1. The son of a bookseller, this man dreamed of becoming a musician, but his promising career as a pianist came to a premature end due to physical difficulties with the fingers of his right hand, whereupon he founded the influential periodical The New Music Journal, and turned to composing. In his later years he fell prey to auditory hallucinations, and he once rose in the middle of the night to write down a theme that he imagined had been brought to him by the spirits of Schubert and Mendelssohn. He spent the final two years of his 46 year life in an asylum, but not before he made his mark on German music with such works as Scenes from Childhood, Carnival, and A Woman's Love and Life. FTP, identify this 19th century German composer famous for his Rhenish Symphony and his wife Clara.   Answer: Robert Schumann

2. During this two year conflict, Admiral Edward Vernon captured Porto Bello and unsuccessfully raided Cartagena, while George Anson circumnavigated the world in quest of Spanish ships and treasure. It lasted from 1739-41 and was absorbed by the War of the Austrian Succession. FTP, identify this conflict between Britain and Spain which was precipitated when a British naval officer serving aboard the HMS Rebecca told the House of Commons how Spaniards had pillaged his ship and deformed him.   Answer: the War of Jenkin's Ear

3. This author once told an interviewer, "The only demand I make of my reader is that he should devote his whole life to reading my works," and when asked why he wrote in the way that he did, he replied, "To keep the critics busy for three hundred years." FTP, identify this man born in 1882 in Dublin, who wrote Ulysses and Finnegans Wake.   Answer: James Joyce

4. In 1885 a boy named Joseph Meister was badly mauled and bitten by a mad dog, and was saved by the first use of the attenuated rabies preparations. Fifty-five years later, in 1940, the invading Nazis ordered Meister to open the crypt of the man who had saved his life, and he killed himself rather than do so. FTP, identify this giant of science who is best known today for his method of heat-sterilization of wine, beer, and milk.
          Answer: Louis Pasteur

5. This island group includes 22 individual islands, of which 17 are inhabited. They were settled in the 8th century, became a British protectorate in World War II, and gained self-government in 1948 after an aborted independence movement. FTP, identify this island group that includes Ostero and Steymoy, lying in the North Atlantic about 850 miles from mainland Denmark, that sounds like it might belong to Egypt.   Answer: Faero Islands

6. When this man came to prominence, many peasants believed he was a reincarnation of Ferenc Rakoczi, an earlier freedom fighter who, like the Klingon Kahless, was to come back when his people needed him. He practised law, became a political journalist (for which he was imprisoned), and in 1847 became Leader of the Opposition in the Diet. FTP, identify this statesman and revolutionary who was appointed Provisional Governor of Hungary after leading the 1848 revolution.   Answer: Lajos Kossuth

7. In the midst of this land was Hvergelmir, the fountain from which and to which all waters found their way. It was located at the foot of Yggdrasill and was

home to Nidhogg the dragon and the Fenris Wolf. FTP, identify this land of dark, cold, and mist in Norse mythology.

Answer: <u>Nifelheim</u>

8. It tells of the lives of Mr. and Mrs. Benjamin Pantier, Anne Rutledge, Petit the Poet, The Village Atheist, Lucinda Matlock, and Fiddler Jones, intertwining 19 family histories in the form of individual confessions. The author first published it in serial form in <u>Reedy's Mirror</u> under the pseudonym Webster Ford, and the character's names are taken from tombstones in the Lewiston, IL cemetery where the author himself was buried in 1950. FTP, identify this series of verse epitaphs by Edgar Lee Masters.

Answer: <u>Spoon River Anthology</u>

9. Born in Connecticut but raised in rural Ohio, this man was deeply affected by a sermon he heard from a black preacher at the age of 50, and he became an agent of the Underground Railroad in Ohio. Although many members of his family, including his mother, maternal grandmother, and several of his uncles and cousins were all judged insane in their lifetimes, he refused to use an insanity plea in his trial for treason. FTP, identify this man whose plan to create a mountain fortress from which the slaves would sally forth to wreak vengeance on their oppressors led him to raid the federal arsenal at Harper's Ferry, Virginia.

