

Scobol Solo 2020

Packet 3 (Round 3)



1. This composer's friendship with Louis Laloy [loo-ee lah-wah] furthered the influence on him by Javanese ensembles called gamelans [GAM-uh-lanz]. Those ensembles can be heard in the "Sirènes [see-ren]" section of this composer's *Nocturnes* and in the *And the moon descends on the temple that was* section of his *Images*. A collection of three symphonic sketches by this composer ends with the "Dialogue of the wind and the sea". A suite by this composer takes its name from Paul Verlaine's use of the word "berga-masks". Name this French composer who wrote *La Mer* and whose suite included "Clair de lune".

Answer: (Achille-)Claude Debussy [kloh-d deb-yoo-see]

2. This goddess sometimes had her stories combined with stories about Neith [nayth], and a statue of one of them contained the inscription "I am all that has been and is and shall be, and no mortal has ever lifted my mantle." This goddess usually got along well with her son, but at one point he beheaded her, and she replaced her head with a cow's head. This goddess saved her husband after he was locked in a chest and thrown into a river, and she saved him again when he was chopped into pieces by his brother. Name this sister of Nephthys [NEFF-thiss], mother of Horus, and wife of Osiris [oh-"SIGH"-russ].

Answer: Isis [or Aset or Eset]

3. This law was used to design mid-17th-century balance wheels, but a few decades later those wheels depended more on torsion. This law combined with Newton's second law can be used to derive the equation "period equals 2 pi times the square root of the quantity mass over a constant." This law applies when potential energy varies directly with the square of position. The constant in this law is in units of kilograms per second squared, which is equivalent to newtons per meter. Name this law which explains the actions of ideal springs within their elastic limit, and is expressed as "force equals the opposite of a constant times displacement."

Answer: Hooke's law

4. In a novella by this writer, the narrator wishes that his un-productive-ness was due to sluggishness so that he could be defined as a sluggard. In that novella by this author, the protagonist is obsessed with getting revenge on an officer who once moved the protagonist out of the way as though he had not noticed him. In a novel by this author, Zosima [ZOH-see-mah] says "Above all, do not lie to yourself." Zosima is a religious leader to this author's character Alyosha. In the same novel, this author had Ivan express his religious views through the poem "The Grand Inquisitor". Name this Russian author of *Notes from Underground* and *The Brothers Karamazov*.

Answer: Fyodor (Mikhailovich) Dostoevsky [FYOH-dor duss-tah-YEFF-skee]

5. Current statues at one of this person’s former homes portray his military advisor Homer Lea [lee] and this person’s close friend and colleague Toten Miyazaki, who helped him form the Chinese United League when they were in Tokyo. When this person went to Hawaii, he started the Revive China Society, which is now considered the first step in the creation of the Kuomintang [KWOH-min-TANG]. This person’s successes are still praised in both China and Taiwan. This person worked closely with his successor, Chiang Kai-shek. Name this doctor who served as the provisional first president of the Republic of China.

Answer: Sun Yat-sen [or Sun Wen or Sun Zhongshan; prompt on Yat-sen or Wen or Zhongshan]

Check the score.

6. This city’s police commissioner, Danielle Outlaw, called for more Tasers after this city’s police killed Walter Wallace Jr. in late October 2020. In early November this city’s mayor, Jim Kenney, told Donald Trump to “Put his big-boy pants on.” That statement was made around the same time that Rudy Giuliani was ridiculed for holding a press conference at this city’s Four Seasons Total Landscaping. Protesters in this city often carry signs showing its hockey team’s mascot, Gritty. Name this most populous city in Pennsylvania.

Answer: Philadelphia, Pennsylvania

7. This painter used Auguste Rodin’s [oh-goost roh-dan’z] sculpture *The Old Courtesan* as the basis for the old woman in a work depicting three females at very different life stages. In another work, this artist portrayed the three Gorgons and a giant gorilla in one section, an armored knight in another, and an embracing man and woman in another. That work was painted by this artist on different walls in a room in the Secession Building in Vienna. Name this artist who often added brightness to his paintings by using gold foil in works such as *The Kiss*.

Answer: Gustav Klimt

8. One method for measuring this property uses a small cone-shaped instrument called a Brale that can hold a lot of weight. That system is named for Stanley Rockwell. A sharp point is used to measure this property in the Barcol test. Another method for measuring this property uses a sclerometer [sklair-AH-mih-tur], which uses diamond under a fixed load. Many of the measures of this property use scratching. The most common measure of this property is based on which materials can scratch which other materials; on it, this property is quantified as 1 for talc and 10 for diamond. Name this quantity measured by the Mohs scale.

