1999 Terrapin Invitational Tournament (Really Late) Questions by Illinois & John Nam TOSSUPS

T1. They were finally crushed by Amasis I at the battle of Tanis, which was an alternate name for their capital. Their conquests were furthered by a type of rectangular fortification of beaten earth used as fortress, examples of which have been found at Shechem, Lachish, and Jericho. Under Auserre Apopi I their rule was weakened by the Theban revolt, and the natives, led by Ahmose, finally ended their rule in 1521 BC. Spreading out from their capital at Avaris, they introduced such innovations as the horse-drawn chariot. FTP, identify this foreign people who ruled Egypt as its 17th dynasty.

Answer: \_HYKSOS\_

T2. It begins with a prologue in which the animals of a circus are introduced, and each animal symbolizes a character in the story that follows. Some of the impressive vocal episodes in the opera include the duet of the title character and Alva in Act II, and the Countess Geschwitz' tender farewell. The opera proper is concerned with the numerous illicit love affairs of the the title character, until she turns into a prostitute and is eventually slain by Jack the Ripper. FTP, identify this unifinished opera, which along with \_Wozzeck\_, is one of only two operas by Alban Berg.

Answer: LULU

T3. One part of it can assume a number of states, S sub one, S sub 2, and so on until S sub N, though this part can be affected by a theoretical conflict known as the "halting problem." The other part of it, a series of characters, C sub one, C sub two, and so on until C sub N, can be written so that each character occupies a finite space along a tape. Its operation can be described by a quadruple consisting of "S" and "C" which provides instruction for the movement of the tape through the computing element one square at a time. FTP, identify this automaton that is theorized to infallibly recognize undecidable propositions.

Answer: \_TURING MACHINE\_

T4. We can deduct that John is the dead husband of the title character, and that George was her first love, though we are not sure whether Hapsy is a sister or a daughter. The title character is visited by such people as Father Connolly and Doctor Harry in this story. She wants to see her children, Lydia and Jimmy, one more time, and they do come by the end. She lives with her daughter Cornelia, who is caring for her in her dying moments, which are depicted in this work. FTP, identify this short story by Katherine Anne Porter, a fictionalized account of her grandmother's death.

Answer: The JILTING OF GRANNY WEATHERALL

T5. The name's the same: one was a son of Minos and Pasiphae, who died as a child but came back to life with the help of a magical herb. Another was a fisherman from Anthedon, who became a sea-god and loved the nymph Scylla. Yet another was the son of Sisyphus and father of Bellerophon, who was devoured by his own horses. FTP, identify this shared name, of which the most famous might be the Trojan hero who gained the bronze armor of Diomedes by exchanging his own gold protective covering.

Answer: GLAUCUS

T6. This bill would not have passed had not the chairman of the Senate Judiciary Committee, George Edmunds of Vermont, strongly supported it. The Supreme Court changed its stance on this law in a famous case involving the Aluminum Company of America, twenty years after the "rule of reason" interpretation had been applied to it. It outlawed all combinations that restrain trade between states or with foreign nations, and it made illegal all attempts to monopolize any part of trade or commerce in the U.S. FTP, identify this 1890 piece of labor legislation.

Answer: SHERMAN ANTI-TRUST Act

T7. In 1965 Robert Holley and colleagues were the first to a complete sequence for this molecule. In addition, several compounds unique to them were detected including inosinic acid, hypoxanthine, and pseudouridine, and activation of them results in the formation of an aminoacyladenylic acid. It is now known that all of them possess a "p, Cp, Cp, A" sequence aT their three prime end, and their D-loop and variable loop are just part of their accepted cloverleaf shape. The primary part is the anticodon end which binds an amino acid and transports it to the appropriate location on the ribosome. FTP, identify this type of RNA.

Answer: \_TRANSFER RNA\_ (or \_tRNA\_) (do NOT prompt on RNA)

T8. Early on in this work, the author states "I will not falsely claim that my art is your gift, O Phoebus," in a reference to the god of prophecy. In the section dedicated to "you, Penthesilea, and your troop," the woman is advised to guard herself from stubbly legs and underarms and bad breath. Earlier in the work, a 42-line digression honoring Augustus' victories in the eastern Mediterranean follows an explanation of why the Circus Maximus is a good place to meet women. The work tells how to find a girl, woo her, and make the relationship endure. FTP, identify this work of Ovid also known as Ars Amatoria.

