

Packet of Michigan, Michigan State Students

Packet 10

Packet by: Harris Bunker, Dillon Edwards, Austin Foos, Lucas Weingartz, Trent Koch, Sarah Wrase, Dominic Aluia, Alan Hettinger, Jasmine Czajka, Briana Magin, Tony Incorvati, Erik Bubolz, Siddhant Dogra, Rahul Keyal, Jonathan Suh, Kevin Yu and Vishal Puppala with assistance from many others

Tossups

1. **Diamond-Blackfan anemia may be caused by a deficiency in a product produced by this organelle. One protein related to this organelle may be targeted in the future by antibacterial drugs because it helps recycle material for this organelle. One process that occurs at this organelle is sped up by GTP(*) hydrolysis.** When reading a specific chemical, this two-unit organelle starts at methionine and ends at a stop codon. These organelles have A, E, and P sites and stud the rough endoplasmic reticulum. For 10 points, tRNA is brought to what organelle where Translation occurs that is made up of rRNA?

ANSWER: Ribosome (prompt on RNA or rRNA before read)

2. **In one scene in this novel, a paint factory boiler explodes while the protagonist was working with Lucius Brockway. Although never seen in the novel, Rinehart is described as a pimp, bookie, and a preacher. Ras the Exhorter appears in this novel and criticizes the actions of the protagonist while the protagonist works for the (*) Brotherhood. Brother Jack's eye falls out in one scene in this novel. The first chapter of this novel describes a "Battle Royal" where black teenage boys fight each other. For 10 points, name this Ralph Ellison novel about an African American man who travels to New York.**

ANSWER: Invisible Man (obviously do NOT accept "*The Invisible Man*" by H.G. Wells)

3. **This thinker studied religion in terms of animism, naturism, totemism, myth, and ritual. A study by this man was among the first in his discipline to employ multivariate analysis to explain variations in rates of the title phenomenon. One work by this thinker introduced the concept of (*) "anomie" and argued that the title concept creates solidarity and increased reproductive capacity work in his *The Division of Labor in Society*. Another work by this man identified egoistic, fatalistic, and anomic types of the title phenomenon. For 10 points, identify this French sociologist who wrote *Suicide*.**

ANSWER: Emile Durkheim

4. **While president, this world leader launched a government program to build the construction of the Helwan steelworks. During the Second World War, this leader worked with Germany to expel the British from his country and he joined the Free Officers Movement. (*) This Non-Aligned leader's government spearheaded the building of the Aswan Dam across his country's main waterway with support from both the US and USSR. For 10 points, name this Egyptian President and proponent of Pan-Arabism who sparked international crisis after nationalizing the Suez Canal in 1956.**

ANSWER: Gamal Abdel Nasser

5. In this book, one man repeatedly uses the phrase “truly, truly I say to you” to emphasize certain points and that man compares himself to a grapevine and his followers to its branches. In this book, Thomas says, “Let us also go”, before entering the tomb of a man who has been dead for three (*) days. In its third chapter, Nicodemus asks how one can be born again, to which Jesus answers that “God so loved the world that He gave his only Son”. This book begins with “In the beginning was the Word”. Presumably written by the “disciple whom Jesus loved”— for 10 points— name the New Testament’s last gospel.

ANSWER: Gospel of John (accept Gospel According to John, accept Book of John; do NOT accept 1 John, 2 John, 3 John, Revelation of John, or Apocalypse of John)

6. One concurring opinion in this Supreme Court case said that “counsels deference to past mistakes, but provides no justification for making new ones”. This case, which overturned *Austin v Michigan Chamber of Commerce*, extended First Amendment Rights to associations. This case also said that independent organizations could not be prevented from showing political ads 60 days before an election, striking down the (*) McCain-Feingold Act. This court case was taken up after a group wanted to create a film critical of Hillary Clinton. For 10 points, name this controversial 2010 Supreme court decision that made it easier for Super PACS to contribute money to political candidates.