Answer: (mineral or material) hardness [prompt on Mohs]

9. It was traditionally believed that the most successful person that this person employed was Gil Eanes [zhil ay-AH-ness], though there is evidence that Eanes' reports were wrong. This person got most of his funds as the Grand Master of the Military Order of Christ about 100 years after the Order replaced the Knights Templar in his country. This person agreed to give up control over Ceuta [SAY-oo-tah] after the Battle of Tangier, but he did not do so, and his brother Ferdinand died in captivity as a result. This person supported the first claimants of the Madeira Islands. Name this Portuguese prince who sponsored many voyages at the beginning of the Age of Exploration.

Answer: Prince Henry the Navigator [or Infante Dom Henrique, o Navegador; prompt on Henry or Henrique]

10. Just after eating some yams, the protagonist of this novel sees a woman taken out of a building on a chair while she tries to punch the men carrying the chair. After being told that he is watching an eviction, this novel's protagonist gives a speech saying "We're a law-abiding people and a slow-to-anger people." Soon after that speech, this novel's narrator meets Brother Jack and joins the Brotherhood. The narrator ends up living underground with a lot of lights, and one of the stories he tells is about a battle royal that takes place in front of wealthy white men. Name this novel with an unnamed narrator that was written by Ralph Ellison.

Answer: *Invisible Man* [do not accept "The Invisible Man"]

Check the score.

11. This philosopher claimed that he could square the circle, leading to a long-term debate with John Wallis. A book by this writer begins by stating that thoughts come from objects and senses, and it goes on to describe three types of commonwealths. In that work, this writer repeated a phrase that he had used earlier in *De Cive* [day CHEE-vay] which described how humans would live without civil society. That phrase is a "war of all against all". Name this 17th-century English philosopher who wrote *Leviathan*.

Answer: Thomas Hobbes

12. The metric named for this mathematician, which was occasionally called the Pythagorean metric, is equivalent to the ordinary notion of distance. The dot product is sometimes referred to as this person's inner product. Adding 1 to the product of the first n prime numbers gives the numbers named after this person, which is a reference to his proof that there are infinitely many primes. This person stated five postulates, the last of which is the parallel postulate, in his major written work. Name this ancient Greek mathematician nicknamed "the father of geometry" due to his work writing the *Elements*.

Answer: Euclid (of Alexandria) [or Eukleides]

13. This agency, which is not Cabinet-level, had its role expanded when Robert C. Randall won his 1978 lawsuit against the United States. When Frances Oldham Kelsey worked for this agency, she controlled the use of thalidomide [thuh-LID-oh-myd] in the United States. A 2011 lawsuit by R. J. Reynolds prevented this agency from using messages they had designed according to the Family Smoking Prevention and Tobacco Control Act. This agency was created in 1906 after a public outcry inspired by Upton Sinclair’s *The Jungle*. Name this part of the Department of Health and Human Services that regulates materials that are eaten or taken medicinally.

Answer: Food and Drug Administration or FDA

14. In each of this poem’s three stanzas, the last four lines get increasingly indented. The third stanza of this poem states “His lips are pale and still, / my father does not feel my arm, he has no pulse nor will.” The last line of each of this poem’s stanzas contains the phrase “Fallen cold and dead”. The first line of this poem ends “Our fearful trip is done.” This poem follows immediately after “When Lilacs Last in the Dooryard Bloom’d” in the “Memories of President Lincoln” section of *Leaves of Grass*. Name this poem that eulogizes Lincoln via a metaphor of him as a ship leader.

Answer: “O Captain! My Captain!”

15. The eastern part of this island contains Akan Mashu National Park, which features the volcanically active Mount Iozan [“eye”-oh-zahn]. This large island is just southwest of Iturup [ee-too-roop] and Kunashir [koo-nah-shir] Islands. This island’s Kameda [kah-meh-duh] Peninsula, which is an eastern extension of its Oshima [oh-shee-mah] Peninsula, features the city of Hakodate [hah-koh-dah-tay]. This island’s most populous city, which is near Mount Moiwa, is Sapporo [sah-poh-roh]. Name this island that is near the Kuril Islands and which is across the Tsugaru Strait from Honshu, making it the northernmost major island in Japan.

Answer: Hokkaido

Check the score.

16. The fronts of animals in this phylum have a prostomium [proh-STOH-mee-um] and peristomium [pair-ih-STOH-mee-um]. Perhaps the best-known species in this phylum is *Lumbricus terrestris*, which is in a class named for the fact that its animals appear to have collars. Of all the major animal phyla, this phylum is most closely related to mollusks, but Georges Cuvier [zhorzh koov-ee-ay] classified these animals with arthropods because they are segmented. Animals in this phylum are useful for loosening soil, and they are often eaten by birds and fish. Name this phylum that contains leeches, ringed worms, and segmented worms.