Answer: The \_ART OF LOVE\_ (accept early \_Ars Amatoria\_)

T9. In 1927 this man began working with the founder, Wesley Mitchell, at the Nation Bureau of Economic Research. The massive \_National Income and Its Composition, 1919 to 1938\_ is considered his major work. This economist linked underlying factors such as population with the existence of cyclical variations in growth rates, which are now known as his "cycles." Generally credited with developing the Gross National Product as a measure of economic output, FTP, identify this Russian economist, the 1971 Nobel Prizewinner.

Answer: Simon KUZNETS

T10. Their early rebellious actions had been directed against the government of President Friedrich Ebert. Gustav Noske was sent to put down the largest revolt organized by this group, whose ancillary members included Clara Zetkin and Franz Mehring. They took their name from the pseudonym their leader when writing pamphlets denouncing World War I and emperor William II. Led by Rosa Luxemburg and Karl Liebknecht, FTP, identify this radical group of German Socialists that took their name from a famous Roman gladiator.

Answer: \_SPARTACUS LEAGUE\_ (or \_Spartacists\_ or \_Spartakusbund\_)

T11. Arthur Dempster built the first of these devices. They consist of five basic parts including, a high vacuum system and a sample handling system, through which the sample to be investigated can be introduced. In addition, they contain an ion source, in which a beam of charged particles characteristic of the sample can be produced and an analyzer, in which the beam can be separated into its components. F.W. Aston used an early form of them to prove the existence of isotopes in 1919. FTP, identify this device that identifies a chemical substance by measuring the deflection of their ions by electric and magnetic fields to generate a charge-to-mass ratio.

Answer: MASS SPECTROMETER (do NOT prompt on "spectrometer")

T12. Perhaps to serve as a contrast, the noisy character of Miss Dora Finch is introduced just before the central female in this novel. As it opens the title character is seated and admiring a Murillo Madonna in the Salon Carre of the Louvre. He soon runs into an old acquaintance, Tom Tristram, whose wife introduces him to the woman that he falls in love with, a young widow. However, his love will be thwarted by her family, the Bellegardes. FTP, what Henry James novel centers on the relationship between Clair de Cintre and the titular Christopher Newman?

Answer: The AMERICAN

T13. An intelligence analyst for the U.S. during World War II, he headed the Central European Section of the Office of Intelligence Research after the war. In his philosophy he argued that the people of the West "recognize themselves in their commodities; they find their soul in the automobile, hi-fi set, split-level home, and kitchen equipment." With Adorno and Horkheimer, this man founded the Frankfurt Institute for Social Research. In his most popular book, he argued for a sexual basis to the social and political repression in contemporary America. FTP, identify this author of \_Reason and Revolution\_, \_One-Dimensional Man\_, and \_Eros and Civilization .

Answer: Herbert MARCUSE

T14. In this canvas, large copies of Peter Paul Rubens' paintings are situated behind the figure on the left and, ironically, they are diminished by the shadows. Only the friar or priest on the far right has not been historically identified, and we know that the artist added the red cross to his self-portrait on the left two or three years after the painting was completed. The couple reflected in the mirror is believed to be the king and queen, who look at a dog, a dwarf, and the retinue of the princess. FTP, identify this depiction of the Infanta Margarita, a famous canvas of Diego Velasquez.

Answer: LAS MENINAS (or The Maids of Honor )

T15. It started when General Sir James Scarlett's troops and Sir Colin Campbell's 93rd Highlanders beat off two cavalry advances. When guns were being brought in from Vorontsov heights, an ambiguous order by Raglan of Raglan led to the battle's most memorable event. The order was given based on observations made from the heights above Sevastopol; its result was indecisive largely due to the forty percent death rate for the troops of James Brudenell, the 7th Earl of Cardigan. FTP, identify this battle of the Crimean War, that inspired Tennyson's "Charge of the Light Brigade."

