Technophobia III, 1998
Tossups by BYU
1: Based on a 16th century English model called the "Halifax Gibbet," it was originally called the "louisette" after its inventor's colleague Dr. Antoine Louis. The prototype was made in 1789 by German harpsichord maker Tobias Schmidt, who proudly presented it to the national Assembly. For ten points name this invention which was used successfully until 1977, when Francois Mitterand abolished the death penalty in France.

ANSWER: -guillotine-
2. Seven army officers, three ex-officers and two members of the irish Constabulary had been murdered, so on November 21, 1920, British troops opened fire on a football crowd and murdered fourteen people in Dublin's Croke Park. Fifty-odd years later on January thirtieth paratroopers killed thirteen Roman Catholic demonstrators at an illegal rally. For ten points, give the shared name of these events, also the name of a John Schlesinger film, an Itchy and Scratchy short, and a song by U2.

ANSWER: Sunday -Bloody Sunday_
3: His real name is Aloysius, and while he was born in Hawaii, he now lives with his family in a cave in New York's Central Park. He likes cabbages and spaghetti, as well as roller-skating with his best friend, whom he calls "Bird." Bob and Luis finally saw him in broad daylight in 1989, ending decades of speculation that he was Big Bird's imaginary friend. For ten points, name this shy 12 -foot mammoth and frequent visitor to Sesame Street.

ANSWER: $\quad$-Snuffleufagus- (prompt on Snuffy)
4: Paul Wiggins walked into a store in Eugene, Oregon and bought this supplement over the counter. His use of it led to a four game suspension, and eventually he was waived by the Pittsburg Steelers. FTP, name the substance that Wiggins used to increase testosterone production, build strength and speed recovery from injury, banned by the NCAA, IOC, and NFL, but not by the major leagues, which explains its legal use by Mark McGwire.

ANSWER: $\quad$-androstenedione- (prompt on "andro")
5: $\quad$ Back in 1995, Produce Palace International purchased a computerized cash register system from TEC America. TEC claims its computer system works well and that it was the dealer All American Cash Register that is responsible for the system's failure to recognize credit card dates on and beyond a certain date. This suit marks the beginning of settlement of the currently sixteen lawsuits, all dealing, for ten points, with what computer-based problem, in which 1997 is stored as just 97 and a different year is stored as 00 .

ANSWER: _Y2K_problem or _year 2000_ bug or _millennium bug_(it's not a virus!)
6. Rosie the Riveter takes a lunch break. The lone woman in a jury room holds out for acquittal. Three cheerleaders sit stunned by a 54-53 loss. A couple at the breakfast table argues the virtues of Truman and Dewey. A husband slouches in his chair as his family leaves for church. A pediatrician prepares to vaccinate a young boy. All these are scenes by, for ten points, what prolific Stockbridge, Massachusetts artist and illustrator for the Saturday Evening Post?

ANSWER: Norman -Rockwell- (prompt on early Saturday Evening Post)
7. In East of Eden, Steinbeck makes a reference to this god when describing the row of whorehouses in Salinas. He is the son of Dionysus and Aphrodite and was a guardian of mariners. Particularly known from Phrygia, he also served as a fertility god. For ten points, name this Greek god usually depicted as a satyr-like creature with pronounced and erect genitals.

ANSWER: Priapus
8: It has erupted repeatedly for hundreds of thousands of years, with the last episodes occurring immediately before Lewis and Clark arrived in 1805. Surrounded by the Salmon and White River valleys, it was discovered in 1792 by William Broughton, who named it after the noted British admiral. For ten points, name this fourth highest peak in the Cascades located 50 miles southeast of Portland, the highest point in Oregon.

ANSWER: Mount -Hood-
9: His father was convicted of debasing the public coinage in Sinope, and he found himself a young exile in Athens. There he became a philosopher and gathered a reputation for self denial, reputedly living in a tub devoid of all comforts. Considered to be a wise man of the highest character, he would often wander about with only a lamp, in search of an honest man. FTP, name this Cynic famous for telling Alexander the Great to "stand from between me and the sun."

## ANSWER: -Diogenes-

10 : This winner of the second Newbery Medal awarded was badly wounded at Flanders in 1917. To keep his letters from the front to his children from being too grim, he spun tales of an eccentric physician who lived in the town of Puddleby-on-the-Marsh, cared for by his housekeeper, Dab-Dab the duck, and who learned from his parrot Polynesia to speak the language of the animals. For ten points name this American author who created Dr. Dolittle.