Answer: Annelids [AN-uh-lidz] or Annelida [an-uh-LEE-duh] [accept segmented worms or ringed worms before they are respectively mentioned; prompt on worms; do not accept or prompt on “round worm(s)” or “flat worm(s)”]

17. The people who died in this battle include Edward, 2nd Duke of York. The English army protected themselves for this battle by putting sharpened stakes in the ground, which made cavalry charges more difficult. This battle had a major impact on negotiations for the Treaty of Troyes [trwah], which was signed five years later. This battle was fought just after the Siege of Harfleur [ar-flyoor]. This battle was fought on Saint Crispin's Day and was a major victory for Henry V [5]. Name this Hundred Years' War battle that, like the Battle of Crécy decades earlier, was won by English long-bow-men.

Answer: Battle of Agincourt [ah-zhin-koor]

18. A house designed by this architect has balcony railings shaped like masks and uses broken ceramic tiles to add color to its front. That building is nicknamed the *House of Bones*. This architect also made a colorful mosaic salamander that oversees a stairway in a park that he designed. That park, which has a museum dedicated to this architect's furniture, is Park Güell [gwell]. This architect died in 1926, and there is an attempt to finish one of his designs within 100 years of his death. That design includes 18 spires. Name this Catalan architect who designed the Casa Batlló [KAH-zah baht-YOH] and the Sagrada Família.

Answer: Antoni Gaudí (i Cornet) [ahn-toh-nee gow-DEE]

19. One of this character's last lines is "You take my life when you do take the means whereby I live." This character, who is a widower due to the death of Leah before the play takes place, says "I am not well" when he is forced to will all he has to Lorenzo and Jessica. This character had become upset earlier when he learned that his daughter Jessica had traded his ring for a monkey. This character's plans are thwarted after Portia [POR-shuh] disguises herself as a lawyer. This character asks "If you prick us, do we not bleed?" shortly after asking "Hath not a Jew eyes?". Name this moneylender in *The Merchant of Venice*.

Answer: Shylock

20. One of the intermediates in the production of this compound is oleum [OH-lee-um], which is sometimes called the "fuming" type of this compound. One of the common uses for this compound is to convert phosphate rock into phosphate fertilizer. A solution of this compound is the acid in lead [led]-acid batteries. This compound used to be produced from pyritic ["pie"-RIT-ik] ore and nitrogen oxides using the lead [led] chamber process, but it is now more common to produce this compound by the contact process. Name this compound whose chemical formula is H₂SO₄ [spell it out].

Answer: sulfuric acid [prompt on oil of vitriol or hydrogen sulfate]

This is the end of regulation. Check the score. If it is tied, proceed to overtime tossups. If it is not tied, the game is over.

^{TB}21. In one novel by this author, the protagonist goes to his grandfather's funeral, where lawn-chairs get blown across the cemetery by the wind. In that novel, this author describes a mysterious boy named Jimmy Blevins who is killed after trying to retrieve his pistol from a Mexican town. Another novel by this author ends with a man contemplating a stone water-trough and two dreams about his father. That man is Sheriff Ed Tom Bell, who tries to protect Llewelyn Moss after Moss finds millions of dollars from a drug deal gone bad and is pursued by Anton Chigurh [chi-GUR]. Name this author of *All the Pretty Horses* and *No Country for Old Men*.

Answer: Cormac McCarthy [or Charles Joseph McCarthy Jr.]

If the score is still tied, continue. If it is not tied, the game is over.

^{TB}22. Raymond Cattell [kuh-TELL] divided this concept into fluid and crystallized components. Robert Sternberg developed a triarchic [try-ARK-ik] theory of this concept that divides it into analytical, creative, and practical components. Howard Gardner divided this concept into eight abilities. Charles Spearman used a lowercase *g* to represent the general form of this concept. Lewis Terman developed the Stanford-Binet [buh-nay] test to measure this concept. This concept is often measured on a scale with a mean of 100 and a standard deviation of 15. Name this measure of a person's ability to learn and understand.

Answer: intelligence [accept intelligence quotient or IQ]

If the score is still tied, continue. If it is not tied, the game is over.

^{TB}23. During this month in 1946, President Truman ordered the U.S. armed forces to be desegregated. During this month in 1804, Aaron Burr killed Alexander Hamilton. The Battle of Gettysburg was during this month in 1863. This month is named for an emperor who was killed on the Ides of March. During this month in 1776, the United States declared independence from Great Britain. Name this month between June and August.

Answer: July

There are no more overtime questions available. If the score is still tied, contact the control room for further instructions. If it is not tied, the game is over.