

**SET B**

1. Led by Walter V. Waters, they left Portland, Oregon and eventually gathered in the Anacostia Flats of Washington DC, numbering 20,000. General Douglas MacArthur was ordered to disperse their camp on July 28<sup>th</sup>, 1932, ending a riot of the 4,000 that remained. Congress eventually gave them monetary compensation in 1936. FTP, name this "army" that sought to collect World War I veterans' bonuses during the Great Depression.

ANSWER: Bonus Army or Bonus March or Bonus Expeditionary Force

2. When it first appeared in 1847, its most criticized aspect was its meter—critics apparently felt that hexameter was too complex for a *Tale of Love in Acadie*. The son of the village blacksmith, Gabriel, is abducted by English soldiers during an invasion, and his fiancée, the title character, spends her life looking for him. She finally finds him on his deathbed, and they die together. FTP, name this poem by Longfellow which begins, "This is the forest primeval."

Answer: Evangeline

3. The tenets for it were laid down in the 1923 work *Toward a New Architecture*. Using glass and steel as its primary construction materials, it emphasized rectilinear forms, surfaces free of decoration, open interior spaces, and a weightless look. Including such buildings as Chicago's Lake Shore Drive Apartments and the Seagram Building, this is, FTP, what style of architecture whose members included Le Corbusier, Mies van der Rohe, and Gropius?

Answer: International style

4. The observation that all cheetahs are highly susceptible to disease results from the fact that almost all cheetahs are almost identical. Its effects are magnified the longer the population remains low. Specifically non-microevolutionary events such as natural disaster may cause this effect. FTP, name this effect in which a natural disaster drastically reduces a population, resulting in genetic drift.

ANSWER: Bottleneck Effect

5. It was written, in its author's words, as "my response to the implications of having everything run by little boxes." The book was not widely read anywhere except Schenectady, New York, when first published. It describes a world in which machines and engineers rule, and the laborers have become an underclass. The author satirizes his old employer, G.E., throughout the book. Eventually, the lead characters decide to plot against the existing order. FTP, name this work featuring Paul Proteus, the first work by Kurt Vonnegut.

Answer: Player Piano

6. This philosopher's ideas revolve around a central idea of cognitive psychology today: how does the real world correlate with our perceptions. This philosopher claimed that it was the representation that made the object possible, and not the other way around. His major work details two theories: that the fundamental activity of the mind, called "synthesis," is an activity of thought that applies certain concepts to a previously given perceptual datum from experience; and that this synthesis would have to produce the whole structure of consciousness. FTP, name this philosopher, author of *Critique of Judgment*, *Critique of Practical Reason*, and *Critique of Pure Reason*.

Answer: Immanuel Kant

7. Born a Quaker, he was interested in technology during his childhood. Due to ill health, he was forced to travel around the world. On one trip, he accompanied Henry Christy into Mexico, and after the trip he published *Anahuac, or Mexico and the Mexicans*. He went on to publish *Life of Dr. Rolleston* later. His major work concerned animism and its place in advanced and primitive cultures. FTP, name this anthropologist, author of *Researches into the Early History of Mankind and Primitive Culture*.

Answer: Edward Tylor

8. His first book was about child-rearing, called *Listen, Mom and Dad*. However, this author is more famous as a science-fiction writer. He has written many short sci-fi stories, including "Quietus," "Fat Farm," and "Dog Walker." In fact, his most famous novel started out as a short story. His novels include *Lost Boys*, *Memory of Earth*, part of the Homecoming saga, and *Red Prophet*, part of the Alvin Maker series. FTP, name this author of *Xenocide*, *Speaker for the Dead*, and *Ender's Game*.

