

Scobol Solo 2022

Packet 6 (Round 6)

1. This person's writing on literature states "A whole is that which has beginning, middle, and end." This writer argued that tragedy is better than epic poetry because tragedy uses a shorter time span and has more unity. This writer also compared the effects of tragedy to the effects of catharsis [kuh-THAR-siss]. Those ideas are in this writer's book *Poetics*. When this writer's works on what he considered to be first philosophy were edited by Andronicus [an-DRAH-nih-kuss] of Rhodes, they were titled *Metaphysics*. Name this ancient Greek philosopher who started the Lyceum and was taught by Plato.

Answer: Aristotle [or Aristoteles]

2. In the thorium fuel cycle, thorium is changed into protactinium [proh-tak-TIN-ee-um], which is turned into this element. This element is the heaviest element that exists naturally on Earth in significant quantities. The main source of this material used to be pitch-blende, and oxides of this element are called yellowcake. Enriched samples of this element have higher than normal amounts of the 235 isotope ["ICE"-oh-tohp], making them more useful in atomic bombs and nuclear power plants, while the 238 isotope can be converted into neptunium and then plutonium. Name this element with atomic number 92 and symbol U.

Answer: uranium [accept U before the end]

3. In one picture by this artist, one of the characters says "My, soon you'll have all of New York clamoring for your work!". That work, titled *Masterpiece*, is one of several by this artist that uses a speech balloon. Another picture by this artist is based on an illustration by Tony Abruzzo and features a woman who would rather sink than call Brad for help. Another picture by this artist depicts a fighter plane successfully firing a rocket at another plane, which is exploding. Name this pop artist who used Ben Day dots, similar to the ones in comic books, in his pictures *Drowning Girl* and *Whaam!*

Answer: Roy (Fox) Lichtenstein

4. In a short story by this writer, Mr. Hooper asks "Why do you tremble at me alone?". In the same story by this writer, the sexton says "I can't really feel as if good Mr. Hooper's face was behind that piece of crape." In a novel by this writer, a child states "Mistress Hibbins says my father is the Prince of the Air." In that novel by this author, Mistress Hibbins is the sister of Governor Bellingham, who wants the child's mother to reveal the father's real identity. That mother in this author's best-known novel is married to Roger Chillingworth, but the father is Reverend Arthur Dimmesdale. Name this author of "The Minister's Black Veil" and *The Scarlet Letter*.

Answer: Nathaniel Hawthorne [or Nathaniel Hathorne]

5. In a letter, this person said of troops “I will make them go, whether willingly or unwillingly, and if they will not obey, I will have them wiped out.” Some of this person’s early demands for offensives were cancelled by Jean de Dunois [zhahn duh doon-wah], and this person made those demands just after the Battle of the Herrings. This person was credited with getting France its first major victory since its defeat at Agincourt [ah-zhin-koor] 14 years earlier, playing a major role during the Lancastrian phase of the Hundred Years’ War. At the age of 19, this person was burned at the stake by the British. Name this heroine of the siege of Orléans [or-lee-awn].

Answer: Joan of Arc [or Jeanne d’Arc; prompt on partial answers]

Check the score.

6. This person lost a re-election bid to Harriet Hageman [HAY-guh-mun] a year after stating “There is no question that the President formed the mob, the President incited the mob, the President addressed the mob.” In May 2021, this person was removed by a voice vote from the position of Chair of the House Republican Conference. Four months later, this person was named as Vice Chair of the House Select Committee on the January 6 Attack. Name this daughter of a former vice president who represents Wyoming in the U.S. House of Representatives.

Answer: (Elizabeth Lynne) “Liz” Cheney

7. This force was measured using a torsion balance in the Cavendish experiment. General relativity successfully predicted that this force can cause a type of lensing that leads to several images of a single light source, and general relativity is basically the incorporation of this force into relativity theory. Isaac Newton’s “universal law” of this force is an inverse-square law involving the product of two masses. This force explains the tides and the concept of weight. Name this fundamental force that makes massive objects attract.

Answer: gravity [accept gravitation]

8. This composer wrote the song “Weh! Weh! Ho! Ho! Auf!” [vay vay ho ho owff], which is sung in one of his operas just after a flying swan is shot. This composer ended that opera with the title character holding up the Holy Grail. This composer also wrote the battle cry “Ho jo to ho” [hoh yoh toh hoh] for another opera. This composer used the music from that song to open Act III of the same opera, which is when eight sisters prepare to transport dead heroes. That song is this composer’s “Ride of the Valkyries”. Name this composer who wrote *Parsifal* and the *Ring of the Nibelung* [NEE-buh-loonk] opera cycle.

