

Scobol Solo 2022

Packet 5 (Round 5)

1. Years before becoming a leader, this person attempted coups in Strasbourg and Boulogne [boo-lohn]. Michel Chevalier [mee-shel shev-ahl-yay] was working under this leader when he negotiated a free trade agreement with the United Kingdom. This national leader hired Baron Haussmann to lead a massive urban renewal program of his capital city. This leader supported the younger brother of Emperor Franz Joseph I of Austria to become Emperor Maximilian I of Mexico. Name this person who led France until he was captured at the Battle of Sedan [seh-daw] during the Franco-Prussian War in 1870.

Answer: Napoleon III [accept Louis-Napoléon Bonaparte; do not prompt on “Napoleon” or “Bonaparte”]

2. The cellist Mstislav Rostropovich [miss-TISS-lahff rah-struh-POH-vich] said he stopped playing this composer’s Cello Concerto because “My pupil Jacqueline du Pré played it much better than I.” That concerto had a disastrous 1919 premiere, unlike this composer’s Violin Concerto. A famous piece by this composer goes half note, eighth note, eighth note, quarter note, three half notes, eighth note, eighth note, quarter note, whole note. Those notes are in the first of a series of marches by this composer that contain “Land of Hope and Glory”, and it started gaining fame when Yale University used it in 1905. Name this composer whose *Pomp and Circumstance Marches* are often played at graduations.

Answer: Edward (William) Elgar

3. This vitamin was discovered by mistake when Henrik [EN-reek] Dam was trying to study cholesterol. This vitamin works along with vitamin D to improve bone density, which is why both vitamins are recommended for osteoporosis. Before being given a hepatitis B vaccine, newborns are given an injection of this vitamin. The medicines coumarin [KOO-muh-rin] and warfarin [WAR-fuh-rin] work by making this vitamin less effective. When an animal does not have enough of this vitamin in its body, pro-thrombin does not work, preventing coagulation. Name this vitamin that is needed for blood clotting.

Answer: vitamin K

4. The last section of this poem refers to “the Count your master’s known munificence”, which helps the reader identify the person that the narrator is speaking to. The narrator of this poem then tells that listener to “Notice Neptune, though, taming a sea-horse”, which is shown in a bronze statue. The speaker of this poem complains about a woman liking a white mule and a bough of cherries with a heart “too soon made glad”. This poem’s narrator says he gave the woman the “gift of a nine-hundred-years-old name”. The narrator in this dramatic monologue shows off a picture of his former wife, whom he “gave commands” to have killed. Name this poem by Robert Browning.

Answer: “My Last Duchess”

5. This action was addressed by the Costigan–Wagner Bill and a bill introduced by Leonidas Dyer in reaction to the East St. Louis riots in 1917, but those bills did not pass. A 2020 bill addressing this action was blocked by Senator Rand Paul, who insisted on having a serious bodily injury standard. The bill to strengthen penalties for this action was changed and passed in 2022, was named for Emmett Till, and was an amendment of the Matthew Shepard and James Byrd Jr. Hate Crimes Prevention Act. Name this act of extra-judicial killing that in the United States was usually done to Black people to intimidate the Black community.

Answer: lynching [accept anti-lynching bills; prompt on hate crimes before “Hate Crimes [Prevention Act]”]

Check the score.

6. There is historical debate about the troops in this battle referred to as the Ne’arin [NAY-ar-in], who were probably a group of mercenaries who changed this battle from a rout to a stalemate. Two men claiming to be deserters before this battle said that one of the sides had troops near Aleppo [uh-LEP-oh], which was 200 kilometers away. This battle was fought by the Orontes [aw-RAHN-tees] River near what is now the border of Lebanon and Syria in the year 1274 BCE, 15 years before the two sides made the first recorded peace treaty. Name this battle between Hittites under Muwatalli [muh-wah-TAL-lee] II and Egyptians under Ramesses [RAM-zeez] II that involved over 5,000 chariots.

Answer: Battle of Kadesh

7. Though John Henry Reynolds discovered it first, both his name and this person’s name are attached to a law giving the brightness of elliptical galaxies. The constant named for this person is believed to have a value of 67 kilometers per second per mega-parsec, which implies that the universe is about 14 billion years old. That constant is used in the law named for this person, which relates the speed an object is traveling away from us to the object’s distance from us. Name this American astronomer who was the namesake of a predecessor of the James Webb Space Telescope.

