# Every Man For Himself I - 2000 <br> Seeding Round 2 

1. It determines the poles of a closed-loop system if given the poles and zeros of the corresponding open-loop system. The number of asymptotes it has in the complex plane is the difference between the number of poles (each represented by an X ) and the number of zeros (each represented by an O ). For 10 points--identify this type of engineering graph.
Answer: root locus plot
2. He was teaching college in eastern France and revising the works of Ptolemy when he found a collection of letters from Florence titled Nuovo Mundo. Impressed by the letters, which stated that Amerigo Vespucci had discovered the New World, he made a new wood block map with the name "America" on what is now the continent of South America. For 10 points--name this 16th-century German cartographer.
Answer: Martin Waldseemüller
3. In its prologue, three men are forced to help carry the body of Queen Kukachin back to China. Kukachin has died from her unrequited love of the title character, who drops her off in Persia on his way home to Venice, where he marries his sweetheart Donata and lives happily ever after on the riches he earned as a merchant. For 10 points--name this Eugene O'Neill play that also features Kukachin's grandfather Kublai Khan.
Answer: $\quad$ Marco Millions (prompt on "Marco Polo")
4. At 300 pounds, he needed a lot of help just to get onto his mare, which he always rode instead of a stallion. But after he died, his family wanted this military man's statue, made from cannon used in the Mexican War, to portray him on a stallion instead. For 10 points--name this general whose statue stands on 16th Street in Washington D.C., in the middle of the traffic circle that bears his name.
Answer: Winfield Scott
5. The Rayleigh-Jeans law describes the intensity of blackbody radiation at a fixed temperature as a function of frequency. But the law only works at low frequency: at high frequency, the calculated intensity continues to infinity even though experiments show that the intensity peaks and then decreases. For 10 points--give the twoword term commonly used to describe this difference between the math and the laboratory.
Answer: ultraviolet catastrophe
6. They first won the College World Series in 1948 over George Bush's Yale team. From 1970 to 1974, they won five straight World Series with teams that included future major leaguers Steve Kemp, Dave Kingman and Fred Lynn. For 10 points--what school's most recent Series win came in 1998, 20 years after its last championship under coach Rod Dedeaux [DAY-doh]?
Answer: University of Southern California (or USC)
7. Its followers subscribe to the slogan "To the things themselves" and are dedicated to describing the structures of experience as they present themselves to consciousness. Its most important works include Logical Investigations by Max Scheler and Cartesian Meditations by the school's founder, Edmund Husserl. For 10 points--name this 20th-century philosophy that describes the structure of everydayness in works like Heidegger's Being and Time.
Answer: phenomenology
8. Its author wrote, "Not only [its] title, but the plan and a good deal of the incidental symbolism were suggested by Miss Jessie L. Weston's book on the Grail Legend." According to him, "Just as the one-eyed merchant, seller of currants, melts into The Phoenician Sailor, and the latter is not wholly distinct from Ferdinand, Prince of Naples, so all the women are one woman, and the two sexes meet in Tiresias." For 10 points--name this 1921 poem whose sections include Death by Water, The Fire Sermon, and The Game of Chess.
Answer: $\quad$ The Waste Land (by T.S. Eliot)
9. After he died, his physician took his heart and preserved it at his house. More than 200 years later, after the heart had stayed a while with the Archbishop of Paris, it was finally examined by DNA testing in April 2000 and found likely to belong to-- for 10 points--what French king and son of Marie Antoinette who died of tuberculosis at age 10 ?
Answer: Louis XVII (or Louis-Charles Capet)
10. The British military still reports occasional sightings of their only native animal, the Warrah, though it officially became extinct in 1876. Most of their income now comes from fish, a difference from 1982 when wool was the main product. For 10 points-identify these South Atlantic islands where a War Memorial now stands in the capital city of Stanley.
Answer: $\quad$ Falkland Islands (or Malvinas)
11. Even though the University of Maryland's Web tutorial on the subject is only two-dimensional, it can be used in three dimensions to rotate the coordinates being used and re-calculate an object's maximum stresses or strains in the rotated state. For 10 points--identify this "round" tool named for a German engineer.
Answer: Mohr's circle
12. He literally made a federal case out of the national tax on carriages, but he had to pay it anyway after the Supreme Court treated it as an "excise" tax and not as a "direct" tax, which would have been unconstitutional. For 10 points--name either this Virginian or his case that became the first-ever Supreme Court review of the constitutionality of an act of Congress.
