

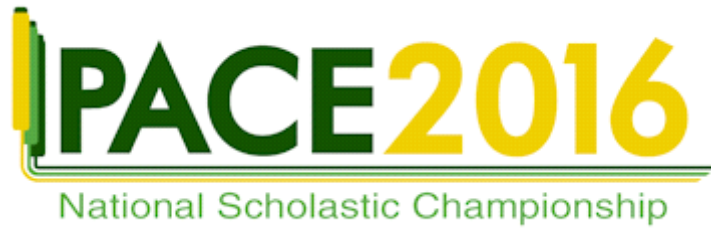
2016 NSC - Official Scoresheet

Round	16	Room	
Bracket			
Reader			

Team									Team								
Player Names																	
Q#					Bonus	Steals	Ques. Total	Run. Score					Bonus	Steals	Ques. Total	Run. score	
1																	
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OT																	
Player 20s																	
Player 10s																	
Point totals																	
Final score																	
	Substitutions before Tossup 11								Substitutions before Tossup 11								
	Out:				In:				Out:				In:				
	Out:				In:				Out:				In:				

Circle winning team above. Clearly mark if game goes to OT/SD. Fill out "Point totals" row completely.
 If there are substitutions, please note tossups by each player in "20s" and "10s" rows. Below is for Tab Room use only:

RH	RS	BH	BS	Left	Right	BH	BS	RH	RS
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PACE NSC 2016 - Round 16 - Tossups

1. A visiting monarch once chastised the mayor of this city, Fehim Curcic, for its lax security. Martin Bell was one of many reporters holed up at the Holiday Inn in this city during a conflict in which its Oriental Institute and National Library were firebombed. An open-air market in this city was shelled in what may have been a false flag operation. Many people were killed by sharpshooters in this city when they braved the (*) "sniper alleys." A plot in this city was carried out at the Latin Bridge and claimed the life of Duchess Sophie. Starting in 1992, this city was the target of the longest siege in modern warfare. In this city, a prince was killed by Black Hand member Gavrilo Princip. For 10 points, name this city where Archduke Franz Ferdinand was assassinated.

ANSWER: **Sarajevo** <Bentley>

2. This man is the presumed author of the Biblical book whose doxology calls God one who "prevents you from stumbling." Like Second Peter, this man's namesake Biblical epistle condemns the ungodly apostates of past and present, and tells its addressees to "save others by snatching them from the fire." The *Golden Legend* states that this man and Simon the Zealot were hacked to death in Lebanon, which is why he is often depicted with an (*) axe. This man and Bartholomew are patron saints of the Armenian Church, and he is the presumed author of the last non-Pauline epistle. This "brother of James the Just" is the patron saint of lost causes. For 10 points, name this apostle who gives his name to a children's hospital treating fatal illnesses.

ANSWER: **Jude** [or **Judas Thaddaeus** or **Judah** or **Jude** of James or **Jude** Thaddaeus or **Lebbaeus**; do not accept or prompt on "Judas" alone] <Jose>

3. A literary character from this area, Dylan Ebdus, gives his friend Mingus Rude a magic ring so that he can become the superhero "Aeroman." A famous poet edited this area's *Eagle* newspaper. This area is the setting of *The Fortress of Solitude* and other works by writer Jonathan Lethem. In a poem titled for it, the speaker claims "[this area], of ample hills, was mine" and admits "I am he who knew what it was to be evil." The speaker notes "distance (*) avails not, and place avails not" in a poem that mentions people traveling to this area "attired in the usual costumes." People traveling to this area "furnish [their] parts toward the soul" in a poem beginning "Flood-tide below me!" For 10 points, name this New York borough travelled to by ferry in a Walt Whitman poem.

ANSWER: **Brooklyn** [prompt on New York or the United States of America before "New York" is read] <Weiser>

4. A player of this instrument used it on his album *The Magic City*, which he recorded with his Big Band called the Arkestra. A song composed by a player of this instrument states "I'm savin' my love for you" and is called "Ain't Misbehavin." The song "Tea for Two" became a jazz standard when a virtuoso of this instrument recorded it in 1939. The stride style of Fats Waller inspired Art (*) Tatum's style of play of this instrument. A player of this instrument joined Gene Wright, Joe Morello and Paul Desmond as part of a quartet that recorded the album *Time Out*. Another player of it composed "'Round Midnight" as well as the hit "Straight, No Chaser." For 10 points, Dave Brubeck and Thelonius Monk played what keyboard instrument?