Answer: John <u>Brown</u>

10. Their existence was suggested by data gathered by the US satellite Explorer I in 1958, and the area was found to have sharp boundaries at approximately 40,000 miles from Earth. It is also hypothesized that auroreal displays result from particles leaking from the region and colliding with air molecules high in the atmosphere. FTP, identify this zone of high-energy charged particles trapped by the earth's magnetic field, often named for the United States physicist who discovered it.   Answer: <u>Van Allen Belts</u> or <u>magnetosphere</u>

11. This Roman emperor once dressed as a woman and was publicly married to one of his eunuchs; in addition, he was nearly killed one night when, in disguise, he threatened the wife of a senator. Other of his exploits are well known, such as his attempts to excel at music and in the Olympian games, as well as the putting to death of his wife Ocatvia Poppaea. FTP, identify this son of Gaius Domitius Ahenobarbus and Agrippina the daughter of Germanicus, who ruled from 54 to 68, and who according to a legend fiddled while Rome burned.

Answer: <u>Nero</u>

12. It uses a temperature-resistant enzyme from <u>Thermus aquaticus</u>, requires nucleotide sequences flanking both sides of the target, and involves synthesizing two primers, which are then extended in different directions, toward each other, on opposing strands of DNA. After completion of the replication of the segment between the two primers, the two new duplexes are heat-denatured to generate single-stranded templates, and further cyles of replication are carried out by lowering the temperature in the presence of all the components necessary for the polymerization. FTP, identify this technique by which tiny segments of double-stranded DNA can be amplified a billionfold in a short time.

Answer: <u>polymerase chain reaction</u> or <u>PCR</u>

13. <u>The Knights</u> attacked Cleon. <u>The Clouds</u> rained on Socrates. <u>The Frogs</u> jumped on Euripides. And <u>The Birds</u> flew in the face of popular belief in the gods. FQTP, identify the Greek comic playwright who wrote all of these works.

Answer: <u>Aristophanes</u>

14. One of this American artist's masterpieces, which was painted for the Philadelphia Centennial, was rejected for the art exhibition because of its depiction of blood and was shown in the medical section instead. He taught at the Pennsylvania Academy of Fine Arts from 1876 until he resigned in 1886 because of opposition to his insistence on the total nudity of the model. FTP, identify this American painter of <u>Mrs. Edith Mahon</u>, <u>Max Schmitt in a Single Scull</u>, and <u>The Gross Clinic</u>.   Answer: Thomas <u>Eakins</u>

15. In 1866 an employee of the Bureau of Agriculture toured the South and was shocked by the ignorance and poverty of most of the farmers there. The next year that man, Oliver Hudson Kelley, founded an organization which he called the Patrons of Husbandry, designed to bring together isolated farmers for educational and social functions. FTP, identify this organization whose membership totaled 800,000 in the mid-1870s and which was instrumental in the passage of laws securing public regulation of railroads and grain elevators.
                      Answer: <u>National Grange</u>

16. This island nation, discovered in 1699, lies to the southwest of Sumatra and the Sunda Straits, and has its capital at Mildendo. The natives punish any form of dishonesty with death, fill vacant cabinet posts by rope-dancing contests, and are divided into factions based on the type of shoes worn and the end at which eggs are broken. FTP, identify this land, lying just southwest of Blefuscu, whose diminutive residents were discovered by Lemuel Gulliver.
                      Answer: <u>Lilliput</u>

17. Prior to this man's works, economists had argued about whether demand or supply played a more important role in determining a product's price, but he showed that supply and demand were like the blades of a pair of scissors--both were equally needed if the scissors are to work properly. Many of his other concepts-- elasticity, the short run with variable and fixed cost, and the long run--were also important contributions to the field, and his microeconomic theory provided part of the foundation of modern economics. FTP, identify this English neoclassical economist, the author of the 1890 magnum opus <u>Principles of Economics</u>.   Answer: Alfred <u>Marshall</u>

18. She was the brilliant 17 year old niece of a canon of a university when she was seduced by and secretly married to her tutor, after which she went to live with her uncle, who hired some men to castrate the father of her son Astrolabe. She then became a nun and never saw her husband again, only able to write love letters for the rest of her life. FTP, identify this famous lover of Peter Abelard.   Answer: <u>Heloise</u>

19. This woman studied at Columbia University and the Julliard School of Music, but her musical career died when she lost her tuition money on the subway. She also suffered a series of strokes while still in her twenties and battled physical ailments for the rest of her life, but still managed to make a name for herself with her writings. They include a macabre story of experiences in a Southern Army camp before World War II and a tale about a woman twice married and deserted by the same husband, entitled "Reflections in a Golden Eye" and "The Square Root of Wonderful". FTP, identify this Georgia-born author of <u>The Heart is a Lonely Hunter</u>.   Answer: Carson <u>McCullers</u>