Answer: Hylton v. U.S.
13. This son of a noble family spent part of his youth as a high-ranking hostage in the court of Rugila, where he became a companion of Attila the Hun. In 451, he pulled together an army that included Franks, Visigoths, and Britons and met his old friend at the Battle of Campus Mauriacus just west of Troyes. For 10 points--name this Roman commander who served as second-in-command under Valentius III from 433 to 454.
Answer: Flavius Aetius
14. Though illiterate, he was taught the Bible and became so legendary for his poetic ability that he was called "the Anglo-Saxon Milton". For 10 points--name this British monk of the Middle Ages credited with writing the story of Genesis and Exodus in a work called Paraphrase.
Answer: Caedmon
15. Maeve invaded Ulster to steal a Brown Bull so she would be equal in wealth to her husband, Aillil, who owned the White-horned Bull. Cúchulain [COOL-in] defended Ulster single-handedly because the Ulster warriors were afflicted by the Curse of Macha. Maeve brought the Brown Bull back to Connacht, where the White-horned Bull saw it and they both ended up dead. This is all contained in--for 10 points--what epic that has been called the "Iliad of Ireland"?
Answer: $\quad$ The Cattle Raid of Cooley
16. It says that in electrophilic attacks on a double bond, the positive part of the reagent always goes to the carbon that has more hydrogens. For example, when hydrogen bromide is added to an alkene, the hydrogen attaches to the least-substituted end of the alkene. This is just one example of--for 10 points--what rule named for a Russian organic chemist?
Answer: Markovnikov's rule
17. Russia agreed to the recognition of the Grand Duchy of Warsaw and to a secret alliance with Napoleon against Great Britain. Prussia relinquished to Napoleon the territories between the Rhine and the Elbe. These were among the results of --for 10 points -- what 1807 treaty signed after the Battle of Jena that was negotiated on a raft in the Niemen River?
Answer: $\quad$ Treaty of Tilsit
18. With two c's, it is the name of a tool that estimates the time needed to complete a software project. Spelled instead with two k's, it is the nickname of jazz guitarist James Arnold, the home to the City of Firsts Automotive Museum, and a Beach Boys hit from the 1988 Tom Cruise movie Cocktail. For 10 points--give this six-letter word that is also a city in Indiana.
Answer: Kokomo
19. It was made into a 1928 movie that starred Conrad Veidt as both the title character and his father. The perverse duchess Josiana is attracted by Gwynplaine's deformity, but he falls in love with the blind girl Dea and commits suicide after she dies. For 10 points--name this 1869 Victor Hugo story of a man whose face was deliberately disfigured during childhood.
Answer: $\quad$ The Man Who Laughs (or L'homme qui rit)
20. He studied under Thomas Eakins, taught at Clark University, and eventually moved to Paris, where he did a portrait of Booker T. Washington. With the help of department-store magnate Rodman Wanamaker, he traveled through the Middle East and later painted Biblical works like Daniel in the Lions'Den and The Resurrection of Lazarus. For 10 points--name this first African-American artist to be elected to the National Academy of Design. Answer: Henry O. Tanner
21. In June 1932, he fled to Europe, but the U.S. voided his passport and cut off his pension. Taken off a Greek ship two years later in Turkish waters and extradited back to America, this former assistant to Thomas Edison was finally acquitted of fraud and embezzlement charges stemming from the Depression-related collapse of his financial empire. For 10 points, name this one-time king of the Chicago utility and transit systems.
Answer:
Samuel Insull
22. Unusual versions of this 1968 invention credited to Doug Engelbart include one that is foot-controlled, one for left-handers, and one that uses an LED and photocells instead of a rubber ball. For 10 points--name this computer peripheral that is now even available in a tailless version, called a "hamster."
Answer: mouse
23. When his first novel Heyday appeared in 1953, he left the faculty at the University of Colorado and returned to live near Princeton, his alma mater. His second novel was not published until 1978 but was followed by three more before his death, each discussing a love triangle with one or more members married to someone outside the triangle. For 10 points--name this author of A Difference of Desire and An Armful of Warm Girl. Answer: William M. Spackman
24. Although it made big money with its "absorption refrigerator" in the 1920s, its English-speaking business was saved only after someone realized the problem with their intended vacuum-cleaner ad: "Nothing sucks-like" one of these. For 10 points--identify this conglomerate that owns American firms Tappan, Frigidaire, and Poulan Weed-Eater and its fellow Swedish firm Husqvarna.
Answer: Electrolux
25. Established by the Mandinka around 1200 , it became the first great Muslim state south of the Sahara and took control of the gold and salt trade that had been monopolized by Ghana. Its most famous ruler was Mansa Musa, whose splendid 1324 pilgrimage to Mecca glutted Middle Eastern gold markets. For 10 points--name this empire whose collapse gave rise to the Songhay Empire and gave its name to a modern African nation.
Answer: Mali
26. Its 21 original episodes feature the Department of Administrative Affairs, where Bernard Woolley has to balance loyalty between his boss and his boss's permanent secretary. Its 1984 finale showed Bernard and its two other main characters being promoted to the top of their country's government. For 10 points--identify this British sitcom named for the line most often said by Sir Humphrey Appleby to his boss, Parliament Member Jim Hacker. Answer: Yes, Minister
27. The hydroxides of metals like lead, chromium, tin and zinc can all be described by this term, as can plain ordinary water. For 10 points--give this chemical term used to describe substances that, depending on what they're mixed with, can react either as an acid or as a base.
Answer: amphoteric
28. When his nation's fellow authors learned of his impending nomination for a Nobel Prize, they slandered him so badly that he could never win. But after his death, he received a statue in Madrid's Retiro Park as tribute to his works that include the 50 -volume Episodios Nacionales and his 1886 work Fortunada y Jacinta [for-too-NAHtha ee ha-CEEN-ta]. For 10 points--name this Spanish author often considered second only to Cervantes.
Answer: Benito Perez Galdós
29. A mine-layer ship named for this body of water was torpedoed by a German U-boat in 1915. A bridge over this Russian river received a gold medal at the 1900 Paris Exhibition. For 10 points--what river serves as the watershed between eastern and western Siberia, goes through the city of Krasnoyarsk (cross-na-YARSK), and drains Lake Baikal?
Answer: Yenisey
30. The Ghosts of Versailles, commissioned by the Metropolitan Opera for its centennial. Music for the film Altered States. A Dylan Thomas Trilogy. The AIDS cantata Of Rage and Remembrance. All of these were written by --for 10 points--what American composer whose score for the movie The Red Violin won the 2000 Oscar for Best Original Score?
Answer: John Corigliano
31. He was the first trapeze artist to execute a midair somersault and the subject of the old song The Daring Young Man on the Flying Trapeze. Before his death of smallpox at age 28, he proclaimed that performers should wear "a more natural garb that does not hide [their] best features" and designed clothing to show off his own muscles. For 10 points--name this 19th-century Frenchman whose last name still describes a very tight-fitting onepiece garment often worn by performers.
Answer: Jules Leotard
32. Led by Walther von Lüttwitz [VOLL-ta fone LERT-vitz], a group of monarchists seized government buildings, drove the President out of the capital, and tried to install the event's namesake as the country's new Chancellor. But the coup collapsed because of a strike, even though left-wingers in Saxony and Thuringen tried to turn the strike into a full-scale revolution. For 10 points--name this failed German military action that lasted for four days in March 1920.
Answer: Kapp Putsch
33. Defined as "a closed box composed of three pairs of rectangular faces placed opposite each other and joined at right angles to each other", two examples of it in three dimensions are a cube and a shoebox. For 10 points--give the 14-letter word for this figure of solid geometry that is also defined as "a six-faced polyhedron, all of whose faces are parallelograms lying in pairs of parallel planes."
Answer: parallelepiped
34. His journalism degree and public affairs experience has helped him in interviews with both Larry King (where, unlike many religious leaders, he did not directly slam Bill Clinton for adultery) and Mike Wallace, who wrote the introduction to his new book Standing for Something: Ten Neglected Virtues That Will Heal Our Hearts and Homes. For 10 points--name this current President of the Church of Jesus Christ of Latter-Day Saints. Answer: $\quad$ Gordon B. Hinckley
35. Black Jade dies of sadness after discovering that this hero is actually engaged to Pervading Fragrance. He passes the Provincial Examinations but ends up as a monk. For 10 points--name this main character of the Chinese novel Dream of the Red Chamber.
Answer: Pao-Yu
36. Paul, played by Richard Dreyfus, has practiced his whole life for it but doesn't count on falling in love with Heidi, played by Amy Irving. He still expects to win it, but Heidi decides at the last minute to play Prokofiev's Third Piano Concerto--and totally smokes him. This is the plot of--for 10 points--what 1980 film named for its climactic event?