ANSWER: piano [accept keyboard until "keyboard" is mentioned in the giveaway] <Jose>

5. This man's blog Unclaimed Territory followed the Valerie Plame affair and subsequent trial. Billionaire Pierre Omidyar is funding this man's First Look Media project. In 2013, this man's partner David Miranda had his hard drive seized at Heathrow. Laura Poitras filmed an interview conducted by this man for the documentary *Citizenfour*. With Greg Weston and Ryan Gallagher, this co-founder of the (*) *Intercept* revealed that Stephen Harper's government permitted a Five Eyes partner to interfere in the 2010 G20 Summit in Toronto. This reporter broke the news that the data of Verizon customers was being collected by the NSA. For 10 points, name this one-time *Guardian* journalist who published many stories pertaining to the Edward Snowden leaks.

ANSWER: Glenn Greenwald [or Glenn Edward Greenwald] <Bentley>

6. An essay by this author discusses La Clairon, who made Voltaire shout "Did I write that?," and posits that the title figure does not experience emotion of his or her characters. Another work by this author opens with the narrator describing the chess players Philidor the Subtle and Legal the Profound. That "dialogue" by this author memorably concludes "He that laughs last, laughs best" and is set at the Cafe Regence, where the title character gives commentaries on the war of the (*) buffoons. This author of "Paradox of Acting" and *Rameau's Nephew* collaborated with Jean d'Alembert (dal-om-BARE) and the Baron d'Holbach on a 28 volume work consisting of all known human knowledge. For 10 points, name this French author who worked on the *Encyclopédie*.

ANSWER: Denis Diderot <Jose>

7. Paul Bohannon argued that this concept would disrupt spheres of exchange among the Tiv, leading Bloch and Parry to reply that this concept is shaped by local cultures. A book on this concept, divided into analytic and synthetic parts, claims that this innovation is responsible for a transition from communities to impersonal societies. That book on the philosophy of this concept was by Georg Simmel. Oxhide (*) ingots were thought to have this function in the Late Bronze Age Mediterranean, as did cowrie shells in the Indian Ocean. In *Debt*, David Graeber disputes the idea that this concept displaced the barter system. This type of thing can have value by fiat or by representing a commodity. For 10 points, name this kind of item used for payment.

ANSWER: money [or currency] <Kothari>

8. The open cluster NGC 1910 can be found inside one of these astronomical objects and features the hypergiant S Doradus. That one of these astronomical objects is home to LMC X-3, a likely candidate for a black hole. Henrietta Swan Leavitt examined variable stars in these bodies to derive the period-luminosity relation. The Tarantula Nebula is found inside one of these astronomical bodies and was where the supernova SN1987A occurred. A high-velocity "stream" of gas originating from these bodies intersects the (*) Milky Way's south pole and suggests that these bodies will merge with the Milky Way, around which they rotate. The fifth and seventh closest galaxies are, for 10 points, what pair of dwarf galaxies named for a Portuguese explorer?

ANSWER: **Magellanic Clouds** [prompt on dwarf galaxies] <Jose>

9. After a sack of this city, two diamonds nicknamed "Sea of Light" and "Mountain of Light" were taken west. An offshoot of this city was designed by Edwin Lutyens. This city was ruled by a dynasty of slaves begun by Qutb ud-Din Aibak, who commissioned the world's tallest brick minaret in honor of a Sufi mystic. After the massive Battle of Karnal was fought nearby, this city was sacked by the forces of Nader Shah. This city's (*) Red Fort was the original home of the Peacock Throne. A sultanate in this city was ruled by Ibrahim Lodi until his defeat against Babur at the Battle of Panipat, paving the way for the foundation of the Mughal Empire. For 10 points, name this city whose "New" counterpart is the capital of India.