ANSWER: Hugh -Lofting-
11: It forms the entire subject of the Mandukya, one of the Upanishads, and its three sounds are used to signify Brahma, Vishnu, and Shiva. Its written symbol is found at the beginning of religious texts and on the phallic Siva-symbol called the lingam, and it opens and closes most Hindu prayers. For ten points name the sacred Sanskrit syllable said to embody the essence of
the whole universe, common in Yoga and meditation.
ANSWER: -om- or -aum-

12: It began with the attack of Massachusetts and Connecticut Puritans on an Indian village at Mystic. Within an hour the village was burned and 400 Native Americans were dead. For the next six months the Europeans hunted down the scattered remnants of the tribe to extinction. For ten points, name this 1637 war, which shares its name with the tribe that was destroyed, though not quite with a ship made famous by Herman Melville.

ANSWER: -Pequot- War
13: He first rose to prominence at the battle of Sedgemore, where he defeated Monmouth's Rebellion. He also led a military conspiracy against James 11 in 1688 that helped to usher in the Glorious Revolution. Though he was well rewarded by William and Mary, he andhis wife Sarah later fell into disfavor with Queen Anne and became social outcasts. For ten points, name this legendary English general and duke, the victor at Malplaquet, Ouenarde, and Blenheim.

ANSWER: The first Duke of -Marlborough- (accept John -Churchill-)
14: Hoffmansthal's libretto for this one act opera retells a Greek legend in terms of modern psychology, with a glance toward Freud in the title character's name. When Agamemnon returned from war, he found that his wife Clytemnestra had taken Aegisthus as a lover, and Agamemnon was promptly murdered. Orestes kills Aegisthus, and his sister, the title character, grows up a "strange, brooding, savage woman." For ten points, name this Richard Strauss opera featuring a "bright one," who became Oedipus's sort of sister complex.

ANSWER: -Elektra-
15: He converted to Roman Catholicism while a 17-year-old Oxford student, and then proposed to Suzanne Curchod, but his irate father forced him to convert back and break off the engagement. Only in his writing was he free to express himself, publishing an essay on the study of Literature and a History of the Swiss Revolution before visiting Italy and starting a new project that would assure his fame. For ten points, name this man who in 1776 published The Declineand Fall of the Roman Empire.

ANSWER: Edward -Gibbon-
16: She was the daughter of Oceanos and Tethys and the sister of Styx, Doris, and Tyche. She was the original consort of Zeus, and according to legend, was swallowed by Zeus because he feared she would engender a child more powerful than he. For ten points name his Greek goddess of wisdom and mother of Athena.

ANSWER: -Metis-

17: When treated with a Lindlar catalyst, they become acis-alkene, and when treated with
sodium and liquid ammonia, they become a trans-alkene. They are most commonly produced by halogen elimination from alkanes using sodium amide and have two carbons that are sphybridized. Like alkenes, they undergo Markovnikov addition in the absence of peroxides. FTP name this class of hydrocarbons characterized by a carbon carbon triple bond.

ANSWER: -alkynes-
18: Julie Christie in Fahrenheit 451. Elsa Lanchester in Bride of Frankenstein. Charlie Chaplin in The Great Dictator. Michael J. Fox in Back to the Future 11. Alec Guinness in Kind Hearts and Coronets. Ronald Colman in The Prisoner of Zenda. Peter Sellers in Dr. Strangelove. Jeremy Irons in Dead Ringers. Hayley Mills in The Parent Trap. Leonardo DiCaprio in The Man in the Iron Mask. For ten points, what is special about the roles played by these versatile actors in these films?

ANSWER: they played -double- or -multiple roles- (accept equivalents)
19: This hypothetical condition, as postulated by Keynesian economists, occurs when the LM curve is horizontal. As a result the public is prepared to accept any money supply at the current interest rate, leaving the central bank powerless to affect the economy by restricting money supply. Recently it has been suggested that such a problem could occur at low interest rates due to banks' reluctance to meet an increased demand for loans as the interest rate falls. For ten points, name this economic theory, whose name sounds more like something you might use to plug your bathtub.

ANSWER: -liquidity trap-
20: Discovered in 1950 by local scientists, it remained unknown to scientists elsewhere until 1991. When geologists heard about it, they conducted gravity field gradient and magnetic field anomaly studies and found a huge, almost circular structure buried beneath younger sediments. For ten points, name this largest impact crater on Earth,found off the north coast of the Yucatan Peninsula, that has been linked to the extinction of the dinosaurs.