Answer: Edwin (Powell) Hubble

8. The upper left corner of one painting by this artist has two hanging guitars, one of which is faded. In that work, which is probably set in southern Spain, this artist depicts a dancer in the foreground. Another painting by this artist depicts the daughters of Frederick Barnard surrounded by flowers and foliage, and lighting paper lanterns. That work is set in England, which is where this painter moved after the scandal caused by his painting of a woman with pale skin who is wearing a black satin dress, *Virginie Gautreau* [veer-zhee-nee gaw-troh]. Name this painter of *El Jaleo* [hah-LAY-oh]; *Carnation, Lily, Lily, Rose*; and *Portrait of Madame X* ["X"].

Answer: John Singer Sargent

9. This concept is the first word in the title of a book that popularized logical positivism in England. That book, by Alfred Jules Ayer, mentioned this concept with *Truth and Logic*. A textbook on the study of this concept was written by George Yule. This concept was defined as a collection of necessary conventions combined with the ability to speak by Ferdinand de Saussure [soh-syur]. Edward Sapir [suh-PEER] defined this concept as a non-instinctive method of communicating ideas. Noam Chomsky said that understanding an example of this concept means being able to form and understand sentences. Name this concept, central to the study of linguistics, consisting of words and ways to combine them.

Answer: languages

10. This character used to live with his auntie, who kept a candy store. This character was told to get a list of names, but was unable to do so because people scattered everywhere, later causing him to ask "How could I, with them little ones running round like insects?". This character complains that the people he is with should have made shelters instead of a fire. This character was not allowed to swim when he was younger because of his asthma. This character is killed when Roger drops a boulder on him, which also destroys the conch. Name this character who wears glasses in William Golding's *Lord of the Flies*.

Answer: Piggy

Check the score.

11. One synthetic version of this type of polymer is ethylene propylene diene [ETH-ih-leen PROH-pih-leen DY-een] monomer [MAH-noh-mur], which is often called EPDM. Some of the natural versions of this polymer are styrene-butadiene [STY-reen byoo-tuh-DY-een], poly-butadiene, and poly-iso-prene. Those types of this substance can be made more useful by heating them with sulfur, which makes this substance more durable by changing the chemical cross-links, a process that is called vulcan-ization and which was discovered by Charles Goodyear. This type of substance is often produced from the latex of a tree. Name this elastic substance.

Answer: rubber [accept latex before it is mentioned]

12. This person won the Nobel Peace Prize after writing the books *Newer Ideals of Peace* and *Peace and Bread in Time of War*, though the latter book increased criticism directed at this person for opposing American involvement in World War I. This person's most famous venture was started with Ellen Gates Starr after a visit to Toynbee Hall in London. Starr and this person bought a house on the Near West Side of Chicago and turned it into a complex that provided opportunities for working class local people. Name this woman who started Hull House.

Answer: (Laura) Jane Addams

13. This city's Monastery of the Sultan is located on the roof of a famous church. The old part of this city has an Armenian Quarter that considers itself part of the Christian Quarter. This city's Rehavia [reh-HAH-vyah] neighborhood is the home of many families who came from Germany and is also the location of the ancient Monastery of the Cross. The old part of this city has eight gates, including the Damascus Gate near the Church of the Holy Sepulchre [SEH-pul-kur]. The Dome of the Chain, the al-Aqsa Mosque, and the Dome of the Rock are on this city's Temple Mount. Name this city that is the disputed capital of Israel.

Answer: Jerusalem [or Yerushalayim or al-Quds]

14. One play by this writer ends with a woman saying "Do you hear? Silence, Silence I say! Silence!". The woman says those words in a play by this writer just after saying that her youngest daughter died a virgin. Earlier in that play, this writer has that woman get upset because her oldest daughter wore makeup. In another play by this writer, characters referred to as "The Mother" and "The Groom" hate the Felix family. Some of the action in that play is described by three woodcutters and The Moon. Name this 20th-century writer of *The House of Bernarda Alba* and *Blood Wedding*.

Answer: Federico (del Sagrado Corazón de Jesús) García Lorca [prompt on Lorca]

15. This phenomenon was explained in the paper "On a Heuristic Viewpoint Concerning the Production and Transformation of Light". This phenomenon allowed Robert Millikan to make early measurements of Planck's constant. This phenomenon contradicted the predictions of classical physics because it was much less dependent on light intensity than expected. This effect led Albert Einstein to propose that light travels in quanta for which energy is proportional to frequency. Name this effect in which light on an object can cause the object to emit electrons.

