

Scobol Solo 2018

Packet 6 (Round 6)



1. A film by this director uses cuts during close-ups into objects of uniform color to make the film appear as if it were created in one continuous shot. This director of *Rope* directed a film in which a character goes to the Legion of Honor to gaze at a portrait of Carlotta Valdes. Roger Thornhill is caught up in a plan to smuggle out microfilm with government secrets in a film by this director in which a man is chased by a plane in front of Mount Rushmore. A woman is stabbed in the shower in a film by this director in which Norman Bates runs a motel. Name this director of *Vertigo*, *North by Northwest*, and *Psycho*.

Answer: Alfred Hitchcock

2. This activist made a pact with Lord Irwin that was supported by William Benn and Ramsay MacDonald. This activist started the Tolstoy farm and wrote the autobiography *The Story of My Experiments with Truth*. This person spent much of his career in South Africa, helping Zulus who were injured in a war with the British and working as a lawyer trying to expand voting rights. In his native country, he advocated buying *khadi* textiles instead of foreign imports and led the Salt March to Dandi. This person was killed by the Hindu nationalist Nathuram Godse. Name this revolutionary proponent of *satya-graha* who is considered India's "Father of the Nation".

Answer: Mohandas K(aramchand) "Mahatma" Gandhi

3. The components of this substance do not develop properly in people with myelo-dys-plastic ["MY-uh-low-diss-plastic"] syndromes. Warfarin [WOR-fuh-rin] and heparin [HEP-uh-rin] cause thinning of this substance, which make it less able to form solid clumps. Von Willebrand [VIL-ih-brahnt] disease is a disorder of this substance that can lead to loss of it. One of the components of this substance is partly disabled by aspirin, which is why some people take aspirin daily. Systolic and diastolic measurements are used to quantify this substance's pressure, which is high in people with hypertension. Name this substance that flows in capillaries, arteries, and veins.

Answer: blood [accept bone marrow before "thinning" in second sentence]

4. Following this country's July 2018 election, its legislature went from having over 100 more men than women to having only 11 more men than women. Claudia Sheinbaum [SHAYN-bowm] is becoming the Head of Government of the Federal District, which is equivalent to being the mayor of this country's capital. The MORENA [moh-RAY-nuh] Party won this country's election with a candidate who had lost elections while running with the PRD; that victory meant Andrés Manuel López [ahn-DRAYSS mahn-wel LOH-pez] replaced Enrique Peña Nieto [en-REE-kay "PAIN"-yah nee-AY-toh] as this country's president. Name this country which has had disagreements with President Trump over a border wall.

Answer: Mexico [or United Mexican States or Estados Unidos Mexicanos]

5. This poem states "It is thine alone, with awful sway, to rule mankind, and make the world obey." Those words are spoken in the underworld by the spirit of this poem's protagonist's father. This poem's protagonist's wife Creusa ["cry"-OO-suh] dies, and her spirit then says to head West and take care of Ascanius [as-KAN-ee-uss]. In this poem, Amata [uh-MAH-tuh] kills herself when she thinks that Turnus has died because she wanted Turnus to marry her daughter Lavinia [luh-VIN-ee-uh]. The hero of this poem has a love affair in Carthage which ends with Queen Dido ["DIE"-doh] killing herself. Name this epic about the founding of Rome written by Virgil.

Answer: (*The*) Aeneid [uh-NEE-id]

Check the score.

6. This artist painted six circus performers all looking away from each other in a desert-like landscape. This artist of *Family of Saltimbanques* [salt-eem-bahnks] drew a famous black-and-white sketch of *Don Quixote*. This artist was also inspired by background figures in El Greco's *The Opening of the Fifth Seal* to create a painting of five mask-wearing prostitutes, *Les Demoiselles d'Avignon* [led-em-wah-zel dah-veen-yawn]. A bull, a horse, and several dismembered people scream in this artist's *Guernica* [gair-NEE-kah]. Name this Spanish cubist artist who went through Rose and Blue Periods.

Answer: Pablo (Ruiz y) Picasso

7. Nicomachus's [nih-KOH-muh-kuss'z] theorem shows how to generate all perfect cubes using consecutive values of these numbers, starting with the first one, then the next two, then the next three, etc. A graph has an Eulerian [oy-LAIR-ee-un] circuit if only zero or two of its vertices' degrees are this type of number. If you add the first n positive numbers of this type, the result is n^2 [" n squared"]. Every prime number except the smallest prime is this type of number. Give this term for a number that is not divisible by 2.

Answer: odd numbers [or odds]

8. The Riegle [REE-gul]-Neal Act passed in 1994 made it easier for companies of this type to cross state lines, which reversed a major provision of the McFadden Act. A law passed in 1933 named for these businesses, commonly referred to as the Glass-Steagall Act, explicitly separated these businesses from securities firms. A threatened failure of these businesses caused the Panic of 1907, which ended when leaders of these businesses worked together, following the lead of J .P. Morgan. Name these institutions that borrow and loan money.

Answer: banks [prompt on financial institutions]

9. The Dahlak Archipelago in this body of water has been used for pearl diving since ancient times. A north branch of this body of water is entered near Tiran Island. On the southwest coast of this sea there is a country that gained independence in 1991, while its southeast coast is the site of a civil war fought by Houthi [HOO-thee] rebels. This body of water is north of the Gulf of Aden, and the Gulf of Aqaba and Gulf of Suez are in its north part. Egypt, Sudan, Eritrea, and Djibouti are on the west shore of this body of water. Name this sea whose eastern shore abuts Yemen and Saudi Arabia.