Answer: Orson Scott Card

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10. The author claims to recreate this novel from letters written to a mysterious Lady, which reveal the letter writer's secret mission on behalf of the French monarchy. His companion Father Caspar dies trying to walk underwater encased in a large leather bell, leaving the letter writer stranded alone on board the *Daphne*, where he was ironically washed up when his own ship wrecked. Roberto finally teaches himself to swim and sets off toward the title location, where he believes that by crossing an invisible longitude line, he will be able to travel into his own past. FTP name this recent novel by Umberto Eco.

Answer: *The Island of the Day Before*

11. Surprisingly, this man's political party has increased its approval rating by four percent after making comments such as calling the members of the Waffen SS "members of the army who should be honored" and concentration camps "punishment camps." After making such statements he was forced to resign from his governorship of Carinthia, yet was reelected shortly thereafter. FTP, name this man, the head of Austria's Freedom Party.

Answer: Joerg Haider

12. It is defined as an image or form that is given life through a magical formula, such as the power of the letters of the divine name. In the Middle Ages it was believed that there were wise men that could instill life in effigies, which then took physical form. The most famous one was called forth to protect its creators in Prague in popular myth, although its appearance on the X-Files was also quite memorable. FTP identify this mythical clay creature which is summoned to protect its creators in Jewish mythology.

Answer: Golem

13. The principal attraction of this city is the Hassan II Mosque, which after Mecca is the largest religious site in the Islamic faith. Other points of interest are the United Nations Square and the Arab League Square. At the heart of the city is the old medina, or original Arab town that is still enclosed by its original ramparts. The most spoken languages in this city are French and Arabic, but because of its proximity to the coast, some Spanish is spoken as well. FTP points identify this largest Moroccan city, which is Portuguese for "white house."

Answer: Casablanca

14. Major cultural achievements were the development of drama and the novel and the increased use of the written vernacular. The Mongols' extensive West Asian and European contacts produced a fair amount of cultural exchange. Western musical instruments were introduced to enrich the Chinese performing arts. From this period dates the conversion to Islam, by Muslims of Central Asia, of growing numbers of Chinese in the northwest and southwest. FTP name this dynasty, the first alien dynasty to rule all China, ruling from 1279 to 1368.

Answer: Yuan Dynasty

15. General Thomas Jesup performed a very dishonorable act by capturing this leader under a flag of truce. Briefly imprisoned before, his second imprisonment ended in his death in the Fort Moutrie, South Carolina prison in 1837. FTP, name this Native American leader, who fought the Federal Government from the Everglades while preventing the deportment of his people, the Seminoles, west.

ANSWER: Osceola

16. He was not immediately banished from the home of the gods like his siblings, but the gods changed their minds when they heard a prophecy that he would kill their king. They bound him with the ribbon Gleipnir made of ingredients like the beard of a woman, the roots of a mountain, and bird spittle. Upon realizing he'd been betrayed, he bit off Tyr's hand which had been placed in his mouth as a pledge of faith. FTP, name the eldest child of Loki and Angrboda, the giant wolf.

Answer: Fenrir or Fenris

17. One statement of this law is the Clausius form, which maintains that it is not possible in a cyclic process for heat to flow to a body of higher temperature without some other simultaneous change. Another equivalent statement is the more familiar Kelvin-Planck form, which says that it is not possible for a cyclical process to convert heat entirely to work without some other simultaneous change. FTP, name this numbered law of thermodynamics that keeps you from building a 100% efficient engine.

Answer: second law of thermodynamics

18. In one of her works, she proclaims that she knows only three geniuses: Picasso, Alfred North Whitehead, and herself. One of her less famous works is the novel, *Lucy Church Amiably*. However, she is better known for her opera with Virgil Thompson, *Four Saints in Three Acts* and her *Autobiography of Alice B. Toklas*, which in fact is really a biography about her. FTP, name this early 20<sup>th</sup> century writer, famous for her words "A rose is a rose is a rose is a rose."

