work, identify the ancient philosopher who wrote it, FTPE.

a. Enneads

Answer: Plotinus

b. Encheridion

Answer: Epictetus (prompt on Arrian who compiled it)

c. Menexenus

Answer: Plato

15. Name the phylum, 30-20-10

30. Class monoplacophora is closest to its hypothetical common ancestor. Many members have both trocophore and veliger larvae.

20. This phylum includes cephalopods, considered to be the most intelligent invertebrates.

10. Common members of this phylum include snails and clams. Its name means soft-body.

Answer: Mollusca or Mollusks

16. Identify the following characters from Faulkner's The Sound and the Fury, 5-10-15.

5. The family idiot from whose perspective the first part of the book is written.

Answer: Benjy or Maury

10. The family's servant from whose perspective the last part of the book is written.

Answer: Dilsey

15 Caddy's illegitimate daughter.

Answer: Quentin

17. Name the composer given works, 30-20-10

30. Las Agachadas ; An Outdoor Adventure ; Statements

20. Quiet City ; Our Town ; The Red Pony

10. Fanfare for the Common Man ; Appalachian Spring

Answer: Aaron Copland

18. Give the following terms from graph theory, FTPE.

a. The name for a graph in which an edge connects each vertex to every other vertex.

Answer: _complete_ graph

b. The name for a path that traverses every edge once and only once.

Answer: _Eulerian_ path

c. The name for a directed graph which, with edge directions removed, is connected and acyclic, in which every vertex v except one has indegree one. The remaining has indegree zero.

Answer: _tree_

19. Identify these dead Chinese communists, 5-10-15

5. Premier from 1949 to 1976, he was a consistent moderating influence on Mao, especially during the Cultural Revolution, as well as instrumental in opening relations between the PRC and the United States.

Answer: _Zhou_ Enlai

10. Defense minister and Mao's heir apparent during the Cultural Revolution, he compiled the Little Red Book, but died in mysterious circumstances in 1971.

Answer: _Lin_ Biao

15. Mao's heir apparent before Lin Biao, he was the Chinese Communist Party's chief theoretician, writing _How to be a Good Communist_. He was the most prominent victim of the Cultural Revolution.

Answer: _Liu_ Shaoqi

20. Identify the following relating to the recent elections in Iran, FTSNOP.

a. Five points apiece, name both Iran's reformist president and its hardline Ayatollah.

Answer: Mohammed _Khatami_ and Ali _Khomeini_

b. For ten points, give the name of Iran's parliament.

Answer: _Majlis_

c. For a final ten points, name the former reformist Interior minister and Khatami supporter who was impeached and is now serving a five year prison sentence.

Answer: Abdollah _Nouri_

Given an astronomical object, identify what object class it belongs to,
5-10-15

5 Ceres

asteroid or _minor planet_

10 Crab Nebula

Supernova remnant

15 Omega Centauri

Globular Cluster

Terms from economics given a definition, give the term, ten points each.

The condition where all other things are held equal except the variable to be studied.

ceteris paribus

A curve that represents combinations of two inputs that result in the same total number of output.

isoquant

Returns on the operation of capital over and above the costs of operating that capital.

rent

Identify these late medieval painters, 5-10-15.

5 The most important Italian painter of the 14th century, he is noted for his realistic portrayals of human figures that presage the Renaissance. Important works include the fresco cycle depicting the lives of Mary and Jesus at the Scrovegni chapel in Padua and two fresco cycles in the Church of Santa Croce, Florence.

Giotto di Bondone

10 - Thought to be Giotto's teacher, he broke with the formalism of Byzantine Art and his principal works include Crucifix and Madonna and Child Enthroned as well as a mosaic of Saint John in Pisa Cathedral.

Cimabue or Bencivieni _di Pepo_

15 - Giotto's principal student, he essentially followed Giotto's style with such works as Last Supper, Tree of Life and Madonna and Child Enthroned, with Saints.

Taddeo _Gaddi_