ANSWER: **Delhi** <Golimlim>

10. This property is represented by the vertex that doesn't touch the parabola on a de Finetti diagram. Isolate breaking increases the "observed" form of this property. Wright's F-statistics quantify its reduction in the Wahlund effect. The second hit in Knudson's hypothesis is when tumor cells "lose" this property. An organism with this property at the beta-globin locus is resistant to malaria, which is why (*) sickle cell anemia exemplifies its namesake "advantage." In a cross between true-breeding parents for a Mendelian trait, the F1 generation has this quality. It is represented by the 2pq term in the Hardy-Weinberg equation. For 10 points, name this property represented by genotype "capital A, lowercase a," in which an organism has two different alleles at a given locus.

ANSWER: **heterozygous** [or **heterozygosity**; or other word forms; prompt on **carrier**] <Silverman>

11. This novel's last chapter offers a "fake" happy ending by stating "Grow green again, tender little parasite, round the rugged old oak to which you cling," before really ending by asking "which of us is happy in this world?" A character in this novel shouts "Vive la France!" as she flings an autographed copy of Samuel Johnson's *Dictionary* out of her carriage. That woman in this novel sells her carriage to her brother-in-law Jos while trying to flee (*) Brussels, which occurs after she has an affair with George Osborne, a soldier who dies at Waterloo. This novel opens by describing two students at Ms. Pinkerton's Academy, Amelia Sedley and Becky Sharp. For 10 points, a location in John Bunyan's *Pilgrim's Progress* provides the title of what novel by William M. Thackeray?

ANSWER: ***Vanity Fair***: *A Novel without a Hero* <Jose>

12. A piece for this many wind instruments contains eleven variations on the chorale "My Jesus, make my heart to love thee" and is by Carl Nielsen. Both *Night Music of the Streets of Madrid* and an E major piece containing an oft-excerpted A major minuet are compositions scored for this many performers by Luigi Boccherini. Ascending sextuplets represent leaping through the water in a piece for this many performers based on "Die (*) Forelle" (dee fohr-ELL-uh). A common representation of the chromatic scale arranges all 12 tones such that one can ascend by the interval of this number by going clockwise around a circle. A 3-to-2 frequency ratio produces an interval of this number, such as the chord C–G. For 10 points, how many performers are required to play Schubert's *Trout Quintet*?

ANSWER: **five** [or a **fifth**] <Alston>

13. An article of this number in the League of Nations Covenant required that member nations provide support to others facing external aggression, and was one of the main reasons that Henry Cabot Lodge would not ratify the Treaty of Versailles. In a document of this number, the author declares that it is "the principle task of modern Legislation" to regulate the "landed interest" versus the "monied interest." James Madison's (*) first Federalist Paper had this number and argued that the Constitution would curb the interests of factions. The Constitutional amendment of this number reserves to the States and the People "the powers not delegated to the United States by the Constitution." For 10 points, name this number of amendments that constitute the Bill of Rights.

ANSWER: **ten** <Bentley>

14. This philosopher's debt to the occasionalism of Nicholas Malebranche is examined in a book by Arthur Luce. He attacked freethinkers such as Bernard Mandeville in a set of dialogues named for the title "minute philosopher." This philosopher countered the notion that ideas resemble material objects with his "likeness principle." Against John Locke, this philosopher argued that (*) primary qualities are subjective since they cannot be abstracted from secondary qualities. This philosopher's "master argument" claims that mind-independent objects do not exist since one cannot conceive them. For 10 points, name this Irish bishop who held that the world consisted only of ideas and God in works like *Three Dialogues Between Hylas and Philonous*.

ANSWER: George **Berkeley** <Jose>

15. This man's stepmother, an unnamed daughter of Hoel of Brittany, twice tried to kill him by poisoning his cup, but she inadvertently killed her own son. In his youth, this warrior is sent to France, where he is raised by a squire named Gouvernail. This son of King Meliodas gains favor with Lancelot's family when he refuses to kill Blamoure in combat. This knight from (*) Lyonesse engages in a series of inconclusive duels with his friend Palamedes and undertakes his most famous task after defending his uncle from Morholt. This man is sent to Ireland to retrieve the future bride of King Mark, but inadvertently falls in love with her after consuming a love potion. For 10 points, name this Cornish Knight of the Round Table who had an affair with Isolde.