ANSWER: Gertrude Stein

19. Perchloric acid, sulfuric acid, hydriodic acid, hydrobromic acid, hydrochloric acid, and nitric acid. As long as they are not too dilute, they produce a high concentration of H<sup>+</sup> that makes the H<sup>+</sup> produced by the self-ionization of water negligible. When these are mixed with a weak base, an acidic salt is produced. FTP, name these substances that ionize completely to H<sup>+</sup> and another ion in water.

Answer: strong acids

20. Athena's invention of the flute was said to be inspired by the hissing lamentation of these sisters. The two less famous ones, Stheno and Euryale, don't appear in many myths, but the third, the only mortal of the trio, is a famous victim of Perseus, whom he defeats with the help of his mirror-like shield. FTP give the collective name for these snake-haired sisters who include Medusa.

Answer: Gorgons

21. The background setting is the fork of the path through a garden. The subject of this Impressionist painting wears a blue dress trimmed with white lace and has a red bow tied in her hair. She looks off to the right of the viewer, holding a few daisies in one hand and the title object in the other. FTP, name this 1876 portrait by Renoir.

Answer: *Girl with a Watering Can*

22. The title character's favorite games are playing Black-scout and Indian, which gives him his title nickname. Bill and Sam meet him down in southern Alabama when the idea strikes them to earn some quick cash by kidnapping someone and holding them for ransom. Unfortunately, they pick a "forty-pound freckled wildcat" named Johnny Dorset who is so obnoxious that they eventually pay his father to take him back. FTP name this short story by O. Henry.

Answer: *The Ransom of Red Chief*

23. Population; income; preferences; expectations of future prices and income; prices of substitutes and complements. These are some of the factors that will shift one of these. For a linear one, the point of unit elasticity is where total expenditure is maximum. A perfectly elastic one is horizontal, while a perfectly inelastic one is vertical. FTP, name this curve that is a downward-sloping relation between price and quantity demanded.

Answer: demand curve

24. Some say that he married Medea, while others say he fell in love with Penthesilia, the amazon whom he killed in battle. However, he is better known for his military heroics. His mother after hearing a prophesy of his death in the Trojan war, sent him to the Court of Lycomedes in the disguise of a young girl, but Odysseus was not fooled and eventually he went with the Greeks to Troy. After his friend Patroclus was killed while wearing his armor, he killed the Trojan hero Hector and then desecrated his body. FTP, identify this Greek warrior, perhaps most famous for his vulnerable heel.

Answer: Achilles

25. Cell replication control factors check cell division during this phase. During its second phase, S, each chromosome replicates to produce two sister chromatids, while still in an extended state. The third phase, G2, condenses the chromatids and prepares the cell for division by replicating centrioles. FTP, name this portion of the mitotic cell cycle that takes place after cytokinesis and before prophase.

ANSWER: Interphase

26. The first philosopher of this school was Antisthenes, who lived like a laborer and called for no private property or organized religion. His more radical pupil's disgusting lifestyle led people to call him doglike, from which the school gets its name. Its followers believed that the only distinction of value is that between truth and lies; everything else is irrelevant. Its meaning has changed to denote the belief that everyone acts for the worst possible motives. FTP, name this school of ancient Greek thought whose most famous proponent was Diogenes.

Answer: Cynicism

27. None of his plays have been performed in his native country since 1986, and after publication of his play *Fugitives* all his works were banned there. Currently residing in Paris, France, for a while he supported himself by making large ink paintings. English translations of his works include a collection of plays entitled *The Other Shore* and the novel *One Man's Bible*. FTP name this Chinese author of *Soul Mountain*, winner of the 2000 Nobel Prize for Literature.

Answer: Gao Xingjian

28. Some of its newer features include namespaces, the Standard Template Library, and safe typecasting. It also keeps many dated features from its predecessor including void pointers, structs, and global variables. It is considered difficult to use by some because memory must be freed manually, but it offers fast performance because it is always compiled to native code. The first example in most textbooks using this language is the infamous program that displays "hello, world" on the screen. FTP, name this widely used computer programming language, the object-oriented successor to the C language.