Answer: photo-electric effect [or photo-electricity]

Check the score.

16. This composer wrote a set of four songs called *Melodies of the Heart* with lyrics by Hans Christian Andersen when he got engaged to Nina Hagerup [hah-gur-OOP], who was his first cousin. Another piece by this composer has a lot of staccato notes and lyrics that include characters asking “May I hack him on the fingers?” and “May I tug him by the hair?”. This composer originally wrote that piece as incidental music for a play scene with a troll king. This composer extracted the incidental music into two suites, the first of which starts with “Morning Mood”. Name this composer who wrote “In the Hall of the Mountain King” for *Peer Gynt*.

Answer: Edvard (Hagerup) Grieg

17. The founder of this religious movement defined its beliefs as “the law of God, the law of good, interpreting and demonstrating the divine Principle and rule of universal harmony”. Each church following this movement is a lay church that has two readers who lead a Sunday service, and the First Reader also leads a Wednesday service. This church is headquartered in Boston and runs a respected newspaper. The founder of this church stated “What is termed ‘disease’ does not exist”, and some members of this church have been convicted of manslaughter for not treating their children’s medical issues. Name this church founded by Mary Baker Eddy that hosts many public Reading Rooms.

Answer: (First) Church of Christ, Scientist or Christian Science [accept Christian Scientists]

18. One novel by this author begins with a man with an “aesthetic headache” sitting on “the great circular divan” in the Louvre. That man, who becomes obsessed with Noémie, is this author’s protagonist Christopher Newman. Another novel by this author is about a woman who promises to return to Pansy, who is the daughter of Madame Merle. This author has that woman enter into a troubled marriage with Gilbert Osmond in Italy and help out her cousin Ralph Touchett [TOO-shet] in England. Name this author of *The American* who wrote about Isabel Archer in *The Portrait of a Lady*.

Answer: Henry James

19. Sums of this type of function give the solution to a homogeneous linear differential equation with constant coefficients if the characteristic polynomial does not have roots with multiplicity greater than 1. This type of function plus a constant is generated by recursive formulas in which each term equals a multiple of the previous term plus a constant. The derivative of this type of function equals a constant times the original function. The inverse of this type of function is a logarithmic function. Name this type of function that, as the input increases, has extremely fast growth or decay.

Answer: exponential functions [prompt on e^x [“ e to the x (th power)”] or b^x [“ b to the x (th power)”]]

20. This leader's statements that people from his country and people from China are brothers were criticized when China attacked this leader's country. When this person was prime minister, his country took control of some Portuguese colonial territories, most notably Goa. This leader gave speeches known as "The Light Has Gone Out" and "A Tryst With Destiny". This leader agreed to the Radcliffe Line, which divided what had been his country so part of it was controlled by Muhammad Ali Jinnah, who was the leader of the Muslim League. Name this father of Indira Gandhi who was the first leader of India.

Answer: (Pandit) Jawaharlal Nehru

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. A series of love paintings by this artist is displayed in a room named for this artist at the Frick Collection in New York City. That collection includes this artist's *The Progress of Love: The Meeting*. Another painting by this artist, which is sometimes classified as one of his fantasy figures, shows a girl in a bright yellow dress looking down at a small book in her hand. Yet another painting by this artist shows a man in the lower left corner holding his hat in the direction of a woman dressed in bright pink. Name this 17th-century French rococo painter of *Young Girl Reading* and *The Swing*.

Answer: Jean-Honoré Fragonard [[zhahn awn-nuh-ray](#) [frah-goh-nar](#)]

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

- ^{TB}22. One of this war's major naval battles, which was a conflict between Franz von Hipper and John Jellicoe, ended with both sides claiming to have won the Battle of Jutland. Another battle during this war led to the suicide of Alexander Samsonov while greatly improving the reputations of Erich Ludendorff and Paul von Hindenburg. The Battles of Tannenberg, Somme, and Verdun were in this war. Name this war lost by the Central Powers, which led to the breakup of Austria-Hungary and the Ottoman Empire when this war ended in 1918.

Answer: World War I [accept the First World War; prompt on the Great War]

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

- ^{TB}23. Christians believe that there were this many generations each from Abraham to David, from David to the exile to Babylon, and from the exile to the Messiah. This is the atomic number of silicon. There are this many pounds in one stone. A sonnet has this number of lines. Give this number of days in two weeks.

Answer: 14

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.