

Packet of Michigan, Michigan State Students

Packet Finals 2

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Tossups

1. **A character in this novel leaves because she doesn't like the smell of flowers and is friends with Rosemonde. As a child, the narrator of this novel cannot sleep without being kissed by his mother. The narrator of this novel observes a tailor having a homosexual relationship with de Charlus. One character in this novel falls in love with a woman who resembles a Botticelli painting of Zipporah.** (*) One story in this larger novel occurs to the narrator after he dips a Madeleine into tea and that narrator falls in love with Odette's daughter Gilberte. For 10 points, identify this seven-volume novel that includes "Swann's Way", written by Marcel Proust.

ANSWER: Remembrance of Things Past (or In Search of Lost Time or A la recherche du temps perdu)

2. **In 2010, NASA scientists tried to explain why this area "collapsed" during a solar minimum. In the upper part of this area, helium, along with nitrogen and oxygen, are the three major gases. The boundary between Earth and space, the Karman line, exists in this region. Space Shuttles and the (*) International Space Station orbit Earth in this area. This region, where the Aurora Borealis occurs, ranges in temperature from -184 to 3600 degrees Fahrenheit. Solar UV and X ray radiation are absorbed by molecules that gives this atmospheric layer its name. For 10 points, identify this largest layer of the atmosphere that occurs above the mesosphere but below the exosphere.**

ANSWER: Thermosphere (prompt on "Ionosphere")

3. **Rulers of this dynasty were great patrons of the arts, and one ruler wrote poetry under the pen name "Tani". One ruler of this dynasty employed the Englishman Sir Robert Sherley to reform the army into three bodies of European style troops: *ghulams*, *tofangchis*, and *topchis*. That ruler used troops to expel Portuguese traders from the island of (*) Hormuz. Shah Abbas I, that ruler, defeated the Ottomans to the West and recaptured Baghdad for this dynasty. For 10 points, name this Persian Dynasty, initially ruled from Tabriz, that ruled from the 16th to 18th centuries and established Shia Islam as the dominate religion in Iran.**

ANSWER: Safavid Dynasty

4. **Two unnamed lovers accompany a silent "lady in black" as thematic motifs in this novel. After "splashing about like a baby" and swimming, the protagonist of this novel goes to sleep in a hammock. When one character learns he is loved, he leaves for Mexico. The protagonist of this novel is told to be brave if she is to be an artist by the pianist (*) Mademoiselle Reisz. After the death of Adèle and a falling out with Robert Lebrun, the protagonist of this novel walks naked into the sea. For 10 points, identity this novel about the rebellious socialite Edna Pontellier that was written by Kate Chopin.**

ANSWER: The Awakening

5. One person with this surname took the black and white *Alchemist* by another with this surname and made it into a color on panel. That same artist with this surname also painted a beige and orange tower of Babel with a cannon in one painting. A drowning man's legs stick out near a ship (*) in one painting by someone with this surname. In another painting by someone with this surname, two men carry wood planks with a bunch of soup that will feed a room full of people at the title event. For 10 points, give the last name of a Flemish father-son duo of painters—one of whom painted *Landscape with the Fall of Icarus* and *The Peasant Wedding*.

ANSWER: Breughel (accept Pieter Bruegel the Elder, or Pieter Breughel the Younger)

[Editor's Note: Apparently, *Brueghel the Elder* changed the spelling to "Breugel" with no "h", so accept that if they spell it out.]

6. The Dorians had a notable cult of this god who is related to the idea of "the good" in *The Republic*. One daughter of this god is said to have given birth to Telegonus in the lost epic the *Telegony*. This child of Hyperion was overlooked when Zeus was giving each god a patronized (*) city and so was given the island of Rhodes. This deity had Odysseus' ship destroyed after the crew killed this god's sacred cows. A son of this god rode this god's chariot and was then struck down by Zeus. For 10 points, identify this father of Phaethon, the Greek sun titan.