20. Ever since the 1927 Davisson-Germer experiment confirmed the matter wave hypothesis of Louis De Broglie, the problem of understanding the dual nature of both matter and radiation has been conceptually difficult, since the two models seem to contradict each other. Niels Bohr helped to solve this problem by stating that evidence relating to atomic systems which has been obtained under different experimental conditions cannot necessarily be comprehended by a single model. FTP, identify this term that Bohr so introduced into quantum theory, which implies that both the wave and particle models are mutually descriptive.

Answer: Complementarity Principle

21. In his autobiography, this man said, "All I need to make a comedy is a park, a policeman, and a pretty girl." He developed his skil in comedy under Fred Karno, with whom he went to Hollywood in 1914. FTP, identify this actor and director whose films include Limelight, The Kid, and The Great Dictator.

Answer: Charlie Chaplin

22. It refers, historically, to the type of singer-dominated opera pervalent in Italy throughout the 17th and 18th centuries. FTP, identify this style, of which Lucia di Lammermoor and Norma were considered the pinnacles, which comes from the Italian for "beautiful singing."

Answer: bel canto

23. It contained a black stone in its wall which was undoubtedly a meteorite, and it was the holiest shrine in the Arab world. FTP, identify this holy landmark in Mecca that was supposedly built by Adam.

Answer: Kaaba

24. Born in Spring Creek, PA, this man became assistant US attorney general in 1936, US solicitor-general in 1938, and US attorney general in 1940. He was then appointed associate justice of the Supreme Court, where his opinion in Youngstown vs. Sawyer declared President Truman's steel mill seizures unconstitutional. FTP, identify this American jurist and lawyer who from 1945-46 was chief US prosecutor at the Nuremburg war crimes trials.

Answer: Robert Houghwout Jackson

25. The title character goes to live with her two maiden aunts, Miranda and Jane, and is unhappy with them, but finds a friend in Emma Jane Perkins as well as a hero and admirer in Adam Ladd. The book ends with her graduation from Wareham Academy in Maine. It was successfully dramatized in 1910, and made into a movie with Shirly Temple in 1938. FTP, identify this children's story by Kate Douglas Wiggin.

Answer: Rebecca of Sunnybrook Farm

26. They are classified as the species Apteryx australis, and have hairlike feathers and a long, flexible bill used to probe for food along the ground, usually at night. FTP, identify these chicken-sized, fast-running, flightless birds that live in the forests and scrub lands of New Zealand.

Answer: kiwi

27. Born in Grand Valley, Colorado, this US chemist became a professor at Chicago and later at the University of California. During WWII he worked on the separation of isotopes for the atomic bomb, which led to an interest in nuclear physics, and the work for which he won a Nobel Prize. FTP, identify this man who discovered the method of carbon-14 dating.

Answer: Willard Frank Libby

28. In the 18th century this island served as a quarantine station; in 1841 Fort Wood was built on it. Although it is in NJ waters, it was agreed in 1834 to keep it a part of NY geographically. FTP, identify this island which in 1885 was given its most famous landmark.

Answer: Liberty Island or Bedloe's Island

1. It's time for a name-game bonus, with a twist. I'll give you two relatively famous historical events, and you will have to know in what years they occured. Then, put them together in the classic name-game format. For example, if I said, "Napoleon abdicates and is exiled to Elba, and Columbus discovers America," you would say, "eighteen fourteen ninety-two." 10 points each.
1. Charles Lindbergh makes the first nonstop solo flight from New York to Paris, and the battle of Tours is fought.
     Answer: <u>nineteen twenty seven thirty-two</u> (192732)
2. the battle of Leipzig is fought, and Wat Tyler's revolt occurs.
     Answer: <u>eighteen thirteen eighty-one</u> (181381)
3. Henry V wins at Agincourt, and Don John of Austria wins at Lepanto
     Answer: <u>fourteen fifteen seventy-one</u> (141571)