Answer: C++

29. "I stopped believing in Santa Claus when my mother took me to see him in a department store, and he asked for my autograph." She would have gotten the role of Dorothy in *The Wizard of Oz*, but 20<sup>th</sup> Century Fox wouldn't lend her to MGM. FTP, identify this child actress who was famous for her dimples.

Answer: Shirley Temple

30. Its name is derived from the Kyrgyz word meaning "Sea of Islands" as there were more than 1,000 islands of a size of 2.5 acres or more strewn across its waters. Many of these islands have joined the mainland due to the shrinking size of the sea. In the late 1990s Vorozhedya Island became a specific concern because it had been a Soviet testing ground for biological weapons during the Cold War and live anthrax spores were found there in 1999. FTP identify this body of water bordering Uzbekistan and Kazakhstan that was once the fourth largest body of water in the world.

Answer: Aral Sea

31. It belongs to the same order, Crossopterygii, as the ancestors of the entire amphibian populations, and it was first identified by the British amateur James L.B. Smith. Weighing 80 kilograms or more with a three-lobed tail, fossils have been dated in abundance to approximately 400 million years ago. FTP, name this deep-dwelling bony fish thought to be extinct until re-discovered in 1938 off the coast of South Africa.

Answer: coelacanth

32. In preparation for this event, worshippers wear two seamless garments, avoid sexual intercourse, and cutting of hair and nails, procedures known as ihram. Participation can be exempted if provided one cannot afford it and sufficient provisions exist to leave for his family in his absence. Activities during this event include walking seven times around the Ka'bah and touching and kissing the Black Stone. FTP identify this fifth pillar of Islam, the annual pilgrimage to Mecca prescribed for every Muslim once in a lifetime.

Answer: Haji

33. It originated in the 1950s among a people who advocated violent resistance to colonialism. By 1952 a state of emergency had been declared and the government launched a counter offensive against the rebels. By 1956 more than 11,000 thousand rebels had been killed along with 100 Europeans and 2,000 African loyalists. Its leader, Jomo Kenyatta, had been jailed but became Prime Minister at independence 10 years later. FTP identify this Kikuyu movement to end British domination in Kenya.

Answer: Mau Mau

34. They are members of the world's newest and most persecuted minority group. In a highly reminiscent scene, Senator Robert Kelly displays a list of all of the members of this group so they can be persecuted, only to find out later on that he becomes one of them himself. Led by Professor Charles Xavier, portrayed by Patrick Stewart, this group of men and women are allied against the demonical Ian McKellan, or Magneto. FTP, identify the movie starring James Mardson, Hugh Jackman, Famke Janssen, Halle Barry, and Anna Paquin as the title characters.



Answer: X-Men

35. In early July the candidacy of the Prince Leopold, a relative of the Prussian king, for King of Spain had alarmed the French who were concerned of a Prussian-influenced Spain. His candidacy was withdrawn and the French ambassador to Prussia asked King William that no members of his family become candidates for the Spanish throne. The news reached Bismarck, whose edited version was published the next day. FTP identify this dispatch whose altered version goaded the French into the Franco-Prussian War.

Answer: Ems Telegram or Dispatch

36. The Shoho, the Zuikaku, and the Shokaku were sent from bases in the Central Pacific to escort an invasion force bound for Port Moresby. The Lexington and the Yorktown were scrambled to intercept. Sorties against the Japanese sank the carrier Shoho and heavily damaged the other two, while the Lexington was destroyed. Known as the first sea battle in which the opposing ships never saw each other, this is, FTP, what battle that took place on May 8, 1942 that prevented the Japanese from seizing the rest of New Guinea?

ANSWER: Battle of the Coral Sea

37. Its name comes from the Greek word meaning handed. The E-Z system is based on the Cahn-Ingold-Prelog convention for assigning configurations for this type of atom. Its convention is based on the R and S denotation. FTP, name this property of a molecule, in which the molecule is different from its mirror image.