Answer: The Competition
37. Known as "the Mule Driver", this Roman emperor's last words "Oh my! I think I am turning into a god!" came after his building the Temple of Peace and his 10 years on the throne between AD 69 and AD 79. For 10 points-name this father of Domitian and Titus.
Answer: Vespasian
38. For a particle, it's the product of the mass and the square of the distance from the axis of rotation. For a solid object, this rotational analog of mass is found by calculating the integral of r squared dm. For 10 points-name this ratio of torque to angular acceleration that is usually represented by a capital I.
Answer: moment of inertia
39. Probably named after Sir Henry Percy, son of the first Earl of Northumberland, its crest contains Bruce Castle, the seven trees at Page Green, two lions, and a cockerel and a ball. It publishes media corrections "straight from White Hart Lane". For 10 points--name this British soccer club whose home stadium empties onto a street named for its current President, Bill Nicholson.
Answer: Tottenham Hotspur
40. Though his title Baron was a personal affectation, it didn't affect his ability to add streetlights and sidewalks, widen the streets, create a sewer system, add a circular railway and create parks like the Bois de Boulogne [BWA da boo-LONE]. For 10 points--name this creator of what is now much of modern Paris under Napoleon III.
Answer:
(Baron) Georges Haussmann
41. The New York Times called it a "sort of prequel to Independence Day" that suggests a "Lethal Weapon movie directed by Norman Rockwell." Its main character, Benjamin Martin, says of his circumstances, "Why should I trade [one] tyrant 3,000 miles away for 3,000 tyrants one mile away?" For 10 points--name this recentlyreleased film starring Mel Gibson as a farmer in 18th-century America.
Answer: $\quad$ The Patriot
42. Set in 1810 in a large country house, the opera The Little Sweep tells of Suffolk, England's Iken Hall, where the rich children rescue Sammy Sparrow from his apprenticeship to Black Bob and smuggle him away after he gets stuck in the chimney while at work. The opera was written by--for 10 points--what British founder of the Aldeburgh Music Festival whose other compositions include War Requiem and Peter Grimes?
Answer: Benjamin Britten
43. Its membrane separates the cystosol from the cisternal space. It detoxifies poison, metabolizes carbohydrate, and synthesizes proteins and lipids. For 10 points--name this cell transport system whose rough type contains ribosomes and whose smooth type does not.
Answer: $\quad$ endoplasmic reticulum (or E.R.)
44. Though Amenhotep I's temple is close to the Nile, his tomb is carved into the bedrock at this site opposite from modern Luxor. G. B. Belzoni discovered the tomb of Set I there in 1817, and 33 other tombs were found there over the next century, including that of Tutankhamun. For 10 points-name this burial site in use from 1570 to 1070 BC that was concealed by high cliffs and a long, narrow, winding entranceway.
Answer: Valley of the Kings
45. Once called the "Imperial City", its liberation was accomplished a block at a time by three under-strength Marine battalions, who suffered nearly 1,000 casualties. By late February 1968, it was again in non-Communist hands, almost a month after being taken by the North during the Tet offensive. For 10 points--name either the city or the ship named for the battle fought there, the only U.S. ship named for a battle in the Vietnam War.
Answer: $\quad$ Hue (or Hue City)
46. Born out of wedlock and plotted against by his own mother. Barely saved from death on a false murder charge. A poet and author who took the title "Volunteer Laureate" and got a royal pension until the death of the Queen. A profligate who finally died in the debtors' prison at Newgate. This is a quick "account of the life of" -for 10 points--what subject of a 1744 story by Samuel Johnson?
Answer: Richard Savage
47. Unlike Andy Warhol and Roy Lichtenstein, this Pop artist focused on average people. In 1960, he got his most famous idea when a student brought him material used to make casts for broken bones and he asked his wife to wrap him in it. Over the years, he assembled groups of life-sized white plaster figures in everyday situations, such as pedestrians at a crosswalk. For 10 points--name this recently-deceased sculptor whose depiction of a Depression-era bread line is installed at the FDR Memorial in Washington, D.C.
Answer: George Segal
48. Its first issue contained both an article by Arthur C. Clarke entitled "Trouble in Aquila" and an editorial by Philip Morrison on the 20th anniversary of Giuseppe Cocconi's paper "Searching for Interstellar Communications." Its second issue in March 1979 contained an editorial by Carl Sagan. For 10 points--name this astronomy magazine whose 13 issues, mostly funded through private donations, have now become collector's items.