ANSWER: **Tristan** [or **Tristram**] <Jose>

16. During this campaign, hundreds of dead mules used by the Zion Mule Corps were towed out to sea but returned with the tide. Harold Walker's troops achieved a pyrrhic victory by taking the "impregnable" Lone Pine in this campaign. The aggressors in this campaign successfully fooled Liman von Sanders, who was caught with only two divisions stationed on a key battleground. This campaign is remembered on an April 25th (*) holiday. The failure of this campaign prompted the resignation of the First Lord of the Admiralty, Winston Churchill. Allied forces, including large numbers of Anzac troops, were repelled from Chunuk Bair by troops under Kemal Ataturk during this campaign. For 10 points, name this disastrous Allied campaign against the Ottoman Empire during World War I.

ANSWER: Gallipoli campaign [or Dardanelles campaign; or Battles of Gallipoli; or Battles of Çanakkale] <Bentley>

17. The negative of the partial derivative of the grand canonical ensemble with respect to this quantity gives the average pressure. In the Diesel Cycle, this quantity is held constant during the process that immediately follows isentropic expansion. For a process in which this quantity is held constant, the work done on the system's surroundings is always equal to (*) zero; such a process is represented by a vertical line on an indicator diagram. An isochoric process holds this quantity constant, which is also held constant in Gay-Lussac's Law to illustrate the relationship between a gas's temperature and pressure. For 10 points, name this quantity which changes during thermal expansion, which is abbreviated V.

ANSWER: volume <Jose>

18. In a story by this author, Neville St. Clair abandons his job as a journalist and becomes a "professional beggar" after faking his own death. A character created by this author earns a lot of money copying *Encyclopedia Britannica* articles; that happens in a story in which the protagonist hides out in Jabez Wilson's pawn shop to observe Spaulding and John Clay trying to rob a bank. In another of this writer's stories, the body of Openshaw is found in a river, leading the protagonist to figure out that the (*) Ku Klux Klan murdered him. This author of "The Man with the Twisted Lip," "The Five Orange Pips," and "The Red-Headed League," created a character who lives at 221B Baker Street. For 10 points, name this Victorian author who wrote the Sherlock Holmes stories.

ANSWER: Sir Arthur Conan Doyle <Jose>

19. In a sequel to this painting, an old man reaches for an angel's palm branch as a youth in a loincloth stands over him with a sword. Cardinal Del Monte secured the artist a commission to create this painting in the Contarelli Chapel along with two paintings showing the "martyrdom" and "inspiration" of its title figure. The probable title man in this painting wears a black hat with a coin in it and sits next to a boy with a feathered cap, although some contend that the title figure is actually a (*) youth who is focused on counting coins. Beneath an open window lit from an unseen source, Christ reaches out his finger to the title man of this painting, who points at himself in a "Who, me?" gesture. For 10 points, name this Caravaggio painting of a gospel author's conversion.

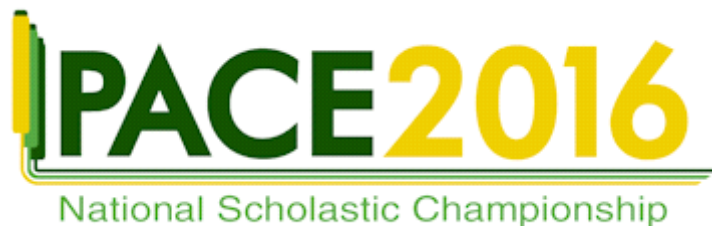
ANSWER: *The Calling of Saint Matthew* [or *The Inspiration of Saint Matthew* before "inspiration" is read] <Bentley>

20. The expectation value of an operator named for these objects equals the transition moment integral, which is used to derive most selection rules. The Keesom force is between these objects. The only vibrations detectable in IR spectroscopy require a change in a namesake quantity of these objects. Torque is maximized when they are oriented perpendicular to an applied field. The potential from these objects varies with the negative (*) third power of distance. In chemistry, they are represented by an arrow with a plus sign on one end. Their moments are measured in debyes (duh-byes) or coulomb-meters. Induced ones cause London dispersion forces. For 10 points, name these objects formed from differences in electronegativity in a bond, which consist of two separated, opposite charges.

ANSWER: electric **dipole** [or magnetic **dipole**] <Wang>

21. The dominant eigenvalue of the Leslie matrix gives the rate of this process in age-structured systems. The discrete Beverton-Holt and Ricker equations describe this process in fisheries. The "r" in r-selection refers to the intrinsic rate of this process. Equations for this process are often derived by summing the influences of migration, (*) birth, and death between generations. According to the logistic Verhulst equation, density-dependence may cause this process to slow towards a carrying capacity. Otherwise, this process is often modeled as exponential. An sudden example of it is an algal bloom. For 10 points, name this process which causes a positive change in the number of organisms of a species in a given area.