2. There have been many dynamic duos in world mythology--your job in this bonus is to name the two members of the following duos after being supplied a brief description. You get a choice, though. You can do three pairs from Greek mythology for 5 points apiece, or three from Norse mythology, which are harder, for 10 points apiece. You must choose now.
Greek mythology (5 points each)
1. Known as the "dioscuri," these twins were the sons of Leda.
     Answer: <u>Castor and Pollux</u>
2. The son and daughter of Zeus and Leto, these twin gods ruled over medicine/light and chastity/the hunt.
     Answer: <u>Apollo and Artemis</u>
3. This couple's love was demonstrated when she was bitten by a snake and her husband, the greatest mortal musician, went to Hades to rescue her.
     Answer: <u>Orpheus and Eurydice</u>
Norse mythology (10 points each)
1. With names meaning "thought" and "memory," these two ravens of Odin fly about the world, then sit on Odin's shoulders, telling him what they have seen.
     Answer: <u>Hugin and Munin</u>
2. With names meaning "strength" and "courage," these two brothers were the sons of Thor and the giantess Iarnsafa.
     Answer: <u>Magni and Modi</u>
3. Sons of Bor and the giantess Bestla, these two gods were the brothers of Odin.
     Answer: <u>Vili and Ve</u>

3. Identify the following characters from British literature on a 10-5 basis. For the 10 point clue will be a quote made by that character, and for 5 points, you will be given the work in which he or she appears.
1. 10: "If you prick us, do we not bleed? If you tickle us, do we not laugh? If you poison us, do we not die? And if you wrong us, shall we not revenge?"
 5: <u>The Merchant of Venice</u>   · Answer: <u>Shylock</u>
2. 10: "God bless us every one!"
 5: <u>A Christmas Carol</u>   Answer: <u>Tiny Tim</u> Cratchit
3. 10: "Curiouser and curiouser!"
 5: <u>Alice's Adventures in Wonderland</u>   Answer: <u>Alice</u>

4. You will have 30 seconds for the following bonus. Pencil and paper may be necessary. Place the following six mathematical expressions in order of increasing absolute value. 5 points for each in correct place. The

numbers/expressions are: the area of a right triangle with sides of 5 and 12; seven factorial; the probability of drawing a seven and then a nine on two random draws from a standard 52 card deck; e to the [natural logarithm of 4] power; the square root of 71; and the determinant of the 2 x 2 matrix [12 1 1 1] {reader's note: 12 is in the upper left corner of the matrix--1's are in the other three spots}
Answer: <u>probability, natural logarithm, square root, determinant, triangle area, seven factorial</u>

5. Aren't you tired of the old, simple, "identify the composer given a list of his operas" bonus? Well, I am, so I'm gonna make it a little bit more challenging. I'm going to give you a list of _descriptions_ of operas, and you identify the man who composed all of the described works for 10 points each. If you need the actual titles, you only get 5 points.
1. 10: A retelling of A Midsummer Night's Dream, a story about the legendary son of Uther Pendragon, and a work about based on characters from the Aeneid.

   5: <u>The Faery Queen, King Arthur, Dido & Aeneas</u>
                           Answer: Henry <u>Purcell</u>
2. 10: A story loosely based an incident from the War of the Polish Succession subtitled <u>The False Stanislaus,</u> a retelling of the 1282 massacre of the French at Palermo, and an opera drawn partly from Schiller's <u>Wallenstein</u> featuring the characters of Don Alvaro, Leonora, and Fra Melitone.
   5: <u>Un Giorno de Regno, The Sicilian Vespers, The Force of Destiny</u>
                           Answer: Giuseppe <u>Verdi</u>
3. 10: A tale based on an historical incident during the 16th century Anabaptist uprising in Munster, an opera centering on a thirteenth century Duke of Normandy in Sicily, and a work about French Protestants.
   5: <u>The Prophet, Robert the Devil, The Huguenots</u>
                           Answer: Giacomo <u>Meyerbeer</u>

6. Given two parts of a trilogy from American literature, identify both the third member of the trilogy, and the author of the works. 5 points for each answer.
1. <u>Young Lonigan</u> and <u>The Young Manhood of Studs Lonigan</u>
                           Answer: <u>Judgment Day</u>; James T. <u>Farrell</u>
2. <u>The Wolf</u> and <u>The Pit</u>   Answer: <u>The Octopus</u>; Frank <u>Norris</u>
3. <u>The 42nd Parallel</u> and <u>1919</u>   Answer: <u>The Big Money</u>; John <u>Dos Passos</u>