Answer: Cosmic Search
49. One bore the title First Baron Verulam and Viscount Saint Albans, lost his Parliament seat after a bribery conviction, served as a commissioner overseeing the union of Scotland and England, and wrote a history of Henry

- VII. The second was best-known for his violent, distorted portraits, like his series of Screaming Popes and his mutilated Three Studies for a Crucifixion. For 10 points-give their common first and last name.
Answer: $\quad$ Francis Bacon (prompt if only one of these is given)

50. Paris newspapers claimed that this perfume-shop worker was murdered by a gang near water when she was really killed in the woods by her estranged boyfriend. This fictional character's death was followed soon after by the suicide of her fiancé St. Eustache. For 10 points--name this subject of a story by Poe who died about two years after the Murders in the Rue Morgue.
Answer: Marie Roget
51. After three years as an All-American at Providence, this team captain and gold-medal winner was chosen to carry the American flag at the closing ceremony of the 1998 Winter Olympics, a fitting tribute to her career that has since included a stint doing color commentary for the Los Angeles Kings. For 10 points--name this female hockey star whose brother Tony plays for the NHL's San Jose Sharks.
Answer: $\quad$ Cammi Granato
52. Its name comes from roots meaning "wealth" and "priestess". Related to the Basque "alphabet," it was well-adapted for use on sticks. Though much more common in Western Europe than in America, it can be seen in the Horse Creek Petroglyph of West Virginia. For 10 points--name this script deciphered by Colonel Charles Vallancey that is the oldest form of writing in Ireland and Scotland.
Answer: $\quad \underline{\text { Ogamic script }}$
53. In August 1970, a San Rafael, California shootout resulted in the death of Superior Court Judge Harold Haley. When investigators found that this self-admitted Communist owned the weapons used in the shootout, she fled the state and was placed on the FBI's Ten Most Wanted List. For 10 points--name this controversial UCLA professor acquitted in a 1972 trial.
Answer: Angela Davis
54. This Secret Service investigator under Ulysses Grant was a master of disguise. Called out of retirement after more than ten years, he appeared in a pair of TV movies and would likely have resurfaced on a series--if not for the death of his most famous portrayer, Ross Martin. For 10 points--name this character portrayed most recently by Kevin Kline opposite Will Smith in the movie Wild, Wild West.
Answer: Artemus Gordon
55. Many assembly lines use it to implement the concept of "Just-In-Time" by creating a buffer to hold spare parts. As each part in the buffer is used, a card is sent to the producing machine to indicate that another part is needed. If a machine breaks, the parts in the buffer can keep the assembly line moving while the broken machine is fixed. For 10 points--give the six-letter word for this system that comes from the Japanese word for "card".
Answer: kanban
56. Its surface is generally covered with red soil, low-growing grasses, extensive mud flats, and large patches of sand. Covering about 275,000 square miles between the Okavango and Orange rivers, it was crossed in 1849 by David Livingstone. For 10 points--name this arid region of southwestern Botswana and northern South Africa. Answer: the Kalahari Desert
57. During the 1910's, he moved to northern California with his wife Una, where he eventually built a stone cottage and a 40 -foot stone tower and wrote volumes of verse. For 10 points--name this American poet who used his knowledge of Greek to create his most famous work, a 1946 adaptation of the Euripides tragedy Medea.
Answer: (John) Robinson Jeffers
58. These two brothers and their cousin banded together in 1585 to start the Bologna school known as the "Accademia degli Incamminati" [ah-ca-da-MEE-a delly in-com-i-NAH-tee]. Among their famous students were the artists Domenichino and Guercino. For 10 points--give the common last name of the painters Lodovico, Agontino and Annibale whose works include The Sacrifice of Isaac, Christ and the Woman of Samaria at the Well, and The Flight into Egypt.
Answer: Carracci
59. A Roman Municipium in 45 BC , a charred ruin after the Longobards burned it in 602 AD , the home of its country's second university in 1222, subjects of the Da Carrara family until 1405, and later ruled by Venice, Napoleon and Austria. Such is a brief history of--for 10 points--what Italian city that is home to the Basilica of St. Anthony and to many works of Giotto?
Answer: Padua (or Padova)
60. Her stepson Chrysippus might have become the next king--but she murdered him. Her husband Pelops, however, had no cause for complaint; after all, it was only his bribery of the king's charioteer and his use of Poseidon's winged horses that allowed him to win the chariot race for her hand in marriage. For 10 points--name this daughter of Oenomaus [en-a-MAY-us], king of Elis.
Answer: Hippodamia