ANSWER: Helios (prompt on Sol or Sol Invictus)

7. A Philip Roth novel about this sport depicts the Patriot League and the one-armed player Bud Parusha. In addition to *The Great American Novel*, this sport appears in a novel in which Pop expects his team to undergo hypnosis. The title character of Don DeLillo's "Pafko at the (*) Wall" played this sport during a 1951 event. In one novel, Sam Simpson dies after an injury caused by a player of this sport. That player, who is shot by Harriet and later was inspired by Iris Lemon while playing this sport, is Roy Hobbs. For 10 points, identify this sport depicted in Bernard Malamud's *The Natural* in which players hit home runs.

ANSWER: Baseball

8. Mississippi Senator George Poindexter was the first to coin this phrase in a publication where he defended his choice to vote against one member's nomination for ambassadorship to Great Britain. This group also included the author of *Argus of Western America*, Amos Kendall. The dismissal of Samuel Ingham and other (*) Calhounites from one president's cabinet increased the power of this group. The most famous member of this group had earlier led the Albany Regency in his home state of New York. That man was Martin van Buren. For 10 points, name this group of advisors to Andrew Jackson that served alongside his official cabinet after the Eaton Affair.

Answer: Kitchen Cabinet (prompt on the "cabinet of Andrew Jackson" or just "cabinet")

9. This thinker distinguished three types of claimed authority. One of those types of authority is based on the appeal of an individual's virtuosity which is known as charismatic authority. A posthumously published work by this thinker contained an analysis of the city and was one of the first strictly empirical texts about normative orders. (*) That text is *Economy and Society*. The idea that the state has a monopoly on violence was developed by this man. "Religious Affiliation and Social Stratification" is a chapter in one work by this thinker. For 10 points, name this German sociologist who wrote *The Protestant Ethic and the Spirit of Capitalism*.

ANSWER: Karl Emil Maximilian "Max" Weber

10. One part of this biological system secretes the Sonic hedgehog protein during development and begins at the occipital bone. Sponges and radially symmetric animals like jellyfish are the only multicellular animals to completely lack this system. The periphery of this system contains (*) oligodendrocytes and Schwann cells and is divided into somatic and autonomic branches. Axons make up the white matter of this system while neurons make up the gray matter. For 10 points, name this system of the body that is made up of the brain and the spinal cord.

ANSWER: Central Nervous System (accept CNS, prompt on “Nervous System”)

11. One opera by this composer of the ballet *La Boutique Fantasque* tells the story of a Norwegian woman accused of being a witch who is burned by the title phenomena. That opera is *La fiamma*. That work is the first of a set of three orchestral suites based upon songs from the Renaissance and is titled *Antique Dances and Airs*. Another of this composer’s more famous works is split into movements that depict four (*) fountains in the title city at specific times of day. A B-flat major scale in the strings under a brass fanfare features prominently in the fourth movement of another suite titled for the same city. For 10 points, name this Italian composer of the *Pines of Rome*.

ANSWER: Ottorino Respighi

12. One leader of this party called his cabinet “a nest of traitors” after they all resigned due to his incompetence. That leader was Mackenzie Bowell, and this party attempted to “branch out” by giving Liberal-Progressive John Bracken control of this party. (*) “Bennett Buggies” was the nickname of a wagon in the country governed by one prime minister of this party. Robert Borden led his country into World War I while representing this party that was founded by a man who defeated Louis Riel’s Red River Rebellion. That man was also involved in the Pacific Scandal and was the first prime minister of Canada. For 10 points, John Macdonald founded what Canadian party, often called the “Tories”?

ANSWER: Conservative Party of Canada (do not accept or prompt on the Progressive Conservative Party, accept Tories of Canada before read)

13. The Greek ambassador to this country was killed in December 2016 by a military police officer who was having an affair with the ambassador’s wife. The president of the Senate of this country was forced to step down by a judge amid a scandal involving child support payments for a child he fathered out of wedlock. (*) Another corruption scandal in this country was revealed through Operation Car Wash, where it was alleged one Worker’s Party leader knew of bribery from state oil company Petrobras. For 10 points, name this South American nation in which former president Dilma Rousseff was impeached that also held the 2016 Summer Olympics in Rio.