ANSWER: Citizens United v. FEC NE

7. This artist depicted a stone hand coming out of the ground and holding an egg with a flower in one painting. Two long-legged animals carry obelisks against a red and yellow background in one painting by this artist. In another painting by this artist, gadflies surround boy with a whip (*) in the bottom right corner and that painting also depicts a rendition of his wife Gala. A branch sitting on table is accompanied by an orange object covered in ants in a painting by this artist of *The Metamorphosis of Narcissus* and *The Hallucinogenic Toreador*. For 10 points, identify this surrealist artist who depicted melting clocks in his *The Persistence of Memory*.

ANSWER: Salvador Dali

8. One of the causes of this event was Leo of Ohrid’s attack on the usage of unleavened bread by one side. In 1965, Pope Paul VI met with Athenagoras I as a small showing of reconciliation from this event. George Acropolita swore allegiance to one side in this event at the Second Council of Lyon. (*) Cardinal Humbert of Silva Candida made an excommunication which helped spur this event. This event was precipitated by Michael Cerularius’ refusal to recognize Pope Leo IX’s claim to head all churches. For 10 points, name this 1054 event that constituted a formal break between the Roman Catholic and Eastern Orthodox Churches.

ANSWER: Great Schism (accept East-West Schism, prompt on “The Schism”, do NOT accept Western Schism)

9. Supernaturally fertile livestock cause a character in this novel to be wealthy so he throws huge parties. Another character in this novel brings home seventy-two friends home from boarding school. That character is Meme. A baby is born with a pig tail and the mother dies while giving birth in this novel. The Liberal army is led during a (*) Civil War by a character known as the Colonel in this novel. Leaving Riohacha with his wife Úrsula, the patriarch of a family in this novel founds a town after dreaming of a city of mirrors. For 10 points, name this novel about the Buendía family in the town of Macondo that was written by Gabriel Garcia Marquez.

ANSWER: One Hundred Years of Solitude (or Cien años de soledad)

10. A Raney nickel catalyst is used in a reaction which adds atoms of this element to an organic molecule. This element appears along with lithium and boron in a common reducing agent. Along with carbon monoxide, a gaseous form of this element appears in syngas. The reduction of this element at a platinum electrode is the standard reaction in redox reactions; therefore, this element has a reduction potential of (*) 0 volts. The negative logarithm of the concentration of an ion of this element defines the pH scale. For 10 points, identify this lightest element on the periodic table that is symbolized H.

ANSWER: Hydrogen

11. On one episode of this TV show, a character gives the answer “Dragon” for something that humans eat but doesn’t eat humans. A dance off is had between an inflatable tube man and a female character on another episode. In yet another episode of this show, after descending from a Sun prop, a character proclaims that he is (*) “Dayman” and asks the Waitress to marry him. Charlie Kelly is that character on this show who is best friends with the Danny DeVito-played Frank Reynolds. For 10 points, identify this FX TV show about the gang’s misadventures of owning Paddy’s Pub in a Pennsylvanian city.

ANSWER: It’s Always Sunny in Philadelphia

12. This character must kiss another character to get that other character to drive slowly. A painter is asked by this character if the painted phrase “thy damnation slumbereth not” is true. The mother of this character replies to a letter from this character’s lover (*) and tells him that this character has left the family. This character lives in the town of Marlott before being sent off to an estate where she works with fowls and meets the father of her illegitimate child Sorrow. After Angel returns from Brazil, this sister of Liza-Lu stabs Alec. For 10 points identify this eldest daughter of John who titles a Thomas Hardy novel.

ANSWER: Tess Durbeyfield (prompt on “Durbeyfield”)

13. One god who represented this thing fell in love with the mortal Aikanaka in Hawaiian mythology. In Native American mythology, one god who represents this thing was the father of all humans and is named Pah. Chang’e swallowed an elixir and then became trapped in this object which saddened her lover Hou Yi. The god (*) Kuu is associated with this object and the white of an egg became this object according to *The Kalevala*. One goddess of this object had an affair with the shepherd Endymion and drove this object across the sky. For 10 points, identify this celestial object represented by Diana and Selene.