Answer: (Wilhelm) Richard Wagner [REEK-hart VAHG-nur]

9. In one novel, this author described Sesemi Weichbrodt [seh-say-mee WYK-brawt] teaching Tony and becoming a family friend to Tony's daughter Erika and granddaughter Elizabeth. This author titled that novel for the family Elizabeth marries into, in which several men are named "Johann". In a novella by this author, one of the characters gets into a fight with Jasiu [YAH-see-oo] at a beach, which is seen by another character who had recently eaten bad strawberries. That novella by this author is about Tadzio and Gustav von Aschenbach [AH-shen-bahk]. Name this German author of *Buddenbrooks* and *Death in Venice*.

Answer: (Paul) Thomas Mann

10. This U.S. president appointed George Washington's nephew Bushrod Washington as a Supreme Court justice. Shortly before leaving office, this president appointed his then-Secretary of State John Marshall as Chief Justice. Other late appointments by this president were called "Midnight Judges" and challenged in the case *Marbury v. Madison*. This president was heavily criticized for reducing freedom by signing the Alien and Sedition Acts. This president was the only one to be elected with a vice president from another party; Thomas Jefferson was this person's vice president and successor. Name this second U.S. president.

Answer: John Adams [do not accept answers that include "Quincy"]

Check the score.

11. Two of these figures must intersect under the conditions in Euclid's fifth postulate. This type of figure can be generated in polar coordinates by dividing a constant by either the sine or cosine of theta. The ortho-center, circum-center, centroid, and center of the nine-point circle are along one of these figures named for Leonhard Euler [OY-lur]. The directrix of a conic section is this type of figure. A transversal is this type of figure, often crossing two parallel examples of this type of figure. Name these figures that have constant slope and which can be graphed using slope-intercept form.

Answer: lines [do not accept answers containing "segment"]

12. Carl Maria von Weber [VAY-bur] began working on a Jubilee Cantata, but he ended up writing this type of musical piece instead and made references to "God Save the King". Dmitri Shostakovich [shoh-stuh-KOH-vich] described one of these pieces that he wrote as "just a short work, festive or celebrative in spirit"; that piece is titled *Festive*. Another work of this type contrasts "La Marseillaise [mar-say-yez]" to Russian folk music and eventually includes "God Save the Tsar". That piece of this type gained popularity in the U.S. when the Boston Pops performed it with real cannons, a steeple-bell choir, and fireworks. Name this type of piece exemplified by Peter Tchaikovsky's *1812*.

Answer: (concert) overtures

13. This poet had an adolescent attraction to Rosa Baring, who in one of his poems is named Rose and gives him a rose. In another poem, he might have been referring to her with the phrase “lips that are for others”. Those two poems by this writer are “The Gardener’s Daughter” and “Tears, Idle Tears”. In another poem, this writer states “I hope to see my Pilot face to face” while making an analogy between a physical object and mortality. This author of “Crossing the Bar” eulogized several soldiers in a poem that states “All in the valley of Death rode the six hundred.” Name this English poet who wrote “The Charge of the Light Brigade”.

Answer: Alfred, Lord Tennyson(, 1st Baron Tennyson)

14. The northern part of this state contains Wheeler Lake and Guntersville Lake, each of which is more than 50 miles long and is along the Tennessee River. In this state, the Tennessee River passes near Muscle Shoals and the Marshall Space Flight Center. The eastern part of this state contains Tuskegee University and the International Motorsports Hall of Fame near Talladega [tal-uh-DAY-guh]. The south end of this state is at Mobile Bay on the Gulf of Mexico. Name this state whose most populous city is Huntsville, whose capital is Montgomery, and whose most populous metropolitan area is around Birmingham.

Answer: Alabama

15. One attempt to find matter described by this adjective is using a vat of liquid xenon [ZEE-nahn] surrounded by pure titanium buried in South Dakota. Some scientists claim that the lack of Chandrasekhar [chun-druh-SHAY-kahr] dynamical friction proves that the type of matter described by this adjective does not exist. Another thing described by this adjective was hypothesized when scientists found that the universe’s expansion is accelerating. Together, those two things described by this adjective combine to make up about 95% of the universe. Give this adjective that describes a type of matter and energy that cannot be seen.

Answer: dark [accept dark matter or dark energy]

Check the score.