7. Answer the following questions about the Sherman Antitrust Act for the stated number of points.
1. For 5 points, in what year was it enacted?
                   Answer: <u>1890</u>
2. For 5 points, identify the respected Senator from Massachusetts who guided the bill through the Judiciary Committee and was actually responsible for the law.   Answer: George <u>Hoar</u>
3. For 10 points, identify the 1895 Supreme Court case which, by its narrow interpretation of commerce, severely limited the law's effectiveness.
                   Answer: <u>United States vs. E.C. Knight Company</u>
4. For 10 points, identify the former railroad lawyer and Attorney General under Grover Cleveland who managed to change the act by his court presentation in this case.   Answer: Richard <u>Olney</u>

8. Identify the following bodies of water found within or bordering Italy for 5 points each.

1. This river, the longest in Italy, flows generally east for its 400 mile length and its valley is the most fertile agricultural region in the country.
Answer: Po River
2. This sea borders Sicily, Sardinia, and Corsica as well as the Italian penninsula.
Answer: Tyrrhenian Sea
3. This strait separates Italy from Sicily.
Answer: Strait of Messina
4. This sea is bound on the north and east by NW Italy and on the south by Corsica and Elba; its chief ports include Genoa, Livorno, and Bastia.
Answer: Ligurian Sea
5. The country's second longest river, it rises in the Etruscan Apennines on Monte Fumaiolo and enters the Tyrrhenian sea near Ostia.
Answer: Tiber River
6. This part of the Mediterranean Sea, lying west of the Greek islands and south of Italy, is separated from the Adriatic Sea by the Strait of Otranto and is connected to the Aegean Sea by the Sea of Crete.
Answer: Ionian Sea

9. Identify the famous work of art, 30-20-10.
1. Commissioned for Louis XVI by the Direction des Batiments and completed in Rome in 1784, its creator said of it, "If I owe my subject to Corneille, I owe my picture to Poussin."
2. This painting dispicts a stirring scene from Roman history in which three brothers prepare to fight their relatives by marriage in the neighboring state of Alba.
3. Created by Louis David, it is the first distinguished Neoclassical painting.
Answer: The Oath of the Horatii

10. Identify the following 20th century Swiss authors from clues for the stated number of points.
1. For 5 points, this German-born Swiss writer was a master of the Bildungsroman style. His works include In Sight of Chaos, Demian, and Steppenwolf.
Answer: Hermann Hesse
2. For 10 points, this poet and novelist wrote under the pen name Carl Felix Tandem. His masterpiece is the epic Olympian Spring, and he won the Nobel Prize in Literature in 1919.
Answer: Carl Spitteler
3. For 15 points, this playwright is known for his mastery of the bizarre and for the penetrating irony with which he comments on both the contemporary world and the helplessness of man in general. His works include The Marriage of Mr. Mississippi and The Visit.
Answer: Friedrich Durrenmatt

11. Identify the following terms from the field of philosophy for 10 points each.
1. This was the name Henri Bergson gave to the prime mover working in the world and active in evolutionary processes.
Answer: elan vital
2. From the Greek for "unit," this term was used by philosophers, particularly Leibniz, to denote the irreducible ontological unit of which all else is made up.
Answer: monad
3. Hegel applied this term to the logical method of his philosophy, which proceeds from thesis through antithesis to synthesis.
Answer: dialectic

12. There weren't many people who opposed the Roman Empire militarily and lived to tell the tale, or even did well enough to be remembered by history, but there were a few. For 10 points apiece, identify these three.
1. This king of Epirus defeated the Romans at Heraclea and Ausculum in the third

century BC, but at so great a price as to lend his name to victories that are so costly as to be injurious. He later unsuccessfully opposed Sparta, whereupon he fled to Argos, where he was pursued by a mob and killed.

Answer: <u>Pyrrhus</u>

2. This king of Pontus lived from about 131 to 63 BC and waged three wars against the Romans before being finally defeated by Pompey.

Answer: <u>Mithridates</u> VI

3. At one time a Roman citizen, this German chieftain disgraced the Roman Empire when his forces surprised and decimated a Roman army led by Varus in 9 AD in the Teutoburg Forest. He was later beated badly in battle against Germanicus Caesar.

Answer: <u>Arminius</u> (Hermann)

13. Given a partial title of a work of American literature, and the name of the person who wrote it, identify the word or words left out of the title for 5 points each.