ANSWER: population **growth** [or **change** in **population** size/density; or **population dynamics**; accept answers like **population modeling**; accept any other clear equivalents] <Kothari>



PACE NSC 2016 - Round 16 - Bonuses

1. The transfer of this region to China on January 1, 1997, is fictionalized in Raymond Benson's novel *Zero Minus Ten*. For 10 points each:

[10] Name this "special administrative region" that is one of the world's most densely populated areas.

ANSWER: **Hong Kong** [or **Hong Kong** Special Administrative Region of the People's Republic of China]

[10] Until its destruction in 1993, 33,000 people lived in this "walled city" in Hong Kong, which had 1,255,000 inhabitants per square kilometer. The book *City of Darkness* by Leung Ping Kwan described how sunlight rarely hit the bottom of this city.

ANSWER: **Kowloon** Walled City [or **Jiulong** Walled City]

[10] One of the reasons Kowloon Walled City was demolished is that it was a haven for trafficking and prostitution run by these Chinese gangs.

ANSWER: **triads** [accept **Sanhehui** or **Saam hap wui**] <Jose>

2. Inmates in an insane asylum are transferred due to this event in Saadat Hasan Manto's story "Toba Tek Singh." For 10 points each:

[10] Identify this historical event. Children born at the exact moment of this event, such as Saleem Sinai, have special powers in the novel *Midnight's Children*.

ANSWER: the 1947 **partition** of **India** and Pakistan [or the **independence** of **India**; or the **independence** of **Pakistan**; or obvious equivalents indicating the splitting or independence of those two countries]

[10] *Midnight's Children* was written by this author, whose memoir *Joseph Anton* discusses in time in hiding after a fatwa was issued against him for his novel *The Satanic Verses*.

ANSWER: Salman **Rushdie**

[10] In the first chapter of *Midnight's Children*, Saleem's grandfather, the doctor Aadam, falls in his love with his future wife Naseem while examining her through a hole in one of these objects.

ANSWER: a perforated **sheet** [prompt on a **cloth** or similar answers] <Brownstein>

3. Name some ways to fully repress protein expression, for 10 points each:

[10] Capecchi, Evans, and Smithies won a Nobel for showing how to fully knock out a gene in this common laboratory rodent, which has the scientific name *Mus musculus*.

ANSWER: laboratory **mouse** [do not accept or prompt on "rat"]

[10] In this pathway to reduce expression of a gene, miRNAs and siRNAs interfere with specific mRNAs in the cytoplasm and either cause translational inhibition or direct cleavage. It is mediated by the RISC complex.

ANSWER: RNA **interference** [or **RNAi**]

[10] Another knockdown method uses the "hammerhead" type of these molecules, which cleaves phosphodiester bonds, including those within its own sequence. These macromolecules were discovered by Tom Cech and Sidney Altman.

ANSWER: **ribozymes** <Silverman>

4. A character in this work argues for the banishment of poets because imitation tends to have a corrupting influence. For 10 points each:

[10] Name this philosophical text whose characters construct a "just city in speech," Kallipolis, which is ruled philosopher-kings.

ANSWER: *The **Republic***

[10] This thought experiment imagines people chained to a wall inside the namesake location, who believe the shadows they watch constitute all of life. When freed, they are forced to conclude the outside world is superior.

ANSWER: Allegory of the **Cave**

[10] Plato's *Republic* concludes with this legend, in which a man passes into the afterlife and learns that souls are reincarnated into their next "good" or "bad" life not through their past deeds, but rather through a lottery system.

ANSWER: myth of **Er** <Jose>

5. This character unsuccessfully attempts to seduce commandant Rudolph Hoss while working as his secretary, and later she spends a night with Stingo in Washington, D.C. For 10 points each:

[10] Name this title character of a 1979 novel who ultimately commits suicide with her schizophrenic lover, Nathan Landau.

ANSWER: **Sophie** Zawatsowska [or Sophie **Zawatsowska**]

[10] In William Styron's novel *Sophie's Choice*, Sophie was forced to decide which of her two children to sacrifice to the gas chambers at one of these places.

ANSWER: Nazi **concentration camp** [or Nazi **death camp**]

[10] At the beginning of *Sophie's Choice*, Stingo's father discovers the gold coins generated by one of these people named Artiste. Styron wrote a controversial novel titled for the "Confessions" of a leader of a group of these people.

ANSWER: **slaves** [prompt on African-Americans or blacks] <Bentley>

6. Answer the following about the history of aircraft in the United States, for 10 points each.

[10] The Wright brothers made the first successful controlled flight at this small town on the Outer Banks of North Carolina.

ANSWER: **Kitty Hawk**, North Carolina

[10] On May 20, 1927, Charles Lindbergh began his successful nonstop flight from New York to Paris in this single engine plane.

ANSWER: ***Spirit of St. Louis***

[10] The *Memphis Belle* was the nickname for one of these "flying fortresses" built by Boeing, which were used during World War II.

ANSWER: Boeing **B-17** Flying Fortress <Jose>

7. One example of these mixtures consists of lidocaine and prilocaine, which is often marketed as EMLA and used as an anesthetic. For 10 points each:

[10] Name these mixtures of two more substances, in which the substances are combined in a ratio such that the melting point has been minimized.

ANSWER: **eutectic** systems [or **eutectic** mixtures]

[10] The eutectic point of a system is often illustrated on one of these diagrams. The point at which solid, liquid, and gas states meet on one of these diagrams is called the triple point.

ANSWER: **phase** diagrams

[10] For a non-reactive mixture, the degrees of freedom of a mixture is equal to the number of components, minus the number of phases, plus two, according to the scientist's phase rule.

ANSWER: Josiah **Gibbs** [accept the **Gibbs** phase rule] <Jose>

8. Answer the following about the island of Scheria (**SKEER-ee-uh**), for 10 points each.

[10] This Homeric hero, the husband of Penelope who spends decades returning to Ithaca, washes ashore on Scheria in one segment of the epic poem named for him.

ANSWER: **Odysseus** [or **Ulysses**]

[10] This princess, the daughter of Alcinous, is washing her clothes when she discovers an unconscious Odysseus on the beaches of Scheria. Some sources state she marries Telemachus after Odysseus returns home.

ANSWER: **Nausicaa**

[10] Nausicaa's mother is this queen of Scheria. She advises Jason and Medea to marry in one myth, and she shares her name with a Greek word for "moral virtue."

ANSWER: **Arete** <Jose>

9. After building his original pendulum in the Paris Observatory, Léon Foucault put another of his pendulums in this building found in the Latin Quarter. For 10 points each:

[10] Name this building designed by Jacques-Germain Soufflot, which was inspired by a same-named building in Rome.

ANSWER: **Panthéon**

[10] The Pantheon is one of these monuments that typically surround a tomb. The namesake of these monuments was a Persian satrap that was interred in Halicarnassus, where a no-longer extant example of one of these buildings once stood.

ANSWER: **mausoleums**

[10] Even though they were developed during the Gothic period, these structures connected to vertical piers are used to support the weight of the sides of the 18th-century French Panthéon.

ANSWER: **flying buttresses** [prompt on **buttresses**] <Jose>

10. This material became more useful in the 15th century when the process of corning was developed. For 10 points each:

[10] Name this material. William of Rubruck may have brought Eastern knowledge of this substance back to Europe, where a recipe for it was recorded in the 13th century by Roger Bacon.

ANSWER: **gunpowder** [or **black powder**; or **blasting powder**]

[10] This industrialist's smokeless powder Ballistite largely replaced gunpowder as a propellant for small firearms. This Swede also invented dynamite and established a set of annual prizes.

ANSWER: Alfred **Nobel** [or Alfred Bernhard **Nobel**]

[10] This scientist improved his country's supply of gunpowder after being appointed to the Gunpowder Commission in 1775. Guillotined during the Reign of Terror, this scientist weighed closed vessels of gas to disprove Phlogiston theory.

ANSWER: Antoine **Lavoisier** [or Antoine-Laurent de **Lavoisier**] <Bentley>

11. This text proclaims that "smell is good enough for wild beasts!" and attacks "professors, archaeologists, tourist guides and antiquaries" for causing a state of gangrene. For 10 points each:

[10] Name this founding text of an art movement, which proclaims that "a roaring motor car... is more beautiful than the Victory of Samothrace."