ANSWER: Chirality

38. The product approach, income approach, and expenditure approach are all ways to calculate it. It is equal to national income plus indirect business taxes, consumption of fixed capital, and net factor payments. It's also equal to the sum of consumption, investment, government spending and net exports. FTP, name this quantity that measures the value of all final goods and services produced within a nation's borders.

Answer: gross domestic product (prompt on GDP)

39. The introduction to this work is by T. Burnet, slightly edited by the author, which tells of how there must be more invisible beings than visible ones in the Universe. The title character sailed south until he hit the Line, but storms carried him farther towards the South Pole, and then an Albatross came and followed them until the title character killed it. FTP, name this work, in which an old seafarer tells his tale to a wedding guest, written by Samuel Taylor Coleridge.

Answer: The Rime of the Ancient Mariner

40. In the early 1880s when this man decided how he was going to use his artistic talent, he bought a sheep farm in Kansas and moved in to start painting. Early works like his illustrations for Longfellow's poem *The Song of Hiawatha* were precisely detailed, but in later works he gave more preference to action, like the bronze sculpture *Bronco Buster*, in his lifelong quest to record the Old West before it disappeared. FTP, name this American sculptor and painter of Western themes.

Answer: Frederic Remington

41. There is a theorem that states that in the absence of friction, the change in kinetic energy of a body is equal to this quantity. In thermodynamics, it is equal to the integral of pressure with respect to volume, while in mechanics it is equal to the line integral of force with respect to position over the path traveled by the particle. This expression can be simplified somewhat, however, if the force is constant acting along a straight line. FTP, name this quantity, which, in the simplest case, is equal to force times distance.

Answer: work

42. Based on a short plot by Mariette Bey, the Khedive of Egypt commissioned the composer to write this opera. Involving the struggle between the title character and Amneris for the love of Radames, it involves a triumphant march and a two level scene in which the two lovers are buried alive underneath the resplendent temple of Ptah. FTP, name this very famous opera of Giuseppe Verdi.

ANSWER: Aida

43. In 1798 a British navigator, John Fearn was the first European to visit this island. It was annexed by Germany in 1888 and after the discovery of phosphate deposits on the island in 1906 a British company began to exploit the deposits, dividing the profits with a German firm. It was occupied by the Japanese during WWII, and in 1947 it became a U. N. Trusteeship administered by Australia. FTP, name this island with its capital at Yaren.

Answer: Nauru

44. The resolve to practice the faith. The avoidance of falsehoods, slander, or abusive speech. The abstention from taking life, stealing, and improper sexual behavior. The rejection of lifestyles not in keeping with existing principles. The avoidance of bad and development of good mental states. Meditation. Faith in the view of the nature of existence in terms of the Four Noble Truths. These make up FTP, what doctrine espoused by Buddha to elevate oneself to the state of nirvana.

Answer: The Eightfold Path

45. The German assault forces consisted of fifty divisions containing 900,000 troops, and 17 armored divisions containing 2,700 tanks and mobile assault guns. The Germans had hoped to surprise the Soviets on July 5 but the Soviets had placed strong antitank defenses and minefields. By July 12, the Soviets had launched a counter offensive at the cities of Oryol and Kharkiv. FTP identify this WWII battle, the largest tank battle in history.

Answer: Kursk

46. For a cylinder, it is proportional to the length divided by the natural logarithm of the ratio of the radii. For a sphere it is proportional to the product of the radii divided by their difference. For parallel plates it is proportional to their area divided by their separation. It can be changed by filling the device with a dielectric material. If you multiply it by one-half the voltage squared, you'll get the amount of energy stored in the electric field. FTP, name this electromagnetic quantity which describes how much charge a device such as a capacitor can store for a given potential difference, measured in farads.