1. The <blank> <u>Story</u>, by Edward Albee   Answer: <u>Zoo</u>
2. A <blank> <u>for Emily</u>, by William Faulkner   Answer: <u>Rose</u>
3. The Cruise of the <blank>, by Jack London   Answer: <u>Snark</u>
4. Lazarus <blank>, by Eugene O'Neill   Answer: <u>Laughed</u>
5. Dragon's <blank>, by Upton Sinclair   Answer: <u>Teeth</u>
6. Welcome to the <blank>, by Kurt Vonnegut   Answer: <u>Monkey House</u>

14. There have been many governors of New York that have gone on to become important in the history of the nation. Identify these three after being given clues for 10 points each.

1. As mayor of NYC he opened its first public school; as governor he worked to construct the Erie Canal; as a NY senator he proposed the Twelfth Amendment, which revised the Electoral College.   Answer: DeWitt <u>Clinton</u>

2. The first Whig governor of NY, this man failed to be nominated for president but played a prominent role in national affairs nevertheless, negotiating the Trent affair and the Alabama claims, and taking a strong stand in inducing the French to leave Mexico in the Maximilian affair.   Answer: William <u>Seward</u>

3. This man, in addition to serving as governor, was the head of the US Civil Service Commission, president of the NYC police commission, assistant secretary of the Navy, and vice-president.   Answer: Theodore <u>Roosevelt</u>

15. Identify the following Russian physicists from clues for 15 points each.

1. Appointed head of the Nuclear Physics Laboratory of Leningrad's Physico-Technical Institute in 1938, this man was the father of the Soviet Union's atomic and hydrogen bombs.   Answer: Igor Vasilevich <u>Kurchatov</u>

2. This man shared the Nobel Prize in Physics with Ilya Frank and Igor Tamm for his discovery of the radiation emitted when high energy particles travel faster than the speed of light in a particular medium.

Answer: Pavel Alekseyevich <u>Cherenkov</u>

16. Identify the following books of the Bible from clues for 10 points each.

1. Also written to Theophilus, this book is a sequel of sorts to Luke's gospel.

Answer: The <u>Acts</u> of the Apostles

2. This book concerns a man from Uz, and features the characters Eliphaz, Bildad, and Zophar.   Answer: <u>Job</u>

3. This book, which follows the book of Ruth in the Hebrew Bible and Ecclesiastes in the Septuagint, is often read as either a model of earthly love or as a metaphor for the love between God and the Church.

Answer: The <u>Song of Solomon</u> or Song of Songs

17. Identify these terms from organic chemistry for the stated number of points.
1. 5:   A term describing an object that is not superimposable on its mirror image.   Answer: chiral
2. 10: As opposed to diastereomers, these are stereoisomers that are related as an object and its nonsuperimposable mirror image.   Answer: enantiomers
3. 15: A Lewis base, or an atom that has an unshared electron pair which can be used to form a bond to carbon.   Answer: nucleophile

18. Identify the following works by William Makepeace Thackery from clues for ten points each.
1. This novel features the characters William Dobbin, Rawdon Crawley, Amelia Sedley, and Becky Sharp.
           Answer: Vanity Fair
2. The sequel to Henry Esmond, this novel relates the story of George and Harry Warrington, the twin granddaughters of Colonel Henry Esmond, who grow up in America and fight on opposing sides in the American Revolution.
           Answer: The Virginians
3. The narrator of this novel is an Irish scoundrel who manages to involve himself in a steady succession of affairs, feels unjustly persecuted, and dies in Fleet prison.
           Answer: The Memoirs of Barry Lyndon, Esq., Written by Himself

19. Answer the following questions about the Irish Potato Blight, and ensuing Great Famine, and its political aftermath, for 10 points each.
1. In what decade did the Irish Potato Blight occur?
                                        Answer: 1840s
2. Who was the moderate Irish nationalist leader who tried to better the conditions of the Irish peasants by using peaceful means to try to repeal the Act of Union of 1801?   Answer: Daniel O'Connell
3. Who was the Conservative prime minister of Great Britain who devised a program of relief for Ireland, which included repeal of the Corn Laws?
                                        Answer: Sir Robert Peel

20. Given an acronym used in chemistry, give the full name for which it stands for the stated number of points.
1. 5:   IUPAC   Answer: International Union of Pure and Applied Chemistry
2. 10: LUMO   Answer: lowest unoccupied molecular orbital
3. 5:   NMR   Answer: nuclear magnetic resonance
4. 10: SODAR   Answer: sum of double bonds and rings