Answer: Battle of BALAKLAVA

T16. The primary mathematical portion of this hypothesis is one minus the quantity "v" squared over "c" squared close quantity and taking the square root of that value. It was first put forward in an attempt to explain the negative result of the Michelson-Morley experiment. Einstein showed that it is due not to the actual deformation of the body in question, but to the equivalence of the two systems. Also known as the Fitzgerald, FTP, identify this foreshortening of a moving body in the direction of its motion, a hypothesis named for the Dutchman who presented it.

Answer: LORENTZ CONTRACTION (or Lorentz-Fitzgerald contraction or early Fitzgerald contraction )

T17. With the line "Besides, his goodly fabric fills the eye," the author poked fun at his subject's hefty stature. For a two year period this poem was subtitled "Or a Satire Upon the True-Blue Protestant Poet." Meanwhile, line 42 is a reference to two of the subject's plays, \_The Virtuoso\_ and \_Epsom Wells\_. Its title refers to a recently dead Irish priest, whose lyrics were average at best, and this poem begins, "All human things are subject to decay, / And when fate summons, monarchs must obey." FTP, identify this satirical attack on Thomas Shadwell, a poem by John Dryden.

Answer: MACFLECKNOE

T18. Based on a James M. Cain novel, the dialogue was jazzed up for the silver screen by none other than Raymond Chandler, with the assistance of the director, Billy Wilder. In this 1944 film, Walter Neff plots with Phyllis Diedrickson in an attempt to collect on an accident insurance policy for her husband. The title comes from the fact that, for certain rare types of accidents, the insurance they take out on her husband would pay twice as much as the normal rate. FTP, name this early film noir, which starred Barbara Stanwyk and Fred McMurry.

Answer: "\_DOUBLE INDEMNITY\_"

T19. Upon his ascension he quickly signed two treaties, the Treaty of Stolbovo and the Truce of Deulino, to ensure peace with two of his neighbors. He had been living with his mother at a monastery in Kostroma when emissaries came to him with the offer of the throne. His father, Filaret, would be a co-ruler and dominate the government until his death. His original claim came because his grandfather Nikita was the maternal uncle of Fyodor I, which allowed him to succeed to the throne. FTP, identify this tsar of Russia from 1613 to 1647, the founder of the Romanov dynasty.

Answer: MICHAEL Romanov

T20. His text \_The Specificity of Serological Reactions\_ helped establish the science of immunochemistry and set the currently accepted guidelines for hemolysis interpretation. His later discoveries, made with Phillip Levine, were possible primarily because of his previous work done on antigen binding to the plasma membrane of erethrocytes. Levine and Stetson beat this man and A.S. Wiener by a few months in first identifying the RH factor. FTP, name this scientist who had already earned a Nobel for his discovery of the ABO system of blood typing.

Answer: Karl LANDSTEINER

T21. At the conclusion of the novel, we are told that Captain Fitzjames and Mr. Wharton are the husbands of the title character's good friends, Diana and Mary. We are also told that Diana and Mary's brother, St. John [sin jun] who had once proposed to the title character, is dying in India. Also in this 38th and final chapter, the title character's husband regains his sight in one eye. Thus, all turns out well for the orphan and one time resident of Lowood asylum. FTP, identify this tale featuring the mad Bertha, her husband Edward Rochester, and the title character, a novel by Charlotte Bronte.

Answer: JANE EYRE

T22. The aseismic Ninetyeast Ridge runs along the floor of this body of water, whose southern boundary is marked by the Dondra Head. Some of the major rivers that drain into include the Cauvery and the Godavari. It contains the Nicobar islands, which help to separate it from its eastern arm, the Andaman Sea. Some of the major ports along it include Chittagong, Madras, and Calcutta. FTP, identify this arm of the Indian Ocean, a bay that borders Thailand on the west, Bangladaesh on the north, and India on the east.

Answer: BAY OF BENGAL (accept Bengal once "bay" is mentioned)

T23. Roger Ludlow, one of its participants, founded a town on the site of its largest massacre. It was precipitated by the murder of John Oldham, and it ended with the losers fleeing in three different directions. This conflict's main battle occurred when John Mason and John Underhill inflicted 500 casualties on the enemy. Surprisingly, one of the few men to survive was the chief, Sassacus. FTP, identify this war of 1637, between New Enlgand settlers and the Indian tribe which gave its name to the war.