ANSWER: -Chicxulub- Crater (prompt on Yucatan)
21: He was born in Birmingham, Alabama, in 1929. In 1955 he received his Ph.D. in biology from Harvard. He is the author of two Pulitzer Prize-winning books, -On Human Nature- and The Ants-, and he continues his argument that ethics, morality and religion arose through natural selection in his latest book, Consilience. For ten points name this founder of sociobiology.

ANSWER: Edward 0. -Wilson-
22: Proteins are most often separated and purified using this process. Usually, a sample is applied and allowed to pass through a solid matrix. According to the choice of matrix, proteins can be separated according to their charge, their hyrophobicity, their size, or their ability to bind to particular chemical groups. As the proteins interact with the matrix, they are retarded and can be collected separately as they flow out of the bottom. For ten points, what is this class of
chromatography?
ANSWER: -column chromatography- (prompt on chromatography on early buzz)
Bonuses by BYU
1: Identify the art term, 30-20-1 0 .
30. Lillian Hellman used this term to title her second book of memoirs, which includes her encounter with her German Resistance friend Julia during World War II.
20. The term is sometimes used to describe an artist's various attempts to draw a contour, as in Cezanne's drawings. Painted examples include the dog sitting next to Gainesborough's "Blue Boy."
10. From the Italian word for "repentance," this term refers to an artist overpainting an area of a canvas in the course of its execution.

ANSWER: pentimento-

2: For five points each, what artists originally sang the following "radio" hits'.?
a. "Radio Free Europe"
b. "Radio Radio"
c. "Do You Remember Rock'n'Roll Radio?"
d. "Radio Ga Ga"
e. "Boys on the Radio"
f. "Radio Transmission"

ANSWER: - R.E.M.-
ANSWER: Elvis - Costello-
ANSWER: the Ramones
ANSWER: -Queen
ANSWER: Hole
ANSWER: -Joy Division-

3: Identify the creators of these literary Gabriels for ten points each.
a. Gabriel Conroy, who, after an annual holiday party, learns about his wife Gretta's first love, the late Michael Furey.

ANSWER: James -Joyce- (it's The Dead)
b. Gabriel Syme, a policeman who poses as an anarchist poet in order to infiltrate a secret
society, in which he rises to become the work's title character.

## ANSWER: Gilbert Keith -Chesterton- (it's The Man Who Was Thursday)

c. Gibreel Farishta, a prolific indian film star, who is on board Flight Al-420 when it is hijacked.

ANSWER: $\quad$ Salman -Rushdie- (it's The Satanic Verses)
4: Identify these programming languages with unusual names for ten points each.
a. This nifty interpreted language, with powerful text manipulation and "glue language" features, was named by young Guido van Rossum for his comedy idols.

ANSWER: -Python-
b. This Department of Defense-authored language was named for the author of the first socalled "computer program," an algorithm for computing Bernoulli numbers.

ANSWER: -Ada-
c. When a patent search discovered that the name "Oak" was already taken, engineers chose this name, either from a lunch break, or from the initials of the team members' names (accounts differ).

ANSWER: -Java-

5: For ten points each, what Disneyland attraction would you be in if you were unfortunate enough to hear the following annoying lyrics?
a. "We kindle and char and inflame and ignite!"

ANSWER: $\quad$-Pirates of the Caribbean-
b. "There is just one moon and one golden sun."

ANSWER: It's a -Small World-
c. "All the birds sing words and the flowers croon."

ANSWER: The Tiki Tiki Tiki Tiki -Tiki Room-
6. Identify these terms of Biblical origin, from one clue for 15 points, or from a second clue for 5.
a) 15. Matthew Arnold, in his Essays in Criticism, re-coined this term to mean "a dogged, unenlightened opponent of progress in the arts."
5. These opponents of Israel in the days of Saul probably originated in Crete, and among their great warriors was the giant Goliath.

ANSWER: -philistine-
b)15. This word was removed from the original name of Post Toasties cereal, after complaints from the religious community that its presence constituted a blasphemy.
5. It is first mentioned in Exodus $16: 31$, which tells us it was white and tasted like "wafers made with honey."

