

ACF Regionals 2016: Ben There, Didn't Do That

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TOSSUPS:

1. One book by this thinker suggests that Dilthey successfully distinguished the practical and technical “cognitive interests” of the human vs. natural sciences, but fell prey to positivism. Another work by him divides rationality into aesthetic, normative, and cognitive-instrumental forms. This author of *Knowledge and Human Interests* suggested that the replacement of a representational culture with a *Öffentlichkeit* culture was fostered by institutions like Masonic lodges and coffeehouses. He attempted to synthesize the paradigms of lifeworld and system in a work that uses linguistic structures to analyze human actions. For 10 points, name this German philosopher, who wrote *The Structural Transformation of the Public Sphere* and *The Theory of Communicative Action*.

ANSWER: Jürgen **Habermas**

2. One character in this story remarks that a man is sometimes “afraid to be alone with himself”, shortly after Squire Saunders forgets to invite someone to his table for Sunday supper. The author of this story appended a note at its end claiming that it was based on a Joseph Moody from Maine, who as a youth had killed his friend. The protagonist of this story is frightened by his own reflection in a wine glass, and drops it during a wedding, shortly before he is abandoned by his fiancée Elizabeth. This story’s protagonist dies after proclaiming that he sees the title object “on every visage”, and began the story by frightening his parishioners by delivering a sermon on “secret sin”. For 10 points, name this Nathaniel Hawthorne short story about a dark cloth worn by Reverend Hooper.

ANSWER: “The **Minister’s Black Veil**”

3. This colony's practice of deciding local elections by who could bribe more people with hard liquor was championed by James Woods. Its final governor won a battle prompted by his seizure of a store of gunpowder at Kemp's Landing. This colony gained hunting grounds in the Treaty of Camp Charlotte after its militia defeated Chief Cornstalk at the battle of Point Pleasant. The comte de Grasse arrived at a siege in this colony with 24 ships from the West Indies, forcing Charles O'Hara to surrender. This colony fought the Shawnee in a war named for Lord Dunmore, who fled it after the Battle of Norfolk. For 10 points, name this state where Charles Cornwallis surrendered to native son George Washington at the Battle of Yorktown.

ANSWER: **Virginia**

4. To aid in performing this process, Smalltalk and Racket make use of ephemerons. A lazy algorithm developed for this process by Lins works most efficiently when side effects are rare. One package for this purpose in C was developed by Boehm, Demers, and Weiser. A new heap is created and live objects moved to it in Cheney's algorithm for this process. All methods for performing it on the Java virtual machine are stop-the-world. This process can make use of a finalizer. The tracing that precedes this process is often used instead of reference counting, and can be accomplished by Dijkstra's three-color or mark-sweep techniques. For 10 points, name this automatic type of memory management which frees up space taken by objects that are no longer used.

ANSWER: **garbage collection** [or **GC** , accept word forms]

5. One work by this thinker invokes Faulkner's line about Pickett's charge to consider competing social ownership of civil war historiography. Another work by this man charts the history of a certain concept from Belinda Royall in colonial Massachusetts in the section "We Inherit Our Ample Patrimony, and continually mentions Clyde Ross, who joined the Contract Buyers League to combat predatory mortgage lending. The best-known book by this man recounts a trip to France that provides a cultural and physical contrast to the American "heritage" of destroying the body of a certain population. That book, addressed to this man's son, built on his award-winning *Atlantic* "The Case for Reparations." For 10 points, name this African American intellectual and author of *Between the World and Me*.
ANSWER: Ta-Nehisi **Coates**

6. They're not vacuum tubes, but if the frequency-gap product is too large in these devices, the resulting electron cascade can destroy them via the multipactor effect. Sommerfeld sometimes lends his name to one of these devices invented by George Goubau. The effective index method is not as good as the Marcattili method for approximating behavior inside these structures. The natural one formed by the lower boundary of the ionosphere and Earth's surface can explain Schumann resonance. Solving Maxwell's equations with appropriate boundary conditions yields hybrid, TM, TE, but not TEM modes in the one-conductor rectangular form of these devices. For 10 points, identify these structures like optical fibers that force linear propagation of electromagnetic radiation.
ANSWER: **waveguides**