Answer: PEQUOT War

T24. At the very bottom of the painting there is a seventh character, the skeleton representing Adam, and two donors are positioned facing inward at the left and right edges of the painting. Vasari described this work's spatial structure as "a barrel vault drawn in perspective, and divided into squares with rosettes that diminish and are foreshortened so well that there seems to be a hole in the wall." Mary looks out toward the viewer, while St. John looks at Christ, while God, the father, stands behind and above the crucified Son. FTP, identify this 1425 painting, a famous work of Massacio.

Answer: The Holy \_TRINITY\_

T25. His work \_For You Departed\_ was a memoir and tribute to his wife, while Maxwell Anderson's play \_Lost in the Stars\_ was based on this man's most famous novel. His collections include one of essays, \_The Long View\_, and one of short stories \_Tales from a Troubled Land\_. His second novel, \_Too Late the Phalarope\_, was not nearly as successful as his first, the story of Reverend Stephen Kumalo. FTP, identify this author, best known for the novel \_Cry, the Beloved Country\_.

Answer: Alan PATON

T26. For much of the movie two characters, played by Ellia Thompson and Will Kempe, are talked about, and close to the end we finally see Serena Slocum and the purported asshole, Rick Von Sloneker. The plot revolves around a group of young preppies who are celebrating the debutante ball season in New York. Into their midst comes Tom Townsend, and one of them, Audrey Roget, falls for Tom, who is oblivious to her affection. However it works out in the end, just like "Barcelona" and "The Last Days of Disco." FTP, identify this first movie written and directed by Whit Stillman.

Answer: "\_METROPOLITAN\_"

1999 Terrapin Invitational Tournament (Really Late) Questions by Illinois & Jessie Stevens BONUSES (All worth 30 points)

B1. Identify the following about an author for the stated number of points.

1. FTP, set among the derelicts of a sleazy flophouse, this drama includes such characters as the thief Satin and the pilgrim Luka.

Answer: The LOWER DEPTHS (or Na dne )

2. For 5 points, who wrote \_The Lower Depths \_ as well as the kick-ass short story "26 Men and a Girl."

Answer: Maxim GORKY (or Aleksey Peshkov)

3. For 15 points, G. K. Chesterton was a huge fan of this Gorky story which centers on the character of Petunikoff.

Answer: "\_Creatures That Once Were Men\_"

B2. Answer the following related to fungal associations for the stated number of points.

1. For 5 points, this as an association in which millions of cells of algae are woven into a matrix formed of the filaments of the fungus.

Answer: LICHEN

2. For 10 points, this is an association between the hyphae of a fungus and the roots of higher plants.

Answer: MYCORRHIZA

3. For 15 points, the fungal genus \_Septobasidium\_ has a symbiotic relationship with certain insects that feed on trees. While the insects are feeding, the fungi sink these structures into the bodies of the insects and feed upon them. These highly modified hyphae sterilize the insect but do not harm it in any other way.

Answer: HAUSTORIA

B3. Answer the following about an ancient region FTP each.

1. This was an ancient country of northwest Asia Minor. Its natives took advantage of the wars of the Diadochi to secure freedom from the Seleucids in 297 BC. Their first king was Zipoetes, and Pliny the Younger served as its governor under Trajan.

Answer: \_BITHYNIA\_

2. When Bithynia's king died in 74 BC, he willed the region to Rome, resulting in a war between Rome and this man, king of Pontus, who was finally defeated by Sulla.

Answer: MITHRIDATES VI\_

3. Bithynia's most famous king came from this line. The fourth of this name was its last ruler and the man who bequeathed Bithynia to Rome. In addition, the capital was named after them.

Answer: \_NICOMEDES\_

B4. Identify these brothers from art from descriptions with 5 points per correct brother. You may choose to just give the surname for 5 total points on each bonus part.

 This duo is probably best known for their collaboration on the Ghent Altarpiece, and the younger is known for such works as \_Arnolfini Wedding .

Answer: HUBERT and JAN VAN EYCK

2. This duo was active in Siena between 1320 and 1348. One painted the fresco\_St. Sabinus Before the Governor\_, while the other is known for his \_Allegory of Good and Bad Government\_ frescoes in the Palazzo Publico in Siena.