ANSWER: Moon

14. Edward Hawke threatened to cut his own hand off rather than name this explorer as a replacement to Alexander Dalrymple for one expedition. Earlier, this explorer mapped the Newfoundland coast aboard the *HMS Grenville*. On this man’s first voyage, which was to observe the Transit of Venus, (*) no one died of scurvy because of his insistence of eating fruits and sauerkraut. This man was killed after attempting to take King Kalaniopu’u hostage. For 10 points, name this British captain of the *Endeavor* who was among the first Europeans in New Zealand.

ANSWER: James Cook

15. “The Departure” number appears in a ballet by this composer which also contains a scherzo “Siren” theme. A suite by this composer was originally written for the ballet *Ala i Lolli* and is known as the *Scythian Suite*. In a satirical opera by this composer of *The Prodigal Son*, a prince takes three of the title objects into the deserts and women come out of those objects. This composer of (*) *The Love for Three Oranges* also composed a work meant for children which contains an argument between a duck and a bird and a French horn represents the title creature. For 10 points, name this composer of *Peter and the Wolf*.

ANSWER: Sergei Prokofiev

16. One derivation of this concept uses the commutator of Δx and P and sets that equal to a constant times i . One application of this idea says that vacuums aren't empty due to simultaneous annihilation. Alpha decay can be explained by this concept through (*) quantum tunneling. This concept appeared in a paper called "On the Perceptual Content of Quantum Theoretical Kinematics and Mechanics". The product of the errors associated with the two values in this concept must be less than or equal to \hbar over two. For 10 points, identify this "principle" that says one cannot know both the precise momentum and position of an electron.

ANSWER: Heisenberg Uncertainty Principle

17. Ernest Giles was the first westerner to discover this formation that was named by William Gosse. This formation shares its namesake national park with Kata Tjuta, and both are partially made up of a substance with a consistency similar to (*) granite. Most visitors to this formation arrive via the town of Alice Springs. The people indigenous to the area near this formation agree that it was created during the Dreamtime. For 10 points name this UNESCO World Heritage Site, that is sacred to the Aborigines and is a red, sandstone megalith located in Australia's Outback.

ANSWER: Uluru (or Ayers Rock)

18. Remnants of the Mississippian Culture are prevalent in this US state's Kolomoki Mounds. Early settlers of this state came on the *Anne* and a colony would be established after the Yamasee War. Invading forces at the Battles of Gully Hole Creek and Bloody Marsh during the War of (*) Jenkins Ear were defeated by this state's founder. This state may have been founded to serve as a Southern buffer state between the British Colonies and Spanish Florida. However, it was most likely founded as a debtor colony. For 10 points, name this Southern state that was founded by James Oglethorpe.

ANSWER: Georgia

19. This quantity is multiplied by the square root of 2π in the denominator for the height of a density curve at a point x . This value is multiplied by the critical value and divided by the square root of sample size in the formula for margin of error of a normalized sample. The residual is divided by this quantity when calculating the (*) t statistic. A z score is how many of this quantity an observation is above the mean. This quantity is the square root of the variance. For 10 points, identify this statistic that shows how far apart data is spread.

ANSWER: Standard Deviation (accept standard error until "mean" is read)

20. According to Monmouth's "The History of the Kings of Britain", one character with this feature was thrown off a cliff by Corineus. In one legend, one person of this type was at Robin Hood's side when he died and was named (*) Little John. In addition to Gogmagog, one character of this type travels to the Oracle of the Holy Bottle and is accompanied by the rogue Panurge. A father and son pair of these characters are included in pentalogy that satirizes the French Renaissance. For 10 points, Rabelais' Gargantua and Pantagruel are what creatures that Jack steals the golden egg from?