Answer: capacitance

47. Some of their many goals included the simplification of the national language, equality of men and women and common ownership of land. Some of them even proposed the development of industry and the establishment of a democracy. The never instituted these reforms as, however they did render the ruling Ch'ing Dynasty incapable of controlling the country and giving way to the Communist and National Movements. FTP, name this group, who lead a namesake rebellion in the 1860s.

Answer: Taiping Rebellion

48. One of the odd-looking characters in this story is the foreigner dressed in Bavarian clothes who inspires a desire to travel in the protagonist. Another is the old man on the boat who tries to act young, foreshadowing the protagonist's own makeover. The most significant is a Polish boy named Tadzio who is followed around by the protagonist until a plague spreads through the title city. FTP name this short story by Thomas Mann which relates the last days of Gustav Aschenbach.

Answer: A Death in Venice

49. His writings caused the eventual shutdown of a newspaper of which he was editor. His writings included his theories on historical materialism. After he was thrown out of Belgium, he started a *neue* version of his old newspaper, the *Rheinische Zeitung*. He was also eventually thrown out of France and Germany. His writings, such as *Critique of Political Economy*, argued against the capitalist system and called for an international working-class revolution. FTP, name this man, Engel's partner in devising communism.

Answer: Karl Marx

50. His biographer was Eadmar the Monk of Canterbury. Born in 1033, he replaced Lanfranc as Archbishop, but because he opposed lay services, he fled England twice. Some of his more famous works include "Why God Became Man" and Prologium. FTP, name this theologian, most famous for his ontological proof of God.

ANSWER: Anselm

51. The mission "The Battle of New Gettysburg" features Sarah Kerrigan exploits and her abandonment by Arcturus Mengtsk, leader of the Sons of Korhal and future Terran Emperor. Nicknamed "Orcs in Spaces" early in development, it won several awards for best cut-scenes and game of the year. Featuring the Protoss, Zerg, and Terran races, FTP, what is this computer game published by Blizzard Entertainment, the third in the Warcraft series?

ANSWER: Starcraft

52. Her father wanted a boy so badly that when she was born he exposed her on a hill where she was suckled by a bear sent by Artemis. She is best known for participation in male-oriented activities such as hunting and wrestling, and some sources even say that she was a crewmember of the Argonaut. During the Calydonian Boar Hunt, she is remembered for slaying the beast and receiving its pelt and the affection of Meleager. FTP identify this Greek mythical heroine, the wife of Melanion and the mother of Parthenopaeus.

Answer: Atalanta

53. Beginning as three hundred miles of buffalo paths and Native American trails, it was initially traced in 1750 by Thomas Walker. Thirty axemen, employed by the Transylvania company, cut out the few miles of the road, led by Daniel Boone, the first pioneer to traverse its entire length. FTP, identify this trail, also known as Boone's Trace, running through the Cumberland Gap, the route of passage for some 200,000 settlers into Tennessee and Kentucky.

ANSWER: Wilderness Road

54. Two pairs make a linear arrangement, three are trigonal planar, four are tetrahedral, five are trigonal bipyramidal, and six pairs are octahedral. For example, methane and water, which both have four electron pairs, arrange themselves in a tetrahedral shape with bond angles of approximately 109.5 degrees, while boron trifluoride with three pairs ends up with bond angles of about 120 degrees. All of this is done to minimize repulsion between electron pairs. FTP, name the chemical bonding model that describes molecular geometry based on the mutual repulsion of electrons.

Answer: valence-shell electron pair repulsion model or VSEPR

55. He published his first book, *Eighteen Poems*, in 1934. Among his other poetic works are *Fern Hill* and *Adventures in the Skin Trade*, both of which reflect his national pride. Other works, including *A Refusal to Mourn the Death of a Child, by Fire, in London* and *Portrait of the Artist as a Young Dog*, and



his radio play *Under Milk Wood*, describe his Welsh background. FTP, name this poet of *Do Not Go Gentle Into That Good Night*.