Answer: \_PIETRO \_ and \_AMBROGIO LORENZETTI\_

3. This family from Bologna was active between the 1560s and the turn of the 17th century. Ludovico was a cousin of these two brothers whose works included \_Domine Quo Vadis? \_ and \_The Flight into Egypt .

Answer: ANNIBALE and AGOSTINO CARRACCI

B5. Identify these authors of Spain's Golden Age FTP each.

Considered its last playwright, this man is probably best known for his work \_La vida es sueno\_ or "Life Is a Dream."
 Answer: Pedro CALDERON de la Barca

2. Though he had such successful plays as \_Fuenteovejuna\_ and \_El mejor alcalde, el rey\_, this man is now better known for his prodigious output.

Answer: Lope de VEGA Carpio

3. This man's fame rests on the 1630 work \_El burlador de Sevilla\_, which was translated as "The Love Rogue." It is the earliest known literary version of the Don Juan legend.

Answer: Tirso DE MOLINA (or Fray Gabriel Tellez )

B6. Answer the following about the history of particle physics FTP each.

1. Carl David Anderson shared his Nobel with V.F. Hess for his discovery of this particle.

Answer: POSITRON

2. Owen Chamberlain and Emilio Segre shared a Nobel for their discovery of this particle.

Answer: ANTIPROTON

3. In 1931 Paul Dirac proposed that the existence of even a single one of these particles would explain why electric charge comes only in multiples of the electron charge.

Answer: \_MAGNETIC MONOPOLE\_

B7. Identify the following about U.S. relations with the China and Japan in the late 19th and early 20th century FTP each.

1. Serving as diplomatic minister to China from 1861 to 1867, this American went on to work for the Chinese, and negotiated his namesake treaty with William Seward guaranteeing good relations between the two countries.

Answer: Anson BURLINGAME\_

2. By these understandings of 1907, Japan agreed to not issue passports to U.S. emigrants, and Teddy Roosevelt agreed to repeal the segregation of Japanese children in the San Francisco public school system.

Answer: GENTLEMEN'S AGREEMENT (s)

 This American signed an treaty with Japanese ambassador Takahira Kogoro in 1908 preventing war between the two nations by mutual acknowledgement of spheres of influence in the Pacific.

Answer: Elihu ROOT\_

B8. Answer the following about Arjuna for the stated number of points.

1. For 5 points, he is one of five heroic brothers waging war against the Kauravas in this Indian epic.

Answer: \_MAHABHARATHA\_

2. For 5 points, when he is uncertain about killing relatives in war, Arjuna is given a talk about his duty to his family by this man.

That talk is known as the \_Bhagavad Gita\_.

Answer: KRISHNA

3. FTP, by shooting the eye of an upside down revolving fish above his head, Arjuna wins the hand of this woman, who he will share as a wife with his four brothers.

Answer: DRAUPADI [drow pudth ee]

4. FTP, Arjuna has two full brothers, Yudhistra and Bheema, and two half-brothers. Name either of those half-brothers FTP.

Answer: \_NAKULA\_ or \_SAHADEVA\_

B9. Answer the following about Ruth Benedict FTP each.

Benedict studied under this ACF regular, the first anthropology professor at the University of Columbia.

Answer: Franz\_BOAS\_

2. Benedict did fieldwork among several tribes of American Indians but was best known for her work with this tribe whose "Mythology" formed the title of a two-volume 1935 publication of hers.

Answer: ZUNI

3. Even after obtaining her degree in anthropology, Benedict continued to write and publish poetry under this pseudonym.

Answer: Anne SINGLETON

B10. Answer the following from organic chemistry FTP each.

1. This compound is formed when an amino group, or N-H-2, is added to a benzene ring.

Answer: ANILINE

2. These groups can simply be defined as cyclic ethers with a three-membered ring.

Answer: EPOXIDE (s)

In this reaction an amide is treated with chlorine or bromine and an aqueous base. It ends with the loss of a carbonate ion and a primary amine with one less carbon than the initial amide.

Answer: HOFFMAN reaction

- B11. Identify these famous attorneys general FTP each.
- 1. Andrew Jackson made this man attorney general in 1831 to assist Jackson in his fight with the Second Bank of the United States. Answer: Roger B. TANEY
- 2. Known for his anti-communist sentiments, this attorney general under Woodrow Wilson was famous for rounding up nearly 3,000 alleged communists and trying to deport them.