ANSWER: -manna-
7. Identify these Pacific island nations from clues FTPE. You will receive 5 points if you need the capital cities.
a) 10. This nation's President Tito recently moved the International Date Line to the other side of his country so that uninhabited Caroline Island will be the first land on earth to enter the next millennium.
5. Bairiki

ANSWER: -Kiribati-
b) 10. This kingdom, whose royal line stretches back a thousand years, is the only South Pacific island nation never to fall under foreign rule.
5. Nuku'alofa

ANSWER: -Tonga-
c) 10 . Its 1980 independence ceremony was disrupted by a plantation workers' revolt funded by the U.S.'s right-wing Phoenix Foundation.

## 5. Port Vila

ANSWER: -Vanuatu- (prompt on New Hebrides)
8: Name these children of Loki FTPE
a. She served as mistress of the underworld.

ANSWER: Hel
b. He was chained by Tyr but will devour the sun at Ragnarok.

ANSWER: $\quad$-Fenrir- or the -Fenris Wolf-
c. As a mare, Loki sired this steed of Odin.

ANSWER: -Sleipnir-

9: Name the figure from American history 30-20-1 0 .
30. Among his homes were Jamaica 1927-1935, Panama 191 0, Costa Rica 1911, and the United Kingdom 1935-40, though he was granted American citizenship in 1921.
20. While in the U.S. he endorsed the Black Star Line transportation company until he was convicted of mail fraud, thrown in prison, and then deported.
10. He founded the Universal Negro Improvement Association and was the leader of the Back to Africa migration movement in the early 20thcentury.

ANSWER: Marcus -Garvey-
10: $\quad 30-20-10$ Name the molecule.
30. It was first identified as an intracellular mediator of hormone action in 1959.
20. Since then it has been found to act as a intracellular signaling molecule in all procaryotic and animal cells that have been studied.

10 . This signaling molecule is synthesized from ATP by adenylylcyclase.
ANSWER: -Cyclic AMP- (accept -adenosinemonophosphate-)

11: Identify the man, 30-20-1 0 .
30. He explained the object of his 1939 "What to Listen for in music" as "To put down as clearly as possible the fundamentals of intelligent music listening."
20. Living from 1900 to 1990, this composer's works include El Salon Mexico, An Outdoor Adventure and John Henry.
10. Other works include a Lincoln Portrait, Quiet City and music for the films The City, Of Mice and Men, Our Town and The Red Pony.

ANSWER: Aaron -Copland-

12: Given a quote from a 20th century U.S. President, name the President, 5 points each and a bonus 5 for all correct.
a. "The tax and tax, spend and spend policies of the last few decades lead only to economic disaster. Our government must return to the tradition of living within our means and must do it now."

ANSWER: Ronald Reagan
b. "Only a peace between equals can last."

ANSWER: Woodrow -Wilson-
c. "In the field of world policy I would dedicate this nation to the policy of the good neighbor."

ANSWER: -F-ranklin Delano -Roosevelt-
d. "Unconditional war can no longer lead to unconditional victory. Mankind must put an end to war or war will put an end to mankind."

ANSWER: John Fitzgerald -Kennedy-
e. "I suppose I am the most powerful man in the world, but great power doesn't mean much except great limitations."

ANSWER: Calvin -Coolidge-

13: Identify the following questions about sampling 5-10-15.
5. In this type of sampling, once an object has been drawn, it cannot be drawn again.

ANSWER: sampling -without replacement-
10. Ten white socks and ten black socks are in a drawer. How many socks do you need to need to pull out without replacement, before you are guaranteed to have two pairs?

ANSWER: -five-
15. In this type of urn or sampling, a sort of over replacement is used, that is, each time an object is drawn, the object is replaced and another copy of the object is replaced as well.

ANSWER: -Polya- sampling
14: For ten points each, name these female reporters from American history.
a. One of Joseph Pulitzer's top reporters, she spent 10 days in a New York city madhouse on a dare from a fellow reporter. She is most famous for a 72 day trip around the world in 188990.

ANSWER: Nellie -Bly-
b. She was the first editor of The Dial and a reviewer for Horace Greeley. After publishing Woman in the Nineteenth Century, which argued for equality of the sexes in all aspects of life, she left for Europe, where she was involved in the Italian revolution of 1850.

ANSWER: Margaret -Fuller-
c. She worked on Hearst's San Francisco Examiner, covering the earthquake of 1906 and the murder trial of Harry Thaw. Because her maudlin prose detailed the deaths of children and the lives of the downtrodden, she was given the nickname "sob sister."