7. A group of Ostrogoths who did not follow Theodoric into Italy moved to this region and founded its city of Mangup, which the Byzantines named Dory. The Spartocid dynasty ruled the Kingdom of the Bosphorus from this region's city of Panticapaeum. A native state in this region was established by Hacı I Giray and ruled from Bakshisarai. Vladimir I was baptized after taking a city in this region, Chersonesus. A Mongol siege of Genoa's colony in this region, Caffa, may have introduced the Black Death to Europe. A war named for this region included the battles of Taganrog and Sinope. For 10 points, name this home to a population of Tatars, a Black Sea peninsula that includes Sevastopol and has been annexed by Russian autocrats Catherine the Great and Vladimir Putin
ANSWER: **Crimean** Peninsula

8. In his first appearance, this figure's "womanly hair" is compared to that of Nisaba, the goddess of corn. After only ever drinking milk from animals, this figure's first encounter with alcohol ends with him drinking seven full goblets of wine. This figure finds that he can no longer chase gazelle after spending six days and seven nights sleeping with a harlot. This figure's arrival is presaged by dreams of a falling meteorite and of an axe that won't budge. After this figure's death, his companion seeks out of a plant to renew his youth at the bottom of the ocean on the advice of the flood survivor Utnapishtim. This man is cursed to die after he aids his more famous companion in defeating the Guardian of the Cedar Forest and the Bull of Heaven. For 10 points, name this Mesopotamian wild man, the bosom-companion of Gilgamesh.
ANSWER: **Enkidu**

9. A prologue in this play begins by describing a time when the "wide vessel of the universe" was full of "creeping murmur and the poring dark." In his only soliloquy, the title character of this play mulls on the word "ceremony", asking "What kind of god art thou [?]" The opening prologue to this play begins with a chorus invoking "a Muse of fire, that would ascend the brightest heaven of invention". Falstaff's death is described in this play, whose title character woos Catherine of Valois, and delivers a speech that begins: "Once more unto the breach, dear friends". Another speech in this play includes the line: "We few, we happy few, we band of brothers". For 10 points, name this Shakespeare play featuring the St. Crispin's Day speech, in which Prince Hal has become king.
ANSWER: **Henry V**

10. This instrument plays the only extended solo in the overture to Verdi's *Luisa Miller*. This is the solo instrument in a piece that opens with the movement "The Perilous Shore". This instrument introduces the main theme to "The Pines of Janiculum" from Respighi's *The Pines of Rome*. This instrument has a long solo at the beginning of the Adagio from Rachmaninoff's Second Symphony, and it first states the Shaker theme in Copland's *Appalachian Spring*. John Adams' *Gnarly Buttons* is for this instrument. Heinrich Baermann, a virtuoso on this instrument, was the dedicatee of Carl Maria von Weber's two concertos for it. The basset horn is a variant of, for 10 points, what single-reed woodwind instrument, which plays a notable glissando at the opening of Gershwin's *Rhapsody in Blue*?
ANSWER: **clarinet**

11. A prophecy about this man linked his rise to killing a boar, which supposedly came true when he executed the prefect Aper, whose name means "boar." This man became undisputed emperor of Rome after an indecisive battle at the confluence of the Danube and Margus rivers led to the death of his rival Carinus. This builder of a notable palace in Split, Croatia, installed his administration at Nicomedia and selected Maximian to rule from Milan. He later selected Constantius I Chlorus to rule under Maximian from Trier and chose Galerius as his own junior ruler. This issuer of the Edict of Maximum Prices ended the Crisis of the Third Century by establishing the Tetrarchy. For 10 points, name this Emperor who oversaw the last major persecution of Christians in the Roman empire.
ANSWER: **Diocletian**

12. In one text, every time this man does something *tamiyd*, or daily, it is unusually not preceded by the word for sacrifice. This figure became sick for days after having a vision of a one-horned goat fighting an asymmetrically-horned ram. This man and his friends insist on eating vegetables instead of the food given to them by a king. In a story from this man's namesake book, Abednego, Meshach, and Shadrach refuse to worship a golden statue and are thrown into a furnace. This man explained the meaning of a statue with a head of gold and feet of clay that appeared in Nebuchadnezzar's dream, and read the writing on the wall at Belshazzar's feast. For 10 points, name this Old Testament figure who was miraculously unharmed in a lions' den.
ANSWER: **Daniel**

13. One scene in this work describes a child struggling for over half an hour with the gallows noose that kills him, as he and the Dutch overseer he works for are hanged for sabotaging a power station. The narrator of this work is beaten while working in an electrical warehouse, but then has his forehead wiped by a French girl whom he meets years later in a Paris metro. In the early parts of this work, characters ignore the ravings of an exiled man who was shot in the leg, and who insists that he watched a little girl take days to die. Moshe the Beadle's warnings go unheeded by the citizens of the Sighet ghetto, before they are sent to concentration camps in this work, which was followed by sequels called *Dawn* and *Day*. For 10 points, name this autobiographical work about the Holocaust by Elie Wiesel.
ANSWER: **Night** [or *La Nuit*]

14. At this painting's bottom-left, a cherub holds an arrow in one hand and a torch in the other and flies upward to another cherub who holds a dangling chain. The central figure of this painting sits on three sheets of white, blue, and red fabric. At the bottom-right of this painting is a black cloud on which two peacocks stand. At this painting's center, a net-wielding cherub pursues a swooping black eagle that holds a set of thunderbolts in its claws. A nearly-horizontal levitating Zeus in this painting holds out a baby to the left, and ten gold stars in this painting shoot out over the head of a goddess. For 10 points, Hera pushing away a nursing Hercules is depicted in what painting by Tintoretto?
ANSWER: *The **Origin of the Milky Way***

15. The point at which the second virial coefficient is zero is inversely proportional to a van der Waals coefficient times this quantity; that point is the Boyle temperature. van der Waals predicts the critical temperature to be at $8a$ over $27b$ times this quantity. The difference between the heat capacities in the numerator and denominator of the adiabatic index is equal to it. Plotting rate constant against reciprocal temperature gives a graph with slope inversely proportional to this value, because it appears in the denominator of the exponential term of the Arrhenius equation. This constant is the result of multiplying Boltzmann's constant by the Avogadro constant, and it's equal to PV over NT . For 10 points, what is this constant, often symbolized R ?

ANSWER: **ideal gas** constant [accept **R** before mentioned]

16. A disturbingly accurate memorial in this country uses a massive metal hand holding a breast to symbolize the objects severed during ethnic carnage at Anolee. Its monarchy's fierce hatred of faith-alone salvation led to the Stephanite suppressions under Queen Eleni. The iconoclastic jihadist Ahmed Grann ruled the Adal Sultanate in this country. Ali I and Yostos vied for power after the death of Iyasu the Great during this country's Zemene Mesafint, or Era of Princes. Robert Napier's siege of Magdala triggered the suicide of Tewodros II in this nation, where rock-hewn churches were built by the Zagwe dynasty. The Kebra Negast traces the lineage of its Solomonic dynasty to the Queen of Sheba. For 10 points, name this African nation where Haile Selassie ruled from Addis Ababa.

ANSWER: Federal Democratic Republic of **Ethiopia**

17. In a scene from a film by this director, two rows of green-shaded lamps frame a darkened board room where a man rants: "There is no America. There is no democracy. There is only IBM, and ITT, and AT&T...". One film by this director ends with General Black dropping a nuclear bomb on New York City to stave off retaliation by the Soviet Union. In another film by this director, a first-time bank robber chants "Attica! Attica!" at a group of cops. In a film by this director of *Fail-Safe* and *Dog Day Afternoon*, Henry Fonda's character convinces his fellow jurors to acquit a teenage boy. In another of his films, the Peter Finch-played Howard Beale yells "I'm mad as hell, and I'm not going to take this anymore". For 10 points, name this director of *12 Angry Men* and *Network*.

ANSWER: Sidney (Arthur) **Lumet**

18. The high rate of this condition in African-Americans is partially explained by the DARC receptor. Drugs used to treat this condition generally fall into two categories: calcineurin inhibitors such as tacrolimus and cyclosporine, and mTOR inhibitors such as everolimus and rapamycin. This condition can be triggered by opsonization followed by a complement cascade, in which many phagocytes are recruited to the area.. The risk of this phenomenon can be mitigated by serotyping both parties before one process, to ensure the human leukocyte antigens are sufficiently similar. For 10 points, identify this condition where a host's immune system destroys grafted foreign tissues, like a donated kidney.

ANSWER: organ **transplant rejection** [accept clear equivalents; accept **host-versus-graft disease** before it is mentioned; do not accept graft-versus-host disease or GvHD]

19. At first, only reapers in the fields overhear the title character of this poem. Near the setting of this poem, "up and down the people go, / gazing where the lilies blow." Those who travel near this poem's setting include "an abbot on an ambling pad" and a "long-haired page in crimson clad." Upon seeing a body, a character in this poem laments, "she has a lovely face." The title figure of this poem weaves all that she sees at her loom but is nonetheless "half-sick of shadows." When its title character hears a knight sing "tirra lirra" by the river, she looks through the window of her tower, triggering a curse. For 10 points, name this poem by Alfred, Lord Tennyson about a woman who watches the road to Camelot through a mirror that cracks if she looks away.

ANSWER: "The **Lady of Shalott**"

20. Fotini Christia argues that power distribution rather than group identity dictates the alliance behavior associated with this phenomenon. Stathis Kalyvas explained violence associated with this phenomenon as a logical response to information problems. This phenomenon was paired with ethnicity and insurgency in a seminal study by Fearon and Laitin. Collier and Hoeffler put forth the “greed or grievance” theory of this phenomenon, which has decreased by 92% since the end of the Cold War. The end of this phenomenon is often managed with the DDR process, which seeks to reintegrate formerly competing parties like Colombia's AUC and FARC. For 10 points, identify these internal struggles that have occurred between the KMT-PRC in China and the Union and Confederacy in the U.S. ANSWER: Civil wars [be generous about accepting reasonable equivalents, including civil conflict, etc.; prompt on more general answers including violence, war, specific kinds of conflict, etc., but these are not specific enough as the title and subject of every clue specifically deals with civil wars]

BONUSES:

1. In this novel, King Dahfu is on a quest to hunt the lion that he believes is that reincarnation of his dead father. For 10 points each:

[10] Name this novel whose protagonist is an American traveler who tries to get rid of the frogs in the cistern of the Arnewi, before he accidentally has the title honorific bestowed on him by the Wariri tribe.

ANSWER: **Henderson the Rain King**

[10] *Henderson the Rain King* is by this 20th-century American author of *The Adventures of Augie March* and *Humboldt's Gift*.

ANSWER: Saul **Bellow** [or Solomon **Bellows**]

[10] The title character of *Humboldt's Gift* is modeled on this real-life mentor of Saul Bellow. This author of the short story "In Dreams Begins Responsibilities" had his poems collected in the volume *Summer Knowledge*.

ANSWER: Delmore **Schwartz**

2. When first published by John Day, this text was a gigantic tome of crazy woodcuts and accompanying stories that took both hands to lift. For 10 points each:

[10] Name this text, originally titled *Actes and Monuments*. Its section "Monstrous Outrages Upon Females" sometimes featured the image of a woman whose womb bursts open, dumping her fetus into open flames.

ANSWER: *Foxe's* **Book of Martyrs**

[10] The *Book of Martyrs* was updated through the 1820s and ends with violence against the Judson missionaries in this country. Johnny and Luther Htoo led the Christian "God's Army" Karen rebels against SLORC in this country.

ANSWER: **Myanmar** [or **Burma**]

[10] Most of the good contemporary martyrizing depicted in the book occurred during the reign of this daughter of Catherine of Aragon and wife of Spain's Philip II.

ANSWER: **Mary I** [or **Mary Tudor**; or **Bloody Mary**; prompt on just **Mary**]

3. This incident was the culmination of an effort to dissolve the union of the Amalgamated Association of Iron and Steel Workers. For 10 points each:

[10] Name this 1892 event sparked by the firing of 3800 steel workers, who then used rifles, dynamite, and a flaming train car to stop private enforcers from controlling the plant and forcing them back to work.

ANSWER: **Homestead** Strike [or **Homestead** Riot]

[10] Andrew Carnegie told this manager of the Homestead steel plant "we approve of anything you do" with regards to the handling of the strike.

ANSWER: Henry **Frick**

[10] This influential newspaper editor attempted to intervene on behalf of the strikers. He took over the *New York Tribune* from Horace Greeley, and replaced Levi Morton as Benjamin Harrison's VP nominee in the 1892 election.

ANSWER: Whitelaw **Reid**

4. Answer the following about some particularly resilient biological organisms, for 10 points each.

[10] Watermelon snow, a species of algae that can survive freezing temperatures, and *Halomonas salaria*, which thrives at 1000-atm pressures, are examples of this general class of organisms that can endure conditions typically unsuitable for life.

ANSWER: **extremophiles**

[10] This group of extremophilic autotrophs live inside coral, rock, or animal shells. It's theorized that some of them could be able to live on Mars.

ANSWER: **endoliths**

[10] Endoliths are thus prime candidates for this hypothetical activity, where an originally lifeless planet is seeded with life from elsewhere in the universe.

ANSWER: directed **panspermia**

5. Help Al the Atheist avoid desecrating some sacred objects by answering the following questions, for 10 points each:

[10] While enjoying a snack break during a tour of some holy sites, you stop Al from devouring a tortilla featuring an image of Our Lady of Guadalupe, a Marian apparition that appeared in this North American country.

ANSWER: **Mexico**

[10] You've barely secured the holy tortilla when you notice Al about to wipe off some salsa with the veil of this saint, used to wipe the blood from Christ's face. You save it by handing him another rag just in time.

ANSWER: Saint **Veronica**

[10] Unfortunately, that rag you handed Al was actually this OTHER relic, which used to show a portrait of Christ that appeared miraculously on the parchment of King Abgar's court painter. Thanks to your fuck-up though, it now just looks like the monkey-Christ from that botched painting restoration in Spain.

ANSWER: The **Mandyllion** [or the **Image of Edessa**]

6. In this novel, journalist Oscar Fate is sent to Mexico to cover a boxing match despite not knowing anything about boxing. For 10 points each:

[10] Name this novel. In its fourth section, "The Part About the Crimes", the authorities investigate a string of female homicides in the town of Santa Teresa, which is a loosely-fictionalized version of Ciudad Juarez.

ANSWER: **2666**

[10] *2666* was the final novel of Roberto Bolaño, an author from this South American country, whose other major writers include Ariel Dorfman and Isabel Allende.

ANSWER: Republic of **Chile**

[10] In *2666*, four literary critics end up in Santa Teresa because of their search for this reclusive German author, whose life is the focus of the fifth section of the novel.

ANSWER: **Benno** von **Archimboldi** [accept either name]

7. This philosopher's attacks on casuistry culminated in his defense of Jansenism in his *Provincial Letters*. For 10 points each:

[10] Name this 17th-century French philosopher. His *Pensées* contains his wager that it is more prudent to believe in God, just in case he exists.

ANSWER: Blaise **Pascal**

[10] Pascal's theory of knowledge is a foundation of *The Aim and Structure of Physical Theory* by this Neo-Pascalian French philosopher, who is the alphabetically prior co-namesake of a thesis that states that scientific hypotheses are inherently bundled with other hypotheses in systems, and therefore cannot be tested in isolation.

ANSWER: Pierre **Duhem**

[10] Duhem co-names that thesis with this 20th-century American philosopher who wrote "Two Dogmas of Empiricism" and proposed the concept of "indeterminacy of translation" in *Word and Object*.

ANSWER: Willard van Orman **Quine**

8. This house lost power after the death of Casimir III the Great, the son of Wladyslaw the Elbow-High. For 10 points each:

[10] Name this dynasty founded by Mieszko I that ruled an oft-partitioned country in eastern Europe.

ANSWER: **Piast**

[10] The Piasts ruled over this country, which united with Lithuania in the Union of Lublin. This nation was later partitioned three times during the rule of Stanislaw Poniatowski.

ANSWER: **Poland**

[10] The Piasts ruled over Silesia, which much later in 1844 would experience this sort of event that crystallized much of the discord that went on to break out in 1848. Marx distributed a political poem by Heine about it.

ANSWER: A **Weavers' Revolt** [prompt on partial answer]

9. This character becomes jealous after noticing that the eyes in her lover's painting of Mary Magdalene are modeled on those of the Marchesa Attavanti. For 10 points each:

[10] Name this opera character who leaps off of a wall after finding out that Cavaradossi is dead and that Baron Scarpia has betrayed her.

ANSWER: **Floria Tosca** [accept either]

[10] *Tosca* is by this Italian composer, whose other operas includes *Madama Butterfly*.

ANSWER: Giacomo (Antonio Domenico Michele Secondo Maria) **Puccini**

[10] This is the aria that Cavaradossi sings while discussing combining Tosca's dark hair and Attavanti's blue eyes in the features of his painting of Mary Magdalene.

ANSWER: "**Recondita Armonia**"

10. This "global conveyor belt" explains how CFCs got into the North Atlantic Deep Water. For 10 points each:

[10] Identify this cause of deep ocean currents. As its name suggests, it is driven by temperature and salinity-caused differences in seawater density.

ANSWER: **thermohaline circulation** [or **THC**, accept **meridional overturning circulation**, prompt on answers like "great ocean conveyor belt"]

[10] While deep ocean currents are driven mostly by thermohaline circulation, this phenomenon drives surface currents like the Gulf Stream. The Beaufort Scale estimates its speed in terms of observed effects.

ANSWER: **wind** speed

[10] Unless you believe the Clovis Comet hypothesis, you probably agree that the sharp decline in Earth's temperature during this time period was due to an influx of freshwater from Lake Agassiz shutting down North Atlantic THC.

ANSWER: **Younger Dryas** [accept **Loch Lomond** stadial or **Nahangan** stadial, prompt on **Pleistocene**, do not accept or prompt answers like "the ice age" or "Last Glacial Maximum" since that was way earlier]

11. This king signed the treaty of Dover with England, who then aided him when he invaded the United Provinces. For 10 points each:

[10] Name this king of France who fought the War of the Grand Alliance and famously declared “I am the State.”

ANSWER: **Louis XIV**

[10] These treaties, signed in 1678 and 1679, ended the Franco-Dutch War, giving France significant holdings in modern Belgium.

ANSWER: Treaties of **Nijmegen**

[10] This Dutch Admiral active during the Franco- and Anglo-Dutch wars commanded at the Four Days' and St. James's Day battles before destroying the docked British fleet in the daring Raid on the Medway.

ANSWER: Michiel **de Ruyter**

12. A toxic bis-ether byproduct is created in one reaction of this type. For 10 points each:

[10] Identify these reactions, usually catalyzed by formaldehyde, in which the namesake substituent is added to an aromatic ring. The most famous of them was discovered by Gustave Blanc.

ANSWER: **chloromethylations**

[10] The added chloromethyl has this many carbons, as its name suggests. The formaldehyde catalyst in the Blanc chloromethylation also has this many carbon atoms, and, being a simple ketone, this many oxygens.

ANSWER: **one** [do not accept “two”]

[10] This element’s chloride is the source of chlorine in the Blanc reaction. An amalgam of this metal is used in the Clemmensen reduction.

ANSWER: **zinc** [or **Zn**]

13. Finland has sure produced a lot of important composers. For 10 points each:

[10] Perhaps the most famous Finnish composer, this man wrote “The Swan of Tuonela” and *Finlandia*.

ANSWER: Jean **Sibelius**

[10] Finnish composer Esa-Pekka Salonen was the music director of this city’s symphony orchestra from 1992 to 2009, after which he was succeeded by Gustavo Dudamel.

ANSWER: **Los Angeles**

[10] This Finnish composer has developed his own style of aleatoric composition that he calls “free pulsation”, which he used in writing many of his 286 symphonies, as well as his *Lemming* String Quartet.

ANSWER: Leif **Segerstam**

14. Even when different types of these events occur, as long as they allocate goods in the same manner, they have the same expected revenue. For 10 points each:

[10] Identify these markets in which goods are typically sold to the highest bidder.

ANSWER: **auctions**

[10] Auction theory is a subfield of this economic discipline, sometimes called reverse game theory. By its revelation principle, all games can be engineered to incentivize truthful revealing of private information.

ANSWER: **mechanism design**

[10] Auctions allow for a primitive form of this practice, where different subsets of the market pay different prices for a similar good. The “second degree” type of this practice offers a smaller unit price to people who buy more.

ANSWER: **price discrimination** [accept word forms]

15. For 10 points each, answer the following about verse techniques and structures in Greek tragedy.

[10] This is the general name for a lyric stanza in a tragedy. Pindar wrote verses of this type in commemoration of various festival victories, and Keats wrote ones about a nightingale and a Grecian urn.

ANSWER: **odes**

[10] This is the first part of an ode, delivered by the chorus as it moved left across the stage. When the chorus moved right, they delivered a stanza called the “anti”-*this*. In modern poetry, this can also refer to a stanza-like unit of irregular lines.

ANSWER: **strophe**

[10] In a technique called stichomythia, often used for argument, characters take turns delivering speeches of this many lines.

ANSWER: **one**

16. This dynasty was founded by Wen Di, using his daughter's marriage to the Emperor of Northern Zhou to maneuver his way into power. For 10 points each:

[10] Name this Chinese dynasty, whose emperor Yangdi built a new capital at Luoyang.

ANSWER: **Sui** dynasty

[10] The Sui dynasty built the portion of this waterway connecting the Huang He and the Huai river. This waterway connects Huangzhou to Beijing.

ANSWER: The **Grand Canal** [or **Da Yunhe**; or **Ta Yun-ho**; or **Jing-Hang Yunhe**]

[10] The Sui dynasty was overthrown by this general, who became the first emperor of the Tang dynasty. His son Taizong solidified his power at the Battle of Hulao.

ANSWER: **Gaozu** [or **Li Yuan**]

17. When the protagonist of this novel wakes up with a hangover, he is described as feeling like “His mouth had been used as a latrine by some small creature of the night, and then as its mausoleum”. For 10 points each:

[10] Name this novel centering on the title English history professor who, after delivering a drunken lecture on “Merrie England”, leaves his sexless relationship with Margaret Peel for Christine Callaghan.

ANSWER: **Lucky Jim**

[10] *Lucky Jim* is by Kingsley Amis, who was, along with John Osborne and John Braine, a member of this 20th-century British literary movement, known for their furious attacks on traditional British society.

ANSWER: “**Angry Young Men**”

[10] *Lucky Jim* started the tradition of the British “campus novel,” which was reinvigorated by David Lodge in this novel, in which professors Philip Swallow and Morris Zapp each teach one semester at the other’s university.

ANSWER: **Changing Places**

18. The second version of this work currently resides in Berlin’s Charlottenburg Palace, while the original is housed by the Louvre. For 10 points each:

[10] Name this *fête galante* painting, in which cupids flock around a group of lovers preparing to either leave or travel to the birthplace of Venus.

ANSWER: *The **Embarkation for Cythera*** [or *The **Pilgrimage to Cythera***; accept “**to**” or “**from**” instead of “**for**” in both previous answer forms; or *L’**Embarquement pour Cythère*** or ***Pèlerinage à l’île de Cythère***]

[10] *The Embarkation for Cythera* is a creation of this 18th-century French Rococo artist, who also painted *The Shop-Sign of Gersaint*.

ANSWER: Jean-Antoine **Watteau**

[10] Watteau was beaten by Antoine Grison in his 1709 attempt to gain this prestigious art scholarship awarded by the *Académie Royale de Peinture et de Sculpture*, which included a paid study trip in the namesake city.

ANSWER: **Prix de Rome**

19. In the *Odyssey*, it's sometimes hard to tell whether Odysseus or Poseidon is the bigger dick. For 10 points each:
[10] The fundamental dispute between the two arose when Odysseus blinded and taunted this shepherd-cyclops with a red-hot spear right in the eyeball.

ANSWER: **Polyphemos** [or **Polyphemus**]

[10] In one of his many acts of revenge against Odysseus, Poseidon turns a ship used by the inhabitants of this island to stone because it bore him home. The people who live here are ruled by Alkinoos, and include Nausicaa.

ANSWER: **Phaiakia** [or **Phaeacia**; or **Scheria**]

[10] Tiresias tells Odysseus that if he wants to end the dispute with Poseidon, he'll have to go on a long inland journey carrying one of these objects on his shoulder.

ANSWER: an **oar**

20. Answer some questions about the career of the great physicist Bruno Rossi. For 10 points each:

[10] After his Italian citizenship was revoked due to his Judaism, Rossi settled in the United States, where he worked with D. B. Hall to measure the lifetime of these cosmic particles.

ANSWER: **muons**

[10] While working on the Manhattan Project, Rossi led a set of experiments on the first member of this series of elements. Their radii decrease in a namesake contraction, and they lie above the actinides.

ANSWER: **lanthanide** series [or **lanthanoids**]

[10] Rossi's design for the Explorer 10's plasma probe was similar to one of these devices, which uses the induced current to estimate the number of ions that it caught.

ANSWER: **Faraday cup**