Answer: A. Mitchell PALMER\_

3. In 1924 this attorney general, a future chief justice, appointed J. Edgar Hoover as director of the FBI.

Answer: Harlan Fiske STONE

- B12. Answer the following about Ymir FTP each.
- 1. Ymir was created from the melting ice of this far northern region. Situated on the lowest level of the universe, it contains Helheim, and is situated under the third root of Yggdrasil.

Answer: NIFLHEIM

2. Ymir's slain body was used to create heaven and earth and his flesh was used to fill this primordial void between Niflheim and Muspellheim.

Answer: GINNUNGAGAP

3. Ymir was killed by Odin and his two brothers. Name either of those brothers FTP.

Answer: \_VE\_ or \_VILI\_

- B13. Identify the composers of these famous music suites FTP Each.
- 1. Scythian Suite

Answer: Sergei PROKOFIEV

2. The controversial Lyric Suite\_composed between 1925 and 1926

Answer: Alban BERG

3. "L'Arlesienne Suite
Answer: Georges BIZET

B14. Given a European city, identify the river it sits on for 5 points each and 30 for all correct.

1. Florence Answer: ARNO River

Warsaw Answer: VISTULA (or Wistula ) River

Paris
 Answer: SEINE\_River
 Antwerp
 Belgrade, not the Danube River
 Answer: SCHELDT\_River
 Answer: SAVA River

- B15. Answer the following about a certain author FTP each.
- 1. The title character of this 1677 play is Willmore, and other major participants are Don Pedro, his sisters Florinda and Hellena, and Belville, an English colonel who is in love with Florinda. My favorites are Lucetta, a jilting wench, and Sancho, her pimp. Answer: The ROVER (or The Banish'd Cavaliers)
- 2. By the end of this novella, the title character, the husband of Imoinda, has both his arms cut off and has his body cut into quarters with the various parts being sent to different plantations. It is subtitled \_The Royal Slave\_.

Answer: OROONOKO

- Considered England's first professional woman writer, FTP, what woman wrote \_The Rover\_ and \_Oroonoko\_?Answer: Aphra BEHN
- B16. Answer the following about the organization of DNA in the cell FTP each.
- During interphase, the genetic material and associated proteins are uncoiled and dispersed throughout the nucleus in a correferred to as this.

Answer: CHROMATIN

These proteins complex with DNA in the nucleus. They are rich in arginine and lysine and function in the coiling of nucleosomes.

Answer: HISTONE (s)

In eukaryotic genomes the amount of DNA contained in the haploid genome of a species is known as this. The
name states that excess DNA is present that does not seem to be essential to the development or evolutionary dive
eukaryotes.

Answer: \_C-VALUE\_

- B17. Answer the following about John Brown's raid on Harper's Ferry in 1859 for the stated number of points:
- 1. For 5 points, this U.S. colonel was sent to Harper's Ferry to capture Brown and ordered the storming of the engine house. Answer: Robert E. LEE
- 2. FTP, this well known black abolitionist once said of Brown, "in sympathy a black man, as deeply interested in our cause as though his own soul had been pierced with the iron of slavery." In 1881 he delivered a famous speech at Storer College in Harper's Ferry honoring Brown.

Answer: Frederick DOUGLASS

3. For 15 points, either name the African-American railway baggage handler who was the raid's first victim, or give the full name of the great-grand-nephew of George Washington taken prisoner during the night of October 16th.

Answer: Hayward SHEPHERD or LEWIS WASHINGTON

B18. Identify these baseball managers who rank among those with the highest winning percentage who have never won the World Series FTP each.

1. This man, with a career winning percentage of .581, tops the list. He led his 1954 Cleveland Indians to 111 wins, but produced no championship ring.

Answer: Al LOPEZ

2. Just behind Al Lopez is this other Indians manager, who recently got his walking papers after his poser pitching staff was exposed this past postseason.

Answer: Mike HARGROVE

3. With Hargrove's firing, this man, a former shortstop, is the only active manager to make the top 5 in highest career winning percentage without having won a World Series. A former Cardinal and Expo, he got his first big-league hit off Juan Marichal. Answer: Jimmy WILLIAMS

B19. Identify the philosopher from works FTP each.

1. Metaphysical Journal, The Mystery of Being, and Being and Having

Answer: Gabriel MARCEL

2. Philosophical Investigations and Tractatus Logico-philosophicus

Answer: Ludwig WITTGENSTEIN\_

3. Principles of Logic and Appearance and Reality

Answer: Francis Herbert BRADLEY

B20. Identify the artists of these works on a 10-5 basis.

1. 10 points-- The Suicide, The Spanish Singer\_ 5 points-- Olympia, Luncheon on the Grass

Answer: Edouard MANET

2. 10 points-- Reflection of a Gypsy, The Grotto of the Loue

5 points-- Burial at Ornans, \_The Stonebreakers\_

Answer: Gustave\_COURBET\_
3. 10 points--\_The Pink Studio\_, \_The Snail\_, \_Oceania, the Sea\_ 5 points--\_Joy of Life\_, \_Portrait with a Green Stripe\_

Answer: Henri MATISSE\_

B21. Identify these treaties signed during the reign of Napoleon FTP each.

1. This agreement made between the little man and Pope Pius VII reestablished the Roman Catholic Church in France. By its terms, the government nominated archibishops and bishops, but the pope would confer the positions.

Answer: CONCORDAT of 1801.

2. After defeating the Russians at Friedland, the little man signed this treaty with Tsar Alexander I. It divided Europe between France and Russia and made the two countries allies.

Answer: Treaty of \_TILSIT\_

Monsieur Bonaparte was none too happy with this 1814 treaty that brought the War of 1812 to a close.

Answer: Treaty of GHENT

B22. Answer the following about a 20th century poet FTP each.

1. This five-line poem opens "From my mother's sleep I fell into the State, / And I hunched in its belly till my wet fur froze." Answer: "The DEATH OF THE BALL TURRET GUNNER"

2. What American wrote the poem "The Death of the Ball Turret Gunner?"

Answer: Randall JARRELL\_

3. In this poem Jarrell makes allusions to Marcel Proust's Charles Swann, the Austrian ethologist Konrad Lorenze, the music of Strauss and Mendelssohn, and Greta Garbo. It tells of a man who imagines the early parts of relationship with a woman, a woman who we find at the end to be his wife.

Answer: "A MAN MEETS A WOMAN IN THE STREET "

B23. Answer the following about a type of star FTP each.

 This rather small class of stars brightens and dims in an extremely regular fashion. By observing their period one can determine how bright they actually are. They were named for the constellation in which the first was discovered in 1784.
 Answer: CEPHEID VARIABLE (s)

2. This man discovered the variability of the protoype cepheid, Delta Cephei, in 1784.

Answer: John GOODRICKE

3. This American astronomer is best known for her discovery of the relationship between period and luminosity in cepheid variables. Answer: Henrietta Swan LEAVITT

B24. Answer the following about the Thirty Years War FTP each.

This Swedish king met his end at Lutzen.

Answer: \_GUSTAVUS ADOLPHUS\_(or \_Gustavus II\_)

Before dying at Lutzen, Gustavus Adolphus had defeated Graf von Tilly at this battle, which saw Tilly fatally wounded. It shares its name with the site of Otto's victory over the Magyars.

Answer: \_LECH\_

 Along with this man, Henri de Turenne commanded the French forces in Germany. Together with him, Turenne won decisive victories at Rocroi and Nordlingen.

Answer: prince de CONDE [con day] (or Louis II de Bourbon)

B25. Answer the following about a certain novel for the stated number of points.

1. For 5 points, the title character of this novel, a certain Mr. Fawley, is at first married to Arabella Donn and then embroiled in a tumultous and unhappy relationship with his cousin Sue Bridehead.

Answer: JUDE THE OBSCURE

2. For 5 points, who wrote Jude the Obscure?

Answer: Thomas HARDY

3. FTP, at the beginning of the novel Jude is an eleven-year-old boy who is saying goodbye to this schoolmaster, who is leaving the town. Sue later marries him, flees to Jude, and then returns to this man.

Answer: Richard PHILLOTSON

4. FTP, early on we also learn that Jude's parents have died and he lives with this woman, his great aunt.

Answer: DRUSILLA\_Fawley