Answer: Dylan Thomas

56. He spent his early years in Italy and first came to Spain in 1947 for his education. In 1955 he entered the General Military Academy of Zaragoza and later attended the Naval Military School at Marín in Pontevedra, the General Academy of the Air at San Javier in Murcia, and the University of Madrid. He swore an oath of loyalty to Francisco Franco in 1969 but has demonstrated much more liberal tendencies since he ascended to the throne in 1975. FTP identify this current king of Spain.

Answer: Juan Carlos

57. Charles Chuancy attacked this movement, leading to the founding of a counter-movement, the Unitarian Church. The division over this movement led to a separation between the Old Lights and the New Lights. George Whitefield's itinerant preaching provided its major impetus, which spread throughout the American colonies. FTP, name this religious revivalist movement of the early 1740s.

ANSWER: The Great Awakening

58. The jealousy of Mr. Blif gets this man kicked out of his home by his adopted father. Wandering the world in despair, he teams up with Partridge, thought by many to be his real father. Though forbidden by his low birth and Squire Western's protectiveness to court Sophia Western, he follows her to London, where his true parentage is finally revealed by his mother Jenny. FTP, name this foundling whose history was recorded by Henry Fielding.

Answer: Tom Jones (accept either name)

59. Although some of the figures, such as the girl in white, were added on the artist's whim, and others, like the company drummer, got in for free, most members of the group had to pay to be included. This gigantic canvas was later cropped on three sides to make it fit a wall, cutting out at least three people. The two figures walking toward the viewer are known to be Lieutenant Willem von Ruytenburgh, dressed in white, and Franz Banning de Cocq, who looks out at the viewer as he gives Ruytenburgh his orders. FTP, name this large group portrait painted by Rembrandt.

Answer: Night Watch or The Militia Company of Captain Frans Banning Cocq

60. He received military training early in life, becoming part of a Jewish defense force that protected kibbutzim from raids by Bedouins. During the war for independence he was involved with intelligence and reconnaissance and led a controversial attack on Jordan in 1953. In 1967 he was made a major general and during the Yom-Kippur War he captured the strategic Mitla pass and in 1973 he spearheaded the Israeli attack on the Suez Canal. FTP identify this Israeli general and politician whose recent visit to al-Asqua has provoked recent violence in the Israel.

Answer: Ariel Sharon

61. Detected by the RhoGAM test, only upon a subsequent pregnancy can there be possible negative effects. Occurring in 85% of Caucasians, nearly 100% of other populations are positive. The final 15% at the fetal stage may be at risk for erythroblastosis fetalis. Discovered in studies of monkeys by Karl Landsteiner, FTP, what is blood cell coating protein, source of possible allergic reactions between a positive fetus and negative mother?

ANSWER: Rh Factor

62. The violinist Leopold Auer refused to premiere this man's *Violin Concerto in D*, as did Nicholas Rubinstein, who rejected the premier of his *Piano Concerto in B flat minor*, both due to the difficulty of the

piece. Other works include the opera *La Pique Dame* and the tone poem *Francesca da Rimini*. FTP, name this composer whose famous works include the opera *Eugene Onegin* and the *1812 Overture*.

ANSWER: Peter Ilyitch Tchaikovsky

63. It will be preceded by Fimbulvetr, the winter of winters. Conflicts between families will occur and all morality will disappear. The wolf Skoll will devour the sun and his brother Hati will devour the moon. The stars will disappear from the sky, plunging the world into darkness. Surt will fling fire in every direction, and the nine worlds will burn, and friends and foes will perish. The earth will sink into the sea. FTP name this Norse tale of the end of the cosmos.

Answer: Ragnarok

64. The creator of the series actually cannibalized the parts of three imported series into three seasons. The final series deals with the Invid invasion, and ends with the destruction of Regent. The second deals with the invasion of the Masters, while the first, most famous one deals with Rick Hunter and Minmei's fight against the Zentraedi hordes. FTP, name this American anime series, featuring grand space fights and copious missile flumes.