Answer: Red Sea [or Erythraean Sea]

10. In one play by this writer, the protagonist tries to decide whether to marry Holga while reflecting on his previous marriages to Louise and Maggie, the latter of whom commits suicide in a manner similar to the real-life suicide of this writer's second wife. This author of *After the Fall* wrote a play in which a farmer has an affair with his maid, Abigail Williams, who flees town with money taken from her uncle, the Reverend Samuel Parris. In another play by this writer, the protagonist is discovered in a hotel having an affair with Miss Harvey by his son Biff. Name this playwright who wrote about the Salem witch trials in *The Crucible* and about the Loman family in *Death of a Salesman*.

Answer: Arthur (Asher) Miller

Check the score.

11. The coupling constant for this interaction is approximately 1. The exchange of virtual pions ["PI"-ahnz] can explain the residual form of this interaction, which occurs at larger distances than the other version. This interaction affects baryons ["BARE"-ee-ahnz] but not leptons. The theory behind this interaction is quantum chromo-dynamics, and its gauge boson is the gluon ["glue-on"]. Grand unified theories attempt to unify this interaction with the electro-weak interaction. Name this interaction that binds quarks together as components of protons and neutrons in an atomic nucleus.

Answer: strong nuclear force or strong interaction

12. A scholar who worked for this ruler moved the relics of Saint Marcellinus [mar-sub-“LINE-us”] to Seligenstadt [SEL-ug-un-shtaht] after prying some of them away from Hilduin [ILD-win]. This ruler dramatically expanded the work of investigators known as the missi dominici [MEE-see doh-mee-NEE-see] to root out corruption in his government. This employer of Einhart [“EYE”N-hart] built a palace school at Aachen [AH-kun]. This man was crowned as Holy Roman Emperor on Christmas Day 800 by Pope Leo III. Name this “King of the Franks [frahnks]” whose educational reforms lead to the Carolingian [kar-oh-LIN-jee-un] Renaissance
Answer: Charlemagne [SHAR-luh-“main”] [or Charles the Great or Charles I or Carolus Magnus or Karl der Grosse; prompt on Charles]
13. A piece by this composer includes a nine-movement “Symbolum Nicenum” [sim-BOH-lum ny-SEEN-um] and is referred by its key signature, B minor. This composer adapted the last movement from *Herz und Mund und Tat und Leben* [“hurts” oont MOONT oont TAHT oont LEB-en] into a song commonly called “Jesu [yeh-soo], Joy of Man’s Desiring.” A theme-establishing “aria” opens a work by this composer that contains a canon every third movement. This composer wrote a collection of preludes and fugues in all major and minor keys. Name this Baroque composer of the *Goldberg Variations*, *The Well-Tempered Clavier*, and a *Tocatta and Fugue in D minor*.
Answer: Johann Sebastian Bach
14. A character in this play states that five fiends have been in Tom, the last of whom is Flibber·ti·gibbet. That character states “The prince of darkness is a gentleman” while pretending to be Tom o’ Bedlam. Earlier in this play, Edmund pretends to be attacked by that character, whose real name is Edgar. In this play, the Duke of Albany and Duke of Cornwall seem destined to inherit half of Britain because they married the ruler’s daughters Goneril and Regan. Name this William Shakespeare play in which those two women flatter the title king, though their sister Cordelia does not.
Answer: (*The Tragedy of*) King Lear
15. By combining yttrium [IT-ree-um], indium, and manganese, Oregon State chemists created a new pigment of this color in 2009. Cesium [SEE-zee-um] produces this color in a flame test. A common methylene [METH-uh-leen] dye of this color is used to treat poisoning by cyanide, whose own name comes from a “Prussian” pigment of this color. Solutions of copper(II) [“copper 2”] ion have this color. The addition of cobalt turns porcelain and glass this color. This color occurs when litmus paper is exposed to a base. Name this color between green and indigo on the visible spectrum.
Answer: blue

Check the score.

16. This man says he wishes his words could be “chiseled in stone forever” before declaring that “I know that my Redeemer liveth.” God describes the creatures Leviathan [lev-“EYE”-uh-thahn] and Behemoth to this man from within a storm. This man says that “naked I came from my mother’s womb, and naked I will depart” shortly before he becomes afflicted with boils that he scratches with pieces of broken ceramic. This man’s three friends Bildad, Eliphaz [el-ee-FAHZ], and Zophar [ZOH-far] comfort him after his wealth, children, and health are taken away from him by Satan. Name this man who maintains his faith while being tested by God.

Answer: Job [rhymes with “robe”] [or Iyov]

17. The independence of this land is stated in the Declaration of Arbroath [ar-BROHTH]. The wars for the independence of this land started after the death of Margaret, Maid of Norway, at the age of seven in 1290. John III Comyn successfully led this country at the Battle of Roslin after John Balliol [BAL-ee-ul] lost to the English at the Battle of Dunbar; Comyn was killed by this country’s Robert the Bruce, who became its king. After the Battle of Falkirk, William Wallace resigned as the guardian of this country. Name this country that now joins England, Northern Ireland, and Wales in the United Kingdom.

Answer: (Kingdom of) Scotland [or Rioghachd na h-Alba]

18. In a novel by this author, Daniel, who is homosexual, offers to marry Marcelle, who is pregnant. Marcelle was impregnated by Mathieu [maht-yoo], who wants her to get an abortion, in this author’s *The Roads to Freedom* trilogy, which begins with the novel *The Age of Reason*. In a play by this writer, a character states “But damn it all, they might have left me my toothbrush!” after a valet leads the character to a room with Second Empire furniture but no torture devices. