

Georgia Tech I - IQ's for 1990 U.S. Open
at Georgia Tech - February 23, 24 1990

1. As the secretary of the Earl of Shaftsbury he drew up a Constitution for the Carolina colony in 1669. A lecturer in Greek, rhetoric, and philosophy at Oxford, in his most famous treatise he set forth the concept of the infant mind as a blank slate and established the principles of empiricism. For 10 points, identify this author of An Essay Concerning Human Understanding.

Answer: John Locke

2. The first achieved the throne after defeating Magian Gomatates, the second was the illegitimate son of Artaxerxes, and the third was defeated by Alexander the Great at Grancius, Issus, and Gaugamela. For 10 points, give the common first name of these rulers of the Achaemenid dynasty of Persia.

Answer: Cyrus

3. Its cause is unknown although slow viruses, abnormal allergy to viruses, and abnormalities of fat are suspected. For 10 points, identify this disease of the brain and spinal cord in which myelin is destroyed by plaques of inflammation.

Answer: multiple sclerosis (ask for more info on M.S.)

4. The San Francisco 49ers just won the Superbowl in the rookie season of their head coach George Seifert - the first such occurrence in the last 19 years. For 10 points, what was the last team to do so when under Don McCafferty, it defeated the Dallas Cowboys 16-13 on a last second field goal by Jim O'Brien in Superbowl V.

Answer: Baltimore or Colts

5. Written in the 1520's this work is almost certainly derived from the Dutch Elckerlijc. In it the title character is summoned by Death and in his last hour discovers that his friends Fellowship, Kindred, Cousin, and Goods will not accompany him. Instead, he is dependent on the support of the previously neglected Good Deeds. For 10 points, identify this most famous of the English morality plays.

Answer: Everyman

6. An ardent Republican, he was sentenced to six months imprisonment in 1832 for his representation of Louis Phillipe as "Gargantua swallowing bags of gold extorted from the people." He is said to have made over 4,000 lithographs, wishing each time that the one he just finished could be his last. For 10 points, identify this 19th century French caricaturist and artist of "Third Class Carriage."

Answer: Honore Daumier

7. You stick out one foot and pretend you are stubbing out a cigarette with your big toe. At the same time you move your hands and body as if you were drying your back with a towel. Probably in existence since 1955 when the song was released by Hank Ballard, it gained worldwide notice in 1961, the year after Chubby Checker's version. For 10 points, name this dance craze and song.

Answer: the Twist

8. In its liquid form it is used as a refrigerant in the 25 to 40 K ranges and is added to liquid hydrogen bubble chambers to provide a better particle target. The earliest of the noble gases to be employed in discharge tubes, for 10 points, identify this element with atomic number 10.

Answer: neon

9. His From the Diary of a Snail alludes to his socialist leanings and support of Willy Brandt's 1960 election campaign. His 1978 novel, The Flounder, spans 4,000 years of history and takes a satiric look at men's treatment of women through the ages. For 10 points, name the Danzig-born German novelist and dramatist who is most famous for his anti-war novel The Tin Drum.

Answer: Gunter Grass

10. Its traditional capital is Cluj, which is called Napoca by its Hungarian minority. Defined roughly by the Tizsa River in the west, the Carpathians in the north and east, and another mountain range in the south, for 10 points, name this region which, along with Wallachia, makes up the nation of Romania.

Answer: Transylvania

11. Its independent agencies include the Coast and Geodetic Survey and the Weather Bureau. Set up in 1970, its specific aims are the investigation of potential resources, the monitoring and control of pollution, and the study of weather control techniques. For 10 points, identify this Federal agency or its abbreviation.

Answer: National Oceanic and Atmospheric Administration or N.O.A.A. (pronounced Noah)

12. A turbine in a power plant is turning at a rate of 3600 RPM. For 10 points, in Hertz, what is the frequency of the electricity generator attached to the turbine?

Answer: 60 Hertz

13. For the past several years it has lead U.S. charitable foundations with contributions totalling over \$180 million annually. With Assets over \$5 billion, it is by far the largest such institution in the U.S. For 10 points, identify this philanthropic organization that provided the seed money that led to the creation of America's public television network.

Answer: the Ford Foundation

14. Born in 1938, she was for some years a professor of English literature at Detroit, a city which provides the setting for much of her work. Though her first work, By the North Gate is a collection of short stories, she is better known for her novels, which portray extremes of human passion and hint at the neo-Gothic. For 10 points, identify this author of A Bloods Moor Romance, Wonderland, A Garden of Earthly Delights, and them.