ANSWER: Robotech

65. The author does not explain how the title event happened; this story simply begins by describing the main character's difficulty in getting up one day. His failure to go to work is the least of his problems, as he never leaves his apartment again. His sister Grete takes care of him for a while, but she becomes more and more alienated from him. Seriously injured when his father throws an apple at him, Gregor stops eating and dies a few weeks later. FTP name this short story about a man who turns into an insect, written by Franz Kafka.

Answer: *The* Metamorphosis

66. This quantity derives from a measurement system developed by Hipparchus, although his system had only six possible values. The modern system is based on each value corresponding to the fifth root of 100 times the previous value. This quantity can also be classified as apparent, in which case it depends on the distance from the observer, or absolute, where all objects are assumed to be at a distance of ten parsecs. FTP, name this quantity used to describe the brightness of stars.

Answer: magnitude

67. In an unidentified department somewhere in St. Petersburg, a small, red-haired, ninth-class clerk manages fairly well on four hundred rubles per year until the tailor Petrovich tells him he has to buy the title object. The clerk scrounges up the eighty rubles to buy it, but it is stolen from him as he walks home from a party. Akaky Akakievich dies from the shock and haunts the streets as a ghost, ripping the coats off the backs of all the passersby. FTP, identify this short story by Nikolai Gogol.

Answer: *The* Overcoat

68. The Reciprocal Aid agreement allowed the stationing of American troops overseas to settle portions of indebtedness. 35 nations, including the Netherlands, Belgium, the Free French, China, and even the Soviet Union participated. Enacted in early 1941, FTP, name this policy in which the US sold and lent weapons and material to the allies prior to and during World War II.

ANSWER: Lend – Lease

69. Signed aboard a warship in Argentina Bay, it proclaimed the right of all peoples to choose their own form of government and not to have boundary changes imposed on them. The right of all nations to have access to the earth's natural resources was also recognized. It expressed the conviction that humanity

must renounce the use of force in international relations, and affirmed the need for disarmament. FTP, name this August 14<sup>th</sup>, 1941 agreement that laid the groundwork for the United Nations.

ANSWER: The Atlantic Charter

70. They exhibit drastically increased viscosity and their structural-relaxation time is increased with decreasing temperature. Equilibrated but metastable, they are usually made by their purity, since then there is no particle around which to crystallize. FTP, name this class of substance, exemplified by glass, in which a liquid is cooled below its freezing point but does not freeze.

Answer: supercooled liquids

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**STOP HERE**

71. James Dunn won an Oscar for his role in the Elia Kazan film based on this 1943 novel, which is set in the neighborhood of Williamsburg in the title city at the turn of the century. The main character overcomes her father Johnnie Nolan's early death, a traumatic experience with a sex offender, and her brother Neeley's imprisonment to help her family rise out of poverty. The title object symbolizes Francie and her family, and the inscription at the beginning of the book says that it would be beautiful except there are too many of it. FTP, name this novel by Betty Smith.

Answer: *A Tree Grows in Brooklyn*

72. Things might have gone differently had Captain Charles Wilkes of the USS San Jacinto brought the entire mail steamer into port. Unfortunately, Wilkes's decision to only take the James Mason and John Slidell into custody resulted in the arousal of British anger. FTP, name this incident named after the eponymous ship in October 1861.

ANSWER: Trent Affair

73. Commissioned by a French city to commemorate an event of the Hundred Years War, a copy of it is now located in London's gardens of Parliament. One man holds his head in his hands, another looks back over his right shoulder and upraised right hand, while a third stares resolutely ahead. The six men are barefoot and dressed in sackcloth, symbolizing their humility as they offer themselves as hostages to England in exchange for the lifting of the siege on their city. FTP, name this 1888 sculpture by Auguste Rodin.

Answer: *The Burghers of Calais*