21. Identify the psychologists who authored the following works for 5 points each.
1. Young Man Luther   Answer: Erik Erikson
2. Escape from Freedom   Answer: Erich Fromm
3. Memories, Dreams, Reflections   Answer: Carl Jung
4. The Ego and the Id   Answer: Sigmund Freud
5. Walden Two   Answer: B. F. Skinner
6. The Language and Thought of the Child Answer: Jean Piaget

22. Identify this monarch from clues, 30-20-10.
1. He was dominated by his mother early in his reign, and it was she who arranged his marriage to the daughter of Philip III of Spain.

2. The eldest son of Henry IV and Marie de Medici and the husband of Anne of Austria, this man exiled his mother to Blois and took the reins of government.
3. He was king of France from 1610 to 1643 and he relied heavily on the advice of his Chief Minister, Cardinal Richelieu.   Answer: <u>Louis XIII</u>

23. Identify the author from works, 30-20-10.
1. <u>Leaf Storm</u>, <u>No One Writes to the Colonel</u>
2. <u>Big Mama's Funeral</u>, <u>The Autumn of the Patriarch</u>
3. <u>One Hundred Years of Solitude</u>, <u>Love in the Time of Cholera</u>
                                          Answer: Gabriel Garcia <u>Marquez</u>

24. Given a song, aria, etc., identify the composer who created it for 10 points apiece, or for 5 points if you need the larger work in which it is found.
1. 10: Waltz of the Flowers
   5: <u>The Nutcracker</u>   Answer: Peter <u>Tchaikovsky</u>
2. 10: In the Hall of the Mountain King
   5: <u>Peer Gynt</u>   Answer: Edvard <u>Grieg</u>
3. 10: The Dance of the Clowns
   5: incidental music to <u>A Midsummer Night's Dream</u>
                                          Answer: Felix <u>Mendelssohn</u>

25. Differential staining techniques are very useful diagnostic tools in the field of microbiology. For 15 points apiece, identify the following two types of differential staining.
1. Named for a Danish bacteriologist, this method involves staining first with Crystal Violet, then treating with iodine and alcohol, and finally applying a counterstain. It differentiates bacteria based on the composition of their cell walls.   Answer: <u>Gram's</u> stain
2. This procedure is especially useful in observing members of the genus Mycobacterium, which are resistant to the Gram stain, and involves treatment with a phenolic stain such as carbol fuchsin, then an acid-alcohol mixture, then a counterstain for contrast. It differentiates based on the presence or absence of a waxy, lipoidal cell wall.
                    Answer: <u>Acid-fast stain</u> (Ziel-Neelsen method)

26. Given the name of a well-known character from a television show no longer being made, identify the actor or actress who played the character. 5 points each.
1. Vinny Barbarino   Answer: John <u>Travolta</u>
2. Heathcliff Huxtable   Answer: Bill <u>Cosby</u>
3. William Riker   Answer: Jonathan <u>Frakes</u>
4. Mallory Keaton   Answer: Justine <u>Bateman</u>
5. Hoss Cartwright   Answer: Dan <u>Blocker</u>
6. Potsie   Answer: Anson <u>Williams</u>

27. Given a brief description, identify the Alfred Hitchcock film for 10 points each.
1. Starring Grace Kelly, this 1954 film tells the story of an ageing tennis champion who tries to arrange the death of his wife so that he will inherit her money.   Answer: <u>Dial M for Murder</u>
2. In this 1959 movie, a businessman is mistaken for a spy, and then enemy agents try to kill him. It starred Cary Grant, Eva Marie Saint, and Martin Landau.
                              Answer: <u>North by Northwest</u>
3. This film tells the story of the naive young second wife of a Cornish

landowner, who is haunted by the image of her husband's first wife.

Answer: <u>Rebecca</u>

28. Identify the island on which you would find the following cities for 5 points each.
1. Palma   Answer: <u>Majorca</u>
2. Aukland   Answer: <u>North Island</u>
3. Qaqortoq   Answer: <u>Greenland</u>
4. Manila   Answer: <u>Luzon</u>
5. Fort-de-France   Answer: <u>Martinique</u>
6. Nagasaki   Answer: <u>Kyushu</u>