Answer: Joyce Carol Oates

15. When Prince Max von Baden became chancellor in 1918, this man demanded that Germany ask for an armistice. He was dismissed from the army and fled to Sweden. Returning in 1919, he took part in the ultranationalist Kapp putsch of 1920 and in Hitler's Beer Hall Putsch of 1923. For 10 points, identify this man who served during World War I as Field Marshall Hindenburg's Chief of Staff.

Answer: Erich Ludendorff

16. The ruling party of this African nation has begun construction of what, at 60 stories, will be Africa's tallest building. The site chosen is near the capital's Uhuru Park and will feature a four story statue of current President Daniel arap Moi. For 10 points, identify this African nation with its capital at Nairobi.

Answer: Kenya

17. Originally erected at the temple of Ra at Heliopolis by Thutmos III around 1500 B.C. around 13 B.C. they were removed to Alexandria where they were found. Standing about 69 feet high, one is now located in Central Park while the other is situated on the Thames Embankment in London. For 10 points, identify these famed "twin" obelisks.

Answer: Cleopatra's Needles

18. In L'Mort d'Arthure he is the king of the Orkneys who fathers Gaveth, Gaheris, Aggravaine, and Gawain. In the Old Testament, he is the son of Haran who accompanies his uncle Abraham into Canaan and divides the land with him. For 10 points, identify this inhabitant of Sodom who was spared destruction but lost his wife when she was turned into a pillar of salt for viewing the end of her former residence.

Answer: Lot

19. It utilizes two constants characteristic of the gas under examination, the universal gas constant, pressure, volume, and temperature to describe real gases under a far greater range of circumstances than does Boyle's Law. For 10 points, identify this equation named after its discoverer, the winner of the 1910 Nobel Prize in Physics.

Answer: van der Waals' Equation

20. It was modified in 1933 to permit the sale of 3.2 per cent beer and wine, but in its original form, passed over the veto of President Wilson, it defined an intoxicating beverage as one that contains more the .5 per cent alcohol. For 10 points, identify this 1919 federal act that provided for the enforcement of the provisions of the 18th amendment.

Answer: Volstead Act

21. Formed by the 1832 merger of the towns of Port Lawrence and Vistula, both on the mouth of the Maumee River, it is now the second largest port on the Great Lakes. Known to some as the "Glass Capital of the World," for 10 points, what is this city, the primary point of contention in an 1835-36 "war" between Ohio and Michigan that is named for a famous Spanish city.

Answer: Toledo

22. Born in Fort Monroe, Virginia in 1895, he graduated from West Point in 1917. In 1942, he became the first commander of the newly formed 82nd airborne division and led it during the invasions of Sicily and Normandy. In 1950, he took command of the Eighth Army. For 10 points, who was this general who gained his fourth star in April, 1951 when he became Supreme Commander of U.S. Forces in Korea.

Answer: Matthew Ridgeway

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1. (30 points) Identify these twins from English literature.
 1. For 5 points each, identify the first names of the two pairs of twins in Shakespeare's The Comedy of Errors.
Answer: Antipholus and Dromio
 2. For 5 points each, give the first name of the fraternal twins in Shakespeare's Twelfth Night.
Answer: Sebastian and Viola
 3. For 10 points, give the last name of twin brothers Charles and Edward in Charles Dickens' Nicholas Nickleby.
Answer: Cheeryble
2. (30 points) 30-20-10 Identify this composer.
 1. His operas include "The Rape of Lucretia," and "Albert Herring."
 2. Robert Shaw and the Atlanta Symphony Orchestra and Chorus just won a Grammy for the third year in a row for a recording of his "War Requiem."
 3. A 20th century British composer, one of his most popular works is "The Young Person's Guide to the Orchestra."
Answer: Benjamin Britten
3. (30 points) The recent nomination of Oliver Stone's "Born on the Fourth of July" has brought a lot of attention to the radical movements of the 1960's - many of which centered around college campuses. For 10 points each, answer the following questions about the student movements in the sixties.
 1. His One-Dimensional Man was addressed to the affluent boredom and guilt of the American student population. For 10 points, identify this inspiration to student radicals who believed that they and the dispossessed poor were the only hope for revolution in the capitalist societies.
Answer: Herbert Marcuse
 2. One of the early opponents of the Vietnam War, it was the main organization of the campus-based radical movement of the New Left. By the end of the 1960's it was an avowedly revolutionary organization. Around 1970 the radical wing of the movement broke away and formed the Weather Underground.
Answer: S.D.S. or Students for a Democratic Society
 3. This statement was issued in June 1962 by members of S.D.S. at a convention in Michigan. It contained a lengthy declaration of principles that helped shape the New Left for the next five years. For 10 points, identify this landmark document calling for participatory democracy, anti-authoritarianism, and individualism that was named after the Michigan city where it was formulated.
Answer: Port Huron Declaration
4. (30 points) 30-20-10 Identify these things.
 1. They were first employed in aid of science in 1749 by Alexander Wilson and Thomas Melville of Scotland who used them to elevate thermometers to measure temperatures above the earth's surface.
 2. They share their name with any of a group of about 25 species of the hawk family of slender form, medium size, and graceful buoyant flight.
 3. They are recreational aircraft consisting of a light frame covered with thin fabric and tethered to a long line.
Answer: kite