ANSWER: Federal Republic of Brazil (or Brasil)

14. The oxalate ligand binds to this many sites in coordination complexes, and there are this many bridging hydrogen atoms in a diborane molecule. In an ortho-substitution pattern, the positions of the substituents on an aromatic hydrocarbon are given by 1 and this number. This is the number of angular nodes in a d orbital, so the d orbital’s azimuthal quantum number is equal to (*) this value. If sodium hydroxide is used to titrate sulfuric acid, there would be this many expected equivalence points. The number of neutrons found in an alpha particle is —for 10 points—what value that also is the number of atoms in molecular oxygen?

ANSWER: Two

15. Some non-canonical literature of this religious branch include one that gives 547 accounts of a religious figure's former lives known as the *Jataka*. Being free from conceit and a desire for existence in heaven are characteristics of an Archant in this faith. The discipline of the (*) sangha is discussed in a scripture of this religious branch that is part of its Tripitaka. This religious branch's religious text is the *Pali Canon*. For 10 points, identify this branch of Buddhism that is primarily practiced in Southeast Asia, which is opposed to the larger Mahayana branch.

ANSWER: Theravada Buddhism (or Hinayana Buddhism, prompt on Buddhism)

16. Fabricated intelligence reports are made by a character created by this author to provide for his daughter Milly. A beggar drinks an entire bottle of wine that was supposed to be given to the protagonist in one novel by this author of (*) *The Confidential Agent*. The "Third Force" of York Harding is followed by Alden Pyle who visits colonial Vietnam in one work by this author. In one novel by this author, Brigida is the illegitimate daughter of a priest who travels through Mexico. For 10 points, identify this English author of *Our Man in Havana*, *The Quiet American*, and *The Power and the Glory*.

ANSWER: Henry Graham Greene

17. An oasis near this body of water was named Khwarezm near what used to be known as the Oxus River. A former biological weapons facility is on "Resurrection Island", a landmass in this body of water that is disputed by two countries. The Amu Darya flows into the southern portion of this body of water and was (*) diverted to make one country a major cotton exporter in the 1960s and 70s. This body's name means "islands" in a local language—though this body is now split into a North and South lake because of Soviet damming. For 10 points, identify this lake located between Uzbekistan and Kazakhstan that has shrunk precipitously in recent years.

ANSWER: Aral Sea

18. The inverse form of this phenomenon involves changing energy levels because of ultra-relativistic electrons. The theory of this phenomenon can be verified by using a scintillation detector and a gamma spectrometer. An equation governing this phenomenon sets [read slowly] Plank's constant over mass times the speed of (*) light all times 1 minus cosine theta where theta is the angle of incidence. For 10 points, identify this type of scattering that causes an x-ray or gamma ray photon to decrease in energy and increase in wavelength when it interacts with matter.

ANSWER: Compton Scattering (prompt on Scattering before mention)

19. In their early years, this group performed strictly blues cover songs, which garnered them the attention of EMI's Columbia label. Their debut studio album, *For Your Love*, includes a song with the repeat "(Hey!) I bounce a ball that's square and round" and includes the song "I Wish You Would" and (*) "Good Morning Little School Girl". They are probably best known for their singles "Over, Under, Sideways, Down" and "Heart Full of Soul". Inducted into the Rock and Roll Hall of Fame in 1992— this is, for 10 points— what avian-named band that launched the careers of Eric Clapton, Jeff Beck, and Jimmy Page?

ANSWER: The Yardbirds

20. Two Byzantine missionaries sent to this state were said to have created the first written alphabet for these people. The decline of this state quickly followed the decline of Constantinople: its main trading partner. This state's close relations with the Byzantine Empire were solidified when Emperor Basil II's sister (*) Princess Anna married the ruler of this state in 988. One ruler of this state converted to Christianity after rejecting Islam because of its prohibition of alcohol; that ruler was Vladimir the Great. For 10 points, name this medieval state that is considered the cultural predecessor of Russia which was centered around the capital of modern-day Ukraine.