ANSWER: Giants (prompt on "tall people" or equivalents)

21 (TB). A young character is blindfolded in this opera before his father goes to see him. The duet “Bimba, Bimba, non piangere” is sung near the end of the first act of this opera. A character in this opera shows a box but won’t disclose its contents after announcing she has converted to Christianity. The aria “Dovunque al mondo” contains an allusion to “The Star-Spangled Banner” in this opera. Sharpless and Goro arrive right after one character in this opera sings “Un Bel Di Vedremo”. For 10 points, name this opera where Pinkerton leaves Cio-Cio San in Japan, that was composed by Giacomo Puccini.

ANSWER: *Madame Butterfly* (or *Madama Butterfly*)

22 (TB). This president’s only Supreme Court nominee was former Secretary of the Navy Smith Thompson. While Governor of one state, this man helped put down Gabriel Prosser’s rebellion. Robert Livingston and this man signed the Louisiana Purchase while in Paris. Daniel Tompkins served as this man’s vice president, and as president, he acquired Florida in the Adams-Onís Treaty. Main was admitted as a free state under the Missouri Compromise during this man’s presidency. For 10 points, name this president whose unopposed election in 1820 led to the “Era of Good Feelings”.

ANSWER: James Monroe

Bonuses

1. Answer the following about the history of an American labor union for 10 points each:

[10] This union open to both sexes and Catholics was led by Terence V. Powderly. This union declined in membership following an 1886 event in which that when laborers were protesting for an eight-hour work day.

ANSWER: **Knights of Labor**

[10] The Knights of Labor were involved in the Haymarket Affair, which occurred in this city that caught fire in 1871.

ANSWER: **Chicago**, Illinois

[10] The Knights of Labor were involved in an 1886 strike in this industry in states like Arkansas, Illinois, and Texas. The strikers were employees of Jay Gould-owned firms in this industry.

ANSWER: **Railroads** construction (prompt on “transportation” or “trains”)

2. This quarterback tore his ACL in August 2016 during a team practice. For 10 points each:

[10] Name this starting quarterback who graduated from Louisville and led his team to its first division championship since 2009 in 2015.

ANSWER: Theodore “Teddy” **Bridgewater**

[10] Bridgewater plays for this purple and gold NFL franchise coached by Mike Zimmer. Adrian Peterson had played for this team since being drafted in 2007 but entered free agency in March, 2017.

ANSWER: **Minnesota Vikings** (accept either)

[10] This Viking signed a five year, 42.5-million-dollar deal in 2014. This defensive end got 10 sacks in 2015 while playing alongside Sharrif Floyd and Brian Robison on the line.

ANSWER: Everson **Griffin**

3. Doctor Bartolo plans to marry Rosina in this opera but so does Almaviva. For 10 points each:

[10] Identify that two act opera where the aria “Largo al Factotum” is sung by the title character.

ANSWER: **The Barber of Seville**, or The Futile Precaution (or **Il barbiere di Siviglia**)

[10] Count Almaviva tries to disguise himself as this man when he passes a letter along to Rosina. After Almaviva reveals he is NOT this man, Rosina falls for him.

ANSWER: **Lindoro**

[10] *The Barber of Seville* was created by this composer who also composed *William Tell*.

ANSWER: Gioachino **Rossini**

4. Answer the following about 20th century avant-garde or otherwise experimental literature for 10 points each:

[10] In this play, Lucky the slave of Pozzo entertains himself by dancing in the first act of this play but turns stupid in its second act. The boy calls Vladimir Mr. Albert in this play.

ANSWER: **Waiting for Godot**

[10] Antonin Artaud, the creator of the so-called Theatre of Cruelty, was born in this European country as was the author of the novel *The Thief's Journal*, Jean Genet.

ANSWER: **France**

[10] This “maximalist” American novel contains the satirical Years of Subsidized Time where Year 1 is the Year of the Whopper. The stories of drug addicts, Quebecois [pr. “que beh qwa”] radicals, and tennis students intertwine in this novel.