5. (30 points) 30-20-10 Give the common name.

1. It is the first name of a space explorer in the 22nd century's "Star Command." The show first appeared as one segment of Tarzan and the Super 7 in the 1978-79 season on CBS. Characters on the show, named after its hero include The Commander, portrayed by James Doohan of Star Trek Fame, the villain Dragos, and Peepo the robot.

2. It is the name of the selfish and mean-spirited member of the Compson family who narrates the third part of William Faulkner's The Sound and the Fury.

3. In Greek mythology, it was the name of the rightful heir to the throne of Iolcus who was kept from the throne by Pelias. He married the daughter of Aeëtes, King of Colchis and ruled there for many years. He was killed when the prow of his old ship fell on him.

Answer: Jason

6. (30 points) Economists call a product or service which undergoes an increased quantity demand when consumer's real income increases a "normal good." For 10 points, provide the economist's terms for these other types of goods.

1. A good for which the real quantity demanded decreases in response to an increase in consumer's real income.

Answer: inferior good

2. A good that can be consumed by one person without noticeable effect on the amount others can consume.

Answer: public good

3. A good for which the quantity demanded is directly related to price.

Answer: Giffen good

7. (30 points) Identify the following terms associated with natural planetary satellites for 10 points each.

1. First, what is the term given to the fraction of total incident radiation reflected by a planet or satellite?

Answer: albedo or bond albedo

2. Now, after what scientist are the five equilibrium points in a satellite's orbit named?

Answer: Lagrange

3. Finally, what name is given to a satellite's surface layer of rocky debris created by meteorite impacts.

Answer: regolith

8. (30 points) Identify the following crusades for 10 points each. Hint, they may have a name and not a number.

1. Proclaimed in 1208 by Innocent III and led by Simon de Montfort, among others, it wiped out a substantial group of heretics in the Provence region of France.

Answer: Albigensian Crusade

2. Preached by Stephen of Cloyes in 1212; it never reached the Holy Land.

Answer: Children's Crusade

3. Preached by St. Bernard of Clairvoux in 1144, it was led by Conrad III and Louis VII.

Answer: 2nd crusade

9. (30 points) 30-20-10 Identify this American author from her works.

1. What Price Marriage, A Defence of Circe, and The Never-Ending Wrong (1977).
2. The Leaning Tower (1944), Hacienda (1934), and Noon Wine (1937).
3. Pale Horse, Pale Rider (1938) and Flowering Judas (1930).

Answer: Katherine Anne Porter

10. (30 points) True or false: all you have to answer to this bonus is true or false? True. You will be asked 9 questions. After you have answered three correctly you will receive five points for each succeeding correct answer. In other words you get 5 points for 4 correct, 10 points for 5, etc.

1. Rio de Janeiro is the most populous city in South America ✓

Answer: False ✓

2. The Russian Federated SSR borders Poland Answer: True ✓ ✓

3. The island of Socotra in the Indian Ocean is a British Possession Answer: False ✓

4. Thailand borders the People's Republic of China ✓

Answer: False ✓

5. Wellington is the most southern of all national capitals ✓

Answer: True ✓

6. The New Hebrides Islands are now known as Vanuatu ✓

Answer: True ✓

7. British Columbia is the largest province of Canada ✓

Answer: False ✓

8. Guinea borders the Ghana Answer: False ✓

9. Rouen was the capital of the former French region of Champagne ✓

Answer: False ✓

11. (30 points) Almost every religion or mythology contains reference to a place where the evil dead go to receive their punishment in the afterlife. For 10 points each, identify these three.

1. In Greek mythology, it was the infernal region in which Zeus imprisoned the Titans. Other famous inhabitants were Ixion, Tantalus and Sisyphus.

Answer: Tartarus

2. Literally "mist-home" it is the region of endless cold and everlasting night ruled by the goddess Hela in Norse myth.

Answer: Niflheim

3. In Hindu mythology, it is a hell of twenty-eight divisions.

Answer: Naraka

12. (30 points) Identify these U.S. territorial governors for 10 points after the first clue, 5 points after the second.