ANSWER: Kievan Rus

21 (TB). Helium can be used to pump these objects by maintaining the number of modes times $h c$ over λ for a phenomenon associated with these objects. The theoretical foundation for these objects was established by Albert Einstein in 1917 in his paper "On the Quantum Theory of Radiation". An undulator is contained in the free electron version of these devices. Electrons in this object become excited by electric currents. The light emitted from these objects, which can undergo population inversion, differs from visible light because its light only contains one wavelength. For 10 points, name this object used in barcode scanners that emits amplified light.

ANSWER: **LASER** (or **light amplification by stimulated emission of radiation**)

22 (TB). Early in this man's political career, he led a group of "insurgents" in his refusal to cast a vote for William Sheehan's senatorial caucus because of his connections to Tammany Hall. This man was the running mate of James Cox in the 1920 election. Before rising to his highest position, he succeeded Al Smith as Governor of New York. He offered John Nance Garner the position of vice president to help him win the Democratic nomination. This politician chose Henry Wallace as his Secretary of Agriculture before choosing him as his vice president in another election. For 10 points, name this Democratic President who instituted the New Deal after beating Herbert Hoover.

ANSWER: **F**ranklin **D**elano **R**oosevelt (prompt on Roosevelt)

Bonuses

1. Forces that hold molecules together like ionic and covalent bonds are much stronger than these forces. For 10 points each:

[10] Name these forces of attraction or repulsion that occur between neighboring molecules.

ANSWER: **Intermolecular** Forces (or **IMF**)

[10] This weakest of the intermolecular forces is present between all chemical groups and forms an induced dipole.

ANSWER: **London Dispersion Force** (prompt on van der Waals force, accept **LDF**)

[10] The strength of the London Dispersion Forces increases with this characteristic which is why butane has a higher boiling point than 2-methylpropane.

ANSWER: **length** of the (Carbon) **chain** (prompt on answers like “molecular size”, or “kinks”)

2. Answer the following about a religious movement that arose in Ukraine for 10 points each:

[10] Identify this Jewish sect that was founded as a response to supposedly lax practices among other Jews. A rift developed over its views on halachic observances and the disregard of the Torah in favor of a personal closeness with God.

ANSWER: **Hasidism** (or **Hasidic Judaism**)

[10] This mystic rabbi was the founder of Hasidism and had a name that meant “Master of the Good Name”. This man based his teachings on the Kabbalistic beliefs of ARIZaL.

ANSWER: Yisrael **Baal Shem Tov** (or just **Besht**)

[10] Unlike in Hasidism, Orthodox Jewish men always wear this object on their head. Other Jews choose to wear this object during prayer only.

ANSWER: **Kippah** (or **Yarmulke**)

[Editor’s Note: ARIZaL and Besht are both acronyms.]

3. This character is called a “parasite” for his slavish and sycophantic behavior. For 10 points each:

[10] Identify this character who works with his boss to try to scam characters such as Voltore and Corvino.

ANSWER: **Mosca**

[10] Mosca appears in this play where the title character employs a plot to pretend he is dead partially to avoid a conviction for his attempted rape of Celia.

ANSWER: **Volpone**

[10] *Volpone* was a play written by this Shakespearean contemporary who also wrote *The Alchemist* and *Bartholomew Fair*.

ANSWER: Ben **Jonson**

4. For 10 points each, answer some questions about a certain Roman civil war.

[10] This war started in 91 BC when several of Rome’s Italian client states revolted against Roman rule. This war gets its name from the Latin word for *allies*.

ANSWER: **Social War**

[10] The war erupted after Marcus Livius Drusus, a tribune of the plebs, was assassinated by the conservative faction in Rome after proposing to give this right to the Italian allies.

ANSWER: Roman **citizenship**

[10] This famous Roman general and seven-time consul fought in the Social War, as did his rival, Lucius Cornelius Sulla. This general is famous for his extensive military reforms and for defeating the Cimbri and the Teutones.