ANSWER: **Infinite Jest**

5. In one myth, this god of wealth abducts Demeter's daughter Persephone. For 10 points each:

[10] Identify that Greek god who also ruled the underworld.

ANSWER: **Hades**

[10] Hades was not always such a huge jerk. For example, Hades allowed Orpheus to try to bring back this wife from the underworld after hearing some beautiful music from Orpheus. This woman was killed by viper venom.

ANSWER: **Eurydice**

[10] Below Hades, there is Tartarus which was home to this man who committed the world's first patricide. This former king of the Lapiths lusted after Hera which caused Zeus to lightning bolt this man.

ANSWER: **Ixion**

6. Answer the following about weird and wild waves for 10 points each:

[10] For a wave, this value measured in hertz is the inverse of the wave's period and is the amount of oscillations per unit time.

ANSWER: **Frequency**

[10] The fundamental frequency of a wave is also called the wave's first one of these entities. The frequency of one of these entities can be calculated by multiplying the fundamental frequency by 3 and so on.

ANSWER: **Harmonics**

[10] This kind of wave exhibits displacement that is perpendicular to its direction. Taking a rope and moving it up in down creates this type of wave.

ANSWER: **Transverse** Waves

7. The 166 AD Antonine Plague is sometimes named after this thinker. For 10 points each:

[10] Identify this Greek thinker who expanded on the humorous theory created by Hippocrates and used prognosis when assisting the ill Eudemus.

ANSWER: **Galen** of Pergamon (or **Aelius Galenus**)

[10] Galen was influential in this field as is Hippocrates' oath. During the Renaissance, Vesalius' *De humani corporis fabrica* provided pictures that assisted people in this field.

ANSWER: **Medicine** (also accept specific types of medicine such as **surgery**)

[10] Of the four humors, this one was said to be "sanguine" and corresponds to the element of air. This humor is the most common.

ANSWER: **Blood**

[Editor's Note: I'm not sure if you are supposed to say a humor "is" common when physicians don't study them as humors anymore.]

8. A naked man swims up next to a ship in this short story. For 10 points each:

[10] Identify this short story, in which Leggatt escaped from his previous ship after accidentally killing an oafish crew member. The captain then decides to hide Leggatt until Leggatt can escape into the Gulf of Siam.

ANSWER: **"The Secret Sharer"**. An episode from the sea

[10] "The Secret Sharer" was written by this author who also wrote the novels *Lord Jim* and *Heart of Darkness* which also partially take place on ships.

ANSWER: Joseph **Conrad** (or Józef Teodor Konrad **Korzeniowski**)

[10] This *Heart of Darkness* character is sought after by Marlow. This "remarkable man" is at once a musician, painter and politician but is famous for his paradoxical insanity in which he repeats "the horror".

ANSWER: **Kurtz**

9. For 10 points each answer some questions about sand and sand dunes.

[10] Most sand dunes are composed of particles of this mineral. This mineral, along with feldspar and mica, makes up granite.

ANSWER: **Quartz**

[10] This most well-known type of sand dune contains crescent shaped ridges that quickly move. This type of dune face the wind and are common in inland deserts.

ANSWER: **Barchan** (or **megabarchan**)

[10] Sand dunes can also occur on this red planet that contains the shield volcano Olympus Mons.

ANSWER: **Mars**

10. Answer the following questions about an early 20th century philosophy for 10 points each.

[10] Jean Paul Sartre, in his *Being and Nothingness* says this philosophy is based on the idea that “existence precedes essence”.

ANSWER: **Existentialism**

[10] The phenomenological method of this philosopher was critical to the development of existentialism. This German wrote *Cartesian Investigations*.

ANSWER: Edmund Gustav Albrecht **Husserl**

[10] This author of *Being and Time* is sometimes called an existentialist. This philosopher is probably better known for being supportive of the Nazi regime in Germany.