1. a) He was territorial governor of Arizona from 1878 to 1883. His writings include Report of the Exploring Expedition to the Rocky Mountains (1845).

b) He was the unsuccessful Republican candidate for the presidency in 1856.

Answer: John C. Fremont ✓

2. a) He was governor of New Mexico territory from 1878 to 1881. Prior to this he headed the military court which convicted the superintendent of Andersonville Prison of cruelty.

b) He wrote The Fair God and Ben Hur.

Answer: Lew(is) Wallace

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3. a) He served as the first governor of the Indiana territory from 1800 to 1812.

b) He was one of several sectional Whig candidates who challenged Martin Van Buren in 1836. He lost the election but had a strong showing with 73 electoral votes.

Answer: William Henry Harrison

13. (30 points) Answer the following questions about Ivory Coast.

1. The U.S. recognizes Abidjan as the capital of Ivory Coast, for 5 points, what city is officially the capital of that nation?

Answer: Yamoussoukro

2. For 5 points each, what five nations border the Ivory Coast?

Answer: Mali, Burkina Faso, Guinea, Liberia, and Ghana

14. (25 points) It is a 1962 novel satirizing the pedantry and sterility of academic scholarship. It features a 999 line long poem, the last work of the American poet John Shade and the insane commentary written by a demented scholar who fancies himself to be king of the mythical country of Zembla. For 15 points, identify this work?

Answer: Pale Fire

2. For 10 additional points, who wrote Pale Fire?

Answer: Vladimir Nabokov

15. (25 points) Wonderful Life is a recent best-selling work of popular science that deals with the origin of life and a myriad of creatures weeded out by natural selection.

1. First, for 10 points, identify the MacArthur Fellow and Harvard biology and geology teacher who wrote Wonderful Life.

Answer: Stephen Jay Gould

2. The book is based on the discovery by Dr. Charles Wolcott of a small limestone quarry in the Canadian Rockies that contains the remains of an ancient sea that nurtured more varieties of life than can be found in all our oceans. For 15 points, identify this wonderful rock.

Answer: the Burgess Shale

16. (30 points) 30-20-10 Identify this film.

1. Based on a John Steinbeck story, it starred Tallulah Bankhead as Constance Porter, a rich American journalist who is stripped of her possessions as the film progresses.

2. Alfred Hitchcock appears twice: once as a dead body and later as the "before" picture in a newspaper diet ad.

3. As the movie opens, a ship is sinking after being torpedoed by a German sub.

Answer: Lifeboat

17. (30 Points) An architecture bonus in two parts.

1. He was born in Rio de Janeiro in 1907 and was one of the most talented of a group of Brazilian architects who came to prominence in the 1930's and 1940's. His principal fame lies in his most flamboyant creation, the city of Brasilia, which he designed from 1956 to 1963. For 20 points, identify this Brazilian architect.

Answer: Oscar S.F. Niemeyer

2. Niemeyer and his contemporaries were profoundly influenced by a European architect who was invited to design the new offices of the Ministry of Education. For 10 points, identify this naturalized French architect who wrote Towards a New Architecture.

Answer: Le Corbusier or Charles-Edouard Jeanneret

18. (40 points) This bonus can be worth 40 points if you know your animal taxonomy. Given an organism, you may either identify its class for 10 points or its phylum for 5 points. There are four organisms and you must decide now which answer you will give - class for 10 or phylum for 5.

1. fluke Answer: class - Trematoda phylum - platyhelminthes

2. coral Answer: class - Anthozoa phylum - coelenterata
(accept cnidaria)

3. scorpion Answer: class - Arachnida phylum - arthropoda

4. shark Answer: class - chondrichthyes phylum - chordata

19. (25 points) A Greek prose writer of the 2nd century A.D., in later life he held a government post in Egypt. His The True History, a fantastic tale parodying incredible adventure stories influenced such later writers as Rabelais and Swift while his Dialogues of the Dead and Dialogues of the Gods treat ancient mythology. For 25 points, name this ancient satirical master.

Answer: Lucian

20. (30 points) Identify the members of these trios from U.S. diplomatic history for 5 points each.

1. First, for five points each, name the three American ministers involved in the XYZ Affair.

Answer: John Marshall, Elbridge Gerry, and C(harles) C(otsworth) Pickney

2. 5 points for one, 15 points for two - Name the U.S. Ministers to France, Spain, and Great Britain who jointly issued the Ostend Manifesto.

Answer: Pierre Soule, John Y. Mason, and James Buchanan