ANSWER: Gaius **Marius**

5. This man continued to hold his position as Minister of Transport even after calls for his resignation after the 2004 Pamukova Train Derailment. For 10 points each:

[10] Name this new Turkish prime minister who replaced Ahmet Davutoglu.

ANSWER: Binali Yildirim

[10] Binali Yildirim is a loyal member of the Justice and Development Party, a right-wing party that was created by this current President of Turkey.

ANSWER: Reccip Tayyip Erdogan

[10] In 2015, one of this country's Sukhoi 24's was shot down in Turkey after leaving Syrian air space. This country has supported Bashar al-Assad during the ongoing Syrian Civil War.

ANSWER: Russia

6. Fluid dynamics are (super) critical for understanding the world, so answer some questions about fluids for 10 points each:

[10] This type of flow occurs when a fluid travels in smooth, regular paths. The velocity, pressure and other properties of the fluid are constant at each point in the fluid.

ANSWER: Laminar flow

[10] This principle named after a Swiss mathematician says that as a speed of a fluid increases, the pressure of the fluid decreases. This principle follows from the conservation of energy.

ANSWER: Bernoulli's Principle

[10] Bernoulli also created an equation that relates pressure to elevation. This quantity, symbolized rho, is multiplied by 1/2 times the Volume squared in the equation.

ANSWER: Density

7. For 10 points each identify some Nazi Victories during the Second World War.

[10] The first part of the Nazi Victory in this country was codenamed *Case Yellow* and involved German armored units penetrating the Ardennes. They went around the obsolete Maginot Line which led to the evacuation of Dunkirk.

ANSWER: Battle of France

[10] Wilhelm List led the Nazis in this victory codenamed Operation Maritsa that commenced after the Italians were driven out after a 1940 invasion of the namesake country that was a part of the larger Balkans Campaign.

ANSWER: Battle of Greece

[10] Erwin Rommel headed this Nazi Victory that occurred in a Tunisian Pass against the advancing allied troops from Operation Torch.

ANSWER: Battle of Kasserine Pass

8. This composer was a friend of Mahler and his eighth symphony is sometimes referred to as "The Apocalyptic". For 10 points each:

[10] Identify this composer of the "Lyric" Symphony who supposedly included a cymbal clash in that symphony after learning of Wagner's death.

ANSWER: Anton Bruckner

[10] Bruckner's fourth symphony is nicknamed this word which also names a period in music that followed the Classical and featured more expressive and emotional music.

ANSWER: Romantic (or Romantic Era)

[10] This Romantic composer was most famous for song cycles such as *Dichterliebe* and composed symphonies nicknamed "The Rhenish" and "Spring".

ANSWER: Robert Schumann

9. Answer some questions related to a politician and poet for 10 points each:

[10] First, name this African poet of the 1961 collection *Nocturnes* who also wrote “From Midnight Elegy”.

ANSWER: Léopold Sédar **Senghor**

[10] Though Senegal’s first president, Senghor wrote in this language that was shared by writers of the Negritude movement including Aimé Césaire. Senghor studied at the École nationale d'administration where this language is spoken.

ANSWER: **French** (or **le Français**)

[10] This author hated Negritude as he saw it as a colonial ideology and created Sidi, a Yoruba woman desired by both Baroka and Lakunle in his play *The Lion and the Jewel*.

ANSWER: Oluwole “Wole” Babatunde **Soyinka**

10. This song was written partially in the unusual 9/8-time signature. For 10 points each:

[10] Identify this jazz song that features Eugene Wright on bass and an additive rhythm. The composer of this Mozart-inspired song said it was inspired by Turkish street formers.

ANSWER: **“Blue Rondo à la Turk”**

[10] “Blue Rondo à la Turk” appeared on *Time Out*, which was a jazz album that featured this pianist who composed “Unsquare Dance” and “Take 5.”

ANSWER: Dave **Brubeck**

[10] Dave Brubeck was the second jazz musician to be on the cover of *Time*. The first was this trumpeter and scat singer, best known for “What a Wonderful World.”