ANSWER: -Annie Laurie- (accept Martha Winifred -Sweet-)

15: Identify these solar system superlatives for ten points each.
a. At a distance of only 9,380 kilometers, this is the closest moon to its planet.

ANSWER: -Phobos-
b. This small Jovian moon is the satellite at the greatest distance from its primary: $23,700,000$ kilometers.

ANSWER: -Sinope-
c. This largest satellite of its planet has the thickest atmosphere of any planetary moon:
1.2 atmospheres.

ANSWER: -Titan-
16: 1 will give you a short description of an event from Byzantine history, and you will get five points for correctly identifying what century that event occurred in, with a 5-point bonus for all correct.
a. The Fourth Crusade leads to the capture and sack of Constantinople

ANSWER: -13-th (1204)
b. Prince Volodymir of Kiev accepts Baptism from the Byzantine Empire.

ANSWER: $\quad-10$-th (988)
c. Leo III, orders all icons in the Byzantine empire destroyed beginning a series of riots over iconoclasm.

ANSWER: $\quad$-8-th (726)
d. The Patriarch of Constantinople and the Pope excommunicate each other, causing the Great Schism.

ANSWER: $\quad 11$ th (1 054)
e. The Ottoman Turks capture Constantinople and rename it Istanbul, ending the Byzantine Empire.

ANSWER: $\quad-15$-th $(1453)$

17: Identify these famous chairs designed by 20th century architects, FTPE.
a. Ludvig Mies van der Rohe created this popular chair at the World Exposition in 1929, especially for the king and queen of Spain. It is named for the city where it was first displayed.

ANSWER: -Barcelona- chair
b. This 1957 Eero Saarinen design with a scalloped form on a pedestal is named for the flower that inspired its shape.

ANSWER: -tulip- chair
c. This is the better-known name for Saarinen's 1948 "Knoll lounge chair" design, from the way its curved plastic shell comfortably surrounds the sitter.

ANSWER: -womb- chair
18: For ten points each, identify these classes of RNA
a. This class of RNA combines with specific proteins to form the cellular organelle that performs protein synthesis.

ANSWER: $\quad$-Ribosomal- RNA (prompt on " $C^{\prime}$ )
b. After the primary RNA transcript is processed and introns are removed, this class of RNA binds with the ribosome and is translated.

ANSWER: $\quad$-Messenger- RNA (prompt on " m ")
c. This class of RNA brings specific amino acids to the ribosome for protein synthesis.

ANSWER: -Transfer- RNA (prompt on " t ")
19: Name these baffles from the Hundred Years War for ten points each.
a. This 1415 battle was fought on St. Crispin's Day and saw the weak and outnumbered English, led by Henry V, conclusively defeat a superior French force.

ANSWER: -Agincourt-
b. The siege of this French town was relieved by Joan of Arc in 1429.

ANSWER: -Orleans-
c. This 1450 battle saw the French drive the English out of Normandy.

ANSWER: -Formingy-
20:Name the Alfred, Lord Tennyson poem, from 10 points for a familiar line it contains, or for 5 points if you need a further clue.
A) 10 . "'Tis better to have loved and lost than never to have loved at all."
5. The poem is an elegy to Arthur Hallam.

ANSWER: $\quad$-in Memoriam- A. H. H.
b) 10. "in the spring a young man's fancy lightly turns to thoughts of love."
5. The title locale of this poem is an estate to which a young man returns after being jilted by his cousin Amy.

ANSWER: Locksley Hall
c) 10 . "The mirror cracked from side to side."
5. The title character, from Arthurian legend, is banished to a towerand cursed never to see Camelot.

ANSWER: -The Lady of Shalotte-

21: Identify the actor that has appeared in at least three Kenneth Branagh films from roles played for ten points each.
a. Exeter in Henry V, Antonio in Much Ado About Nothing, and Ghost in Hamlet

## ANSWER: Brian -Blessed-

b. Mike Church in Dead Again, SS Official in Swing Kids, Andrew in Peter's Friends
ANSWER: Kenneth -Branagh-
c. Chorus in Henry V, Franklyn Madison in Dead Again, and Claudius in Hamlet ANSWER: Derek -Jacobi-

22: Identify the second largest European city in each country for the stated number of points.
5. Italy
5. the Netherlands
10. Portugal
10. Switzerland

ANSWER: -Milan
ANSWER: -Rotterdam
ANSWER: -Porto - or -Oporto-
ANSWER: -Basel-