16. The agricultural technique credited for the growth of this empire, which allowed crops to grow as floating gardens on lakes, was *chinampa*. City-states within this empire were divided up into *calpulli* [kahl-POH-lee] units. The last ruler of this empire was Cuauhtémoc [kwow-tay-MAHK], though this empire was destined to be conquered after the Massacre in the Great Temple, which happened when Montezuma was under arrest. This empire was sometimes referred to as the Triple Alliance based on the unity of its cities of Texcoco [tets-KOH-koh], Tlacopan [t’lah-KOH-pahn], and Tenochtitlan [tay-NOCH-teet-LAHN]. Name this empire conquered by Hernán Cortés that used to control much of what is now Mexico.

Answer: Aztec Empire [accept the Aztecs]

17. This novel begins with a character describing his arrival in the town of Bis·tritz. When that character falls asleep in this novel's third chapter, three women approach him, one of whom says "He is young and strong; there are kisses for us all." At the beginning of this novel, that character is engaged to Mina Murray, who leaves London to care for him. Mina's close friend is Lucy Westenra, who becomes ill in this novel and cannot be cured by Professor Abraham Van Helsing, who places garlic flowers around her room. Name this novel by Bram Stoker about a Transylvanian vampire.

Answer: Dracula

18. This man "went out to the field one evening to meditate" and saw camels approaching, one of which was carrying the woman he was about to marry. This man advised his son "Do not marry a Canaanite woman" before saying to take a wife "from among the daughters of Laban [LAY-bun], your mother's brother". When this man's eyesight was very bad, his wife helped one of his sons trick him into making that son his primary heir. This person was the father of Esau and Jacob. When this person was young, his father brought him to Mount Moriah to sacrifice him, but that action was stopped by an angel. Name this son of Sarah and Abraham.

Answer: Isaac [or Yitzchak]

19. Julius Wagner-Jauregg [VAHG-nur YAW-regg] found that an inoculation of this disease can treat dementia paralytica [pair-uh-LEE-tee-kuh]. Tu Youyou [too yoo-yoo] discovered that this disease can be treated by artemisinin [art-ih-MEE-suh-nin]-based combination therapies. People with sickle-cell trait are less likely to get this disease. This disease was often treated using quinine [KWY-"nine"], and current efforts to reduce it involve using nets around sleeping people and using insect repellents. Name this disease that was shown by Ronald Ross to be transmitted by *Plasmodium* [plaz-MOH-dee-um] parasites that are carried by mosquitos.

Answer: malaria

20. It is unclear whether or not this leader married Himiltrude, who was the mother of this leader's first son, Pepin the Hunchback, who planned an unsuccessful rebellion against this man. This leader eventually married Hildegard of the Vinzgau, who had nine children, after this leader's marriage to Desiderata [deh-zee-duh-rah-tah] was annulled. This leader was the oldest son of Pepin the Short, who was the first king in the Carolingian [kar-oh-LIN-jee-un] dynasty. Name this king of the Franks who is now considered to be the first Holy Roman Emperor.

Answer: Charlemagne [accept Charles the Great or Carolus Magnus; prompt on Charles or Carolus]

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.

- TB21. Franz Marc, who sometimes painted certain animals in certain colors, often painted these animals in blue, including a painting named for a *Tower of* them. White animals of this type are in the center of the first two of Paolo Uccello's [oot-CHELL-oh'z] three *Battle of San Romano* paintings. This type of animal is also featured prominently in Théodore Géricault's [tay-oh-dor zhair-ee-kohl'z] *The Charging Chasseur* [shah-sur], which shows one of Napoleon's officers, and in Jacques-Louis David's [duh-VEED'z] *Napoleon Crossing the Alps*. Name this type of animal that is depicted in equestrian paintings.

Answer: horses

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

- TB22. In 1979 in this U.S. state, there was a partial meltdown of the nuclear reactor at Three Mile Island. The South Fork Dam in this state collapsed in 1889, leading to thousands of drowning deaths in Johnstown. George Washington went to this state's town of Bedford to stop the Whiskey Rebellion. On September 11, 2001, United Airlines Flight 93 crashed into a field in this state when passengers attacked the hijackers. The Constitutional Convention took place in this state. Name this state that is the location of Independence Hall and the Liberty Bell in Philadelphia.

Answer: Pennsylvania

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

- TB23. This number is pluralized to give the name of a Garth Brooks album. This is the number of wonders of the ancient world. This is the number of dwarfs who helped Snow White. Give this number of days in a week.

Answer: 7

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.