ANSWER: "The **Futurist Manifesto**" [or "**Manifesto of Futurism**"; or "**Manifesto del Futurismo**"]

[10] This Futurist artist nonetheless used the *Victory of Samothrace* as a source for his bronze sculpture *Unique Forms of Continuity in Space*. His paintings include *The City Rises* and three views of a train station entitled *States of Mind*.

ANSWER: Umberto **Boccioni**

[10] Futurism developed in this country, where its main proponents included Filippo Marinetti and Umberto Boccioni.

ANSWER: **Italy** [or **Italian Republic**; or **Italia**; or Kingdom of **Italy**] <Bentley>

12. Name these historians of ancient Rome, for 10 points each.

[10] This man described his conquest of Gaul in his *Commentaries on the Gallic Wars*. This politician was assassinated on the Ides of March.

ANSWER: Gaius Julius **Caesar**

[10] This historian wrote a biography of his uncle Agricola, and a monograph on the state of *Germania*. His *Annals* covers the reigns of Tiberius, Caligula, Claudius, and Nero.

ANSWER: Publius Gaius Cornelius **Tacitus**

[10] This historian, who reported that he survived a suicide pact by making sure that he was the last person to draw a lot, described the war between the Roman Empire and the Jewish population in his *The Jewish War*.

ANSWER: Titus Flavius **Josephus** [or **Joseph** ben Matityahu] <Jose>

13. Banker Jonathan Moulds has one of the largest private collections of these objects in the world, and four of these comprise the Axelrod quartet. For 10 points each:

[10] Identify these objects, which include the Lady Blunt, named after a descendant of Lord Byron. In a 1977 test, Isaac Stern and Pinchas Zukerman were unable to distinguish between some of these things and others made in the 19th century.

ANSWER: **Stradivarius** instruments [or **Stradivarius** violins; prompt on instruments, violins, cellos, or other less specific answers]

[10] Two Stradivarius violins, the Tom Taylor and the Gibson Ex-Huberman, have been owned by this American violinist, who used the former to record John Corigliano's *The Red Violin*.

ANSWER: Joshua **Bell**

[10] Bell produced a successful 2005 recording of this Russian composer's Opus 35 violin concerto. The album also included the *Danse Russe* from this man's ballet *Swan Lake*.

ANSWER: Pyotr Ilich **Tchaikovsky** <Bentley>

14. In a 1980 book, William Julius Wilson argued that this factor was becoming less important in American society. For 10 points each:

[10] Name this concept whose early theorists included the Comte de Gobineau and Johann Friedrich Blumenbach, who identified five types.

ANSWER: human **rac**es

[10] Nina Jablonski has used her studies of the evolution of this trait to argue that races are illusory. This trait, which is largely determined by melanin production, evolves to balance Vitamin D production and folate depletion.

ANSWER: skin **color** [or skin **pigmentation**]

[10] Software like FORDISC is used to determine race or ancestry in this sub-discipline of anthropology concerned with tasks like identifying human remains and determining cause of death.

ANSWER: **forensic** anthropology [accept **forensics**] <Bentley>

15. Smalltalk is a language that is considered to be "purely" in this style. For 10 points each:

[10] Name this programming paradigm, whose namesake structures are instantiations of classes. This paradigm emphasizes the encapsulation of data and polymorphism.

ANSWER: **object-oriented** programming [or **OOP**]

[10] Object-oriented programming often allows for this feature, in which a new class is derived from a base class. Virtual functions can be overridden as part of this feature.

ANSWER: **inheritance**

[10] In C++, this keyword is often used on variables to indicate that in the base class, the variable may be public, but it must be private in all derived classes.

ANSWER: **protected** [do not accept or prompt on any other answer, including word forms.] <Jose>

16. These devices are important components of AC adapters, which are also known as AC/DC converters. For 10 points each:

[10] Name these devices, often made from diodes, that convert alternating current into direct current.

ANSWER: **rectifiers**

[10] AC adapters often also contain these devices with two coils of wire that can convert a low current with high voltage into a high current with low voltage.