ANSWER: Martin **Heidegger**

11. A poem describes “two bloods mingled” within this creature. For 10 points each,

[10] Identify this blood-sucking creature, which is killed by a woman against her lover’s wishes at the end of a John Donne poem.

ANSWER: **“The Flea”**

[10] John Donne used this object as a conceit in a poem about this object “Rising.” A William Shakespeare sonnet states that “My mistress’ eyes are nothing like” this object.

ANSWER: the **sun**

[10] Among Donne’s best known works is this collection of nineteen poems. This collection contains poems such as “Death be not proud” and “Batter my heart, three-personed God.”

ANSWER: **Holy Sonnets** (accept **Divine Meditations**)

12. In December 2016, this world leader admitted to abusing the drug fentanyl. For 10 points each:

[10] Name this Asian leader who said “bye-bye” to American foreign aid after President Obama accused him of human rights abuses amid allegations extrajudicial killings of supposed drug dealers.

ANSWER: Rodrigo **Duterte** (accept **“Digong”**)

[10] Duterte was elected President of this Pacific nation in 2016 whose capital is Manila.

ANSWER: Republic of the **Philippines**

[10] Duterte used to be mayor of this Filipino city that was home to a 1989 hostage crisis. Though Duterte adopted several law and order alcohol and drug policies in this city, Reuters claims it has the highest crime rate in the Philippines.

ANSWER: **Davao** City

13. This album contains the track “Freddie Freeloader” which featured a double bass solo by Paul Chambers. For 10 points each:

[10] Identify this jazz composition that begins with “So What”.

ANSWER: Kind of Blue

[10] This jazz pioneer and trumpeter created *Kind of Blue* and the album *Sketches of Spain*.

ANSWER: Miles Davis

[10] Jimmy Cobb played this instrument in Davis’ sextet on *Kind of Blue*. Other famous jazz musicians who played this instrument include Elvin Jones and Gene Krupa.

ANSWER: Drums

14. You’ve heard reports of dwindling Dratini populations in Kanto, so try to figure out the problem with your biology skills. Answer related questions for 10 points each:

[10] You plan on using this method to estimate a population of Dratini. It involves tagging and releasing the Dratini before returning sometime later and counting the number of tagged Dratini of a new sample.

ANSWER: mark and recapture (accept capture-recapture or Lincoln-Peterson method or sight-resight or band recovery or multiple systems estimation; prompt on partial answer)

[10] To your horror, when you arrive at the Dratinis’ lake, this phenomenon has occurred and created an algal bloom. This phenomenon eventually results in hypoxia due to over nourishment.

ANSWER: eutrophication

[10] In your investigation, you discover that the nearby Fuchsia City Gym releases tons of runoff, resulting in the increase of nutrients and fertilizers containing the two main elements that facilitate eutrophication. Name either.

ANSWER: phosphorus OR nitrogen (accept P or N)

15. World War I is called a World war for a reason. For 10 points each, answer some questions about fighting in the Great War that occurred outside of Europe.

[10] Despite agreements made in 1884 that Africa would be neutral in the event of a European War, France and Britain invaded this German possession in West Africa on the 6th and 9th of August 1914, respectively.

ANSWER: Togoland (prompt on “The Volta Region”)

[10] This Briton was sent to Arabia to inspire revolts against the Ottoman Empire. His exploits were chronicled in a 1962 film.

ANSWER: T. E. Lawrence

[10] Most of the German possessions in Asia and the Pacific surrendered peacefully, save some fighting in German New Guinea and the Siege of Tsingtao, where this Allied country took control of the German-occupied Chinese city.

ANSWER: Japan

16. Ceremonies in this religion are meant to connect practitioners to Daishizen-no-Meguri. For 10 points each:

[10] Identify this Japanese religion where practitioners worship kami spirits.

ANSWER: Shinto (or kami-no-michi)

[10] These gates are often found in front of Shinto shrines and are meant to divide the corporal world from the world of the kami.