ANSWER: Louis **Armstrong** (prompt on Satchmo or Pops or other nicknames)

11. The 1689 Boston revolt led to the dissolution of this government. For 10 points each:

[10] Name this government that was last led by Edmund Andros that included Connecticut and 5 other English colonies.

ANSWER: **Dominion of New England**

[10] After the fall of the Dominion of New England, this province was created that was a combination of the Plymouth colony and a similarly-named predecessor that had fought the Pequot War and expelled Anne Hutchinson.

ANSWER: Province of **Massachusetts Bay** (do not accept or prompt on Massachusetts Bay Colony)

[10] The Province of Massachusetts Bays’ early years would be plagued by this event that started after the slave Tituba told tales of Voodoo.

ANSWER: **Salem witch trials**

12. A surgeon living in this city is forced to quit his job and become a window washer due to an article he publishes comparing Communism to Oedipus. For 10 points each:

[10] Name this city where a photographer declares a “war on kitsch” and strikes up a relationship with a university professor named Franz. Two characters living in this city are inspired by *Anna Karenina* when deciding what to name their dog.

ANSWER: **Prague**

[10] The intertwining lives of Sabina, Franz, Tomas, and Tereza are recounted in this 1984 novel, set during the Prague Spring. It begins by discussing Nietzsche’s philosophy of “eternal recurrence.”

ANSWER: *The **Unbearable Lightness of Being***

[10] This modern Czech author, who was exiled from the Czech Republic in 1975, wrote *The Unbearable Lightness of Being* and *The Joke*.

ANSWER: Milan **Kundera**

13. This TV show brought the cringe-inducing “time is a flat circle” joke to the zeitgeist. For 10 points each:

[10] Identify this TV series in which the detectives Rustin Cohle and Martin Hart try to solve a gruesome murder in Louisiana.

ANSWER: True Detective

[10] This actor, not known for his dramatic roles, portrayed Frank Semyon who said weird things such as “You don’t do somebody else’s time.” This actor is more famous for starring in *Swingers* and *Wedding Crashers* with Owen Wilson.

ANSWER: Vince Vaughn

[10] This filmmaker helped direct *True Detective* along with Nick Pizzolatto. He also directed *Beasts of No Nation* which tells the story of an African child soldier who is brutally ordered around by a character played by Idris Elba.

ANSWER: Cary Joji Fukunaga

14. Answer some questions about European involvement in China during the 19th century for 10 points each:

[10] This 1899-1901 Chinese rebellion aimed to remove foreigners from China but was suppressed by a coalition of Western nations. China had to pay more than a year’s tax revenue in silver after this anti-Christian event.

ANSWER: Boxer Rebellion

[10] An alliance of this many European nations and Japan was formed to end the Boxer Rebellion. This group tried to secure influence in China through port control and nations of this group signed the Unequal Treaties with China.

ANSWER: The Eight Nation Alliance

[10] Until her death in 1908, this former concubine effectively controlled Qing [pr. “Cing”] China. This mother of the Tongzhi Emperor rejected the suggestions of the Hundred Days of Reform after China was defeated in the Sino-Japanese war.

ANSWER: Empress Dowager Cixi (or Tzu-his)

15. When using the “by parts” version of this operation, this operation on $u \cdot v'$ is equal to $u \cdot v$ minus this operation $v \cdot u'$. For 10 points each:

[10] Identify this operation that is the opposite of differentiation.

ANSWER: Integration (accept Integral)

[10] This other integration method named after a letter allows for one to integrate a simple function by taking the functions derivative. For example, one can integrate $\sin x \cos x dx$ [“sine x cosine x d x”] using this method.

ANSWER: U-substitution

[10] When evaluating an integral using the partial fractions method, this mathematician’s method of finding partial fractions can be used. This man’s “cover-up” method involves finding a residue.

ANSWER: Oliver Heaviside

16. This artist magnanimously declared “this is not a pipe” in one painting that depicted a pipe. For 10 points each:

[10] Name this artist who also painted a man in a hat behind an apple in *The Son of Man*.