ANSWER: **transformers**

[10] Transformers often have iron cores because iron has a high value for this quantity, the reciprocal of reluctance, which measures the ability of a material to contain a magnetic field relative to an external magnetic field.

ANSWER: magnetic **permeability** <Reinstein>

17. This poem repeats the lines "In the room the women come and go, talking of Michelangelo." For 10 points each:

[10] Name this poem by T. S. Eliot that begins "Let us go then you and I" and proceeds to relate the awkward musings of the title character.

ANSWER: "The **Love Song of J. Alfred Prufrock**"

[10] This part of *The Love Song of J. Alfred Prufrock* is an Italian quotation from Dante that says "But since no man has ever come alive out of this gulf of Hell, if I hear true, I'll answer, with no fear of infamy," thus indicating that the poem that follows will not feature lies.

ANSWER: the **epigraph**

[10] Eliot alludes to "To His Coy Mistress" in the poem by imagining the speaker squeezing this thing "into a ball to roll it toward some overwhelming question."

ANSWER: the **universe** <Jose>

18. Answer the following about miracles Jesus performs in the first half of the Gospel of John, for 10 points each:

[10] Jesus asks his mother "What have I to do with thee?" before performing this miracle at the wedding at Cana. This was Jesus' first miracle.

ANSWER: turning **water** into **wine**

[10] After the wedding, this man spoke with Jesus about the importance of being born again. This man later spoke up for Jesus in the Sanhedrin, and then brought myrrh and aloes to embalm him after his death.

ANSWER: **Nicodemus**

[10] In the last of the Gospel of John's seven signs, Jesus raises this man from the dead. This man was the brother of Martha and Mary of Bethany.

ANSWER: **Lazarus** of Bethany <Reinstein>

19. This man's father was arrested for protesting the signing of the Bryan-Chamorro treaty. For 10 points each:

[10] Name this Nicaraguan guerrilla leader, nicknamed El Chipotle, who was kidnapped and murdered by members of his country's National Guard in 1934 after meeting with President Juan Bautista Sacasa.

ANSWER: Augusto Cesar **Sandino** [or Augusto Calderon **Sandino** or Augusto Nicolas **Sandino**]

[10] The Bryan-Chamorro Treaty granted the US rights to build one of these structures in Nicaragua, though one of these structures was built through Panama instead.

ANSWER: a **canal** between the Atlantic and the Pacific

[10] The US Marines' campaign against Sandino, which included a bombing of some scarecrows set up at his base, occurred concurrently with their occupation of this country. In 1994, the US carried out Operation Uphold Democracy to reinstate this country's president Jean-Baptiste Aristide.

ANSWER: Republic of **Haiti** <Bentley>

20. The villain of this play interrupts a wedding to arrest Frondoso for threatening him with his crossbow and to take Laurencia to his citadel. For 10 points each:

[10] Name this play in which a village's inhabitants agree to blame the town itself for the murder of its tyrannical commander.

ANSWER: **Fuenteovejuna** [or *The Sheep Well*]

[10] *Fuenteovejuna* is the masterpiece of this Spanish Golden Age playwright, a contemporary of Calderon de la Barca who authored upwards of 1,800 plays.

ANSWER: Felix **Lope** de Vega y Carpio [prompt on de Vega]

[10] Lope de Vega wrote a play titled for the "flowers" of this character, who also appears in Tirso de Molina's *The Trickster of Seville*. The story of this legendary seducer often ends with him being dragged to hell by a statue.

ANSWER: Don **Juan** [or Don **Giovanni**] <Brownstein>

21. This character views the world as being full of "phonies." For 10 points each:

[10] Name this seventeen-year-old who gives a two-day account of his wanderings through New York City in J. D. Salinger's novel *The Catcher in the Rye*.

ANSWER: **Holden** Caulfield [prompt on Caulfield]

[10] Holden believes that this brother of his, the author of the short story "The Secret Goldfish," is a phony since he sold out to write screenplays for Hollywood. This character landed on the beaches during D-Day and claimed the army is "full of bastards."

ANSWER: **D. B.** Caulfield

[10] Holden is freaked out when he wake up to find this former teacher of his patting him on the head while he stays over in this man's apartment. Later, Holden comes to regret fleeing this character so rashly.

ANSWER: Mr. **Antolini** <Jose>