ANSWER: Torii Gates

[10] Ritual for this practice are performed at the start of Shinto ceremonies. One form of this process is the *temizu* ritual, in which followers will wash their hands and face before entering a shrine.

ANSWER: Purification (prompt on “cleansing”)

17. The value of this quantity for water is used to define the kelvin. For 10 points each:

[10] Name this thermodynamic quantity consisting of a temperature and pressure at which all three phases of a substance can coexist. For mercury, this has the value -38.8 degrees Celsius and 0.2 millipascal.

ANSWER: **triple point** (accept **tripoint**; do not accept **critical point**)

[10] The triple point of the heaviest stable isotope of this element is known as a lambda point, which indicates that both a fluid and a superfluid phase are present.

ANSWER: **helium-4**

[10] Helium below the lambda point has the property of superfluidity, which defines fluids for which this quantity is zero; this quantity is defined as a fluid's resistance to shear stress.

ANSWER: dynamic **viscosity**

18. In this play's first act, a woman returns home after an extended visit at a sanitarium for a morphine addiction. For 10 points each:

[10] Identify this play in four acts in which the boozing Edmund Tyrone has tuberculosis and his father James is a former actor.

ANSWER: **Long Day's Journey into Night**

[10] *Long Day's Journey into Night* was written by this American playwright who also wrote *The Iceman Cometh*, and *The Emperor Jones*.

ANSWER: Eugene **O'Neill**

[10] The entirety of *The Iceman Cometh* takes place in a location of this type that is owned by Harry Hope.

ANSWER: A **bar** (accept a **saloon**, prompt on "restaurant")

19. This monarch once said that "Paris is well worth a Mass" after becoming a Catholic. For 10 points each:

[10] This name monarch who the first Bourbon King of France.

ANSWER: **Henry IV** (accept **Henry III Navarre**, prompt on "Henry")

[10] Just after marrying, Henry Navarre, this massacre occurred in France. This massacre which targeted Huguenots is traditionally believed to have been instigated by Catherine de' Medici.

ANSWER: **St. Bartholomew's Day Massacre**

[10] This man was Henry IV's main advisor who also worked on the finances of France. Henry IV and this man helped introduce the Paulette Tax.

ANSWER: Duc de **Sully** (or Maximilien de **Bethune** or Baron of **Rosny** or Marquis De **Rosny**)

20. The deep-red sunset in the background of this painting is contrasted with the water near a boat on its left side.

For 10 points each:

[10] Identify this painting in which people thrown overboard can be seen in its foreground. Fish are swimming in its bottom right corner—possibly to eat someone thrown overboard.

ANSWER: **The Slave Ship**

[10] *The Slave Ship* was painted by this English artist who also depicted a train in *Rain, Steam, and Speed* and painted some more ships in his *The Fighting Temeraire*.

ANSWER: Joseph M.W. **Turner**

[10] This American artist also liked to depict objects on the water in paintings such as a sailboat in *Breezing Up* and depicted a black man on a boat surrounded by sharks in *The Gulf Stream*.

ANSWER: Winslow **Homer**

[Editor's Note: Boats appear in this packet a lot for some reason.]

21 (TB). Who is this [this character]? is said on numerous bumper stickers that the writer of this question has seen in real life. For 10 points each:

[10] Name this philosopher and inventor whose individualism opposes the bureaucratic dystopia of the novel in which he appears. Dagny Taggart tries to discover a protest led by this man.

ANSWER: John **Galt**

[10] Galt and Taggart are depicted in this pseudo-philosopher's *Atlas Shrugged*. This author also wrote about the architect Howard Roark in *The Fountainhead*.

ANSWER: Ayn **Rand**

[10] Rand wrote this tolerable novella whose protagonist is Equality 7-2521. Equality wanted to be a scholar as a child but was illogically reprimanded for being too smart and too tall.

ANSWER: **Anthem**