ANSWER: René Magritte

[10] In Magritte’s *Time Transfixed*, this smoking object used for transportation is coming out a fireplace.

ANSWER: A Train (accept equivalents such as locomotive)

[10] This German surrealist artist attached a red wooden gate to his painting *Two Children Are Threatened by a Nightingale* and combined a person and a red building in his *Ubu Imperator*.

ANSWER: Max Ernst

17. The writings of this thinker including the *Cure* are important in both medicine and philosophy. For 10 points each:

[10] Identify this philosopher who argued that all knowledge is in forming concepts known as *taṣawwur* by means of forming definitions or by acknowledging truth in the concept of *taṣdīq*.

ANSWER: **Avicenna** (or Abū ‘Alī al-Ḥusayn ibn ‘Abd Allāh ibn Al-Hasan ibn Ali **ibn Sīnā**)

[10] Avicenna influenced this Spanish Jewish philosopher who critiqued the kalam and reconciles religious and philosophical thought in his *Guide of the Perplexed*.

ANSWER: **Maimonides** (or Rabbi **Moses ben Maimon**)

[10] Baruch Spinoza also wrote on religion and said, “God is nature”, but that did not prevent him from being excommunicated from this Abrahamic religion and banned from the Nation of Israel.

ANSWER: **Judaism**

18. Answer the following about the ultimate battle in Norse mythology for 10 points each:

[10] The battle that precedes the end of time is known by this name. At this battle, Odin is killed by Fenrir.

ANSWER: **Ragnarök** (or **Ragnarøkkr**)

[10] Loki tricked this blind god into killing Baldr with a dart of mistletoe which preceded Ragnarök.

ANSWER: **Hodr** (or **Höðr** [be lenient on pronunciation])

[10] Name *either* of the two humans who survive Ragnarök by hiding in Mimir’s forest who later go on to repopulate the earth.

ANSWER: **Lif** or **Lifthrasir** (Obviously, award points for both answers. Do not accept answers where one guess is wrong.)

19. Stenospermocarpic fruits are often sprayed with this substance to increase the size of the fruit. For 10 points each:

[10] Name these substances that are diterpenoid acids and encourage stem elongation. The first discovered one of them was known as GA3.

ANSWER: **gibberellins**

[10] Gibberellins are these kinds of substances that regulate certain organismal development, other examples of which include auxins and ethylene.

ANSWER: **plant hormones** (prompt on hormones)

[10] The plant hormone auxin is responsible for cell elongation, which occurs due to the loosening of this structure. It is often composed of cellulose and pectin.

ANSWER: **cell wall** (do not accept or prompt on answers that include “membrane”)

20. Mick wants to buy a piano in this novel, and like the alcoholic Jack Blount, confides in the deaf-mute John Singer. For 10 points each:

[10] Identify this Southern novel in which Spiros Antonapoulos is sent to an asylum at its beginning.

ANSWER: **The Heart is a Lonely Hunter**

[10] *The Heart is a Lonely Hunter* was the debut novel of this author who also wrote *The Member of the Wedding*.

ANSWER: Carson **McCullers**

[10] This other author from the American South wrote about Laurel who travels to New Orleans to take care of her father Judge McKelva in *The Optimist’s Daughter*.

ANSWER: Eudora **Welty**

21 (TB). Identify the following works of literature about provincial and frontier American life for 10 points each.

[10] This poem collection named after an Illinois town is a collection of 244 epitaphs of former citizens. This collection contains the poem “The Hill” which explains the lives of “Herman, Bert, Tom and Charley”.

ANSWER: ***The Spoon River Anthology***

[10] In this Midwestern story collection by Sherwood Anderson, Wing Biddlebaum flees the title town after a false accusation. Throughout this collection, characters such as Doctor Parcival confide in George Willard.

ANSWER: ***Winesburg, Ohio***

[10] The author of *My Antonia*, Willa Cather wrote this first novel in her *Great Plains Trilogy* about the Bergsons who live in Hannover, Nebraska.

ANSWER: ***O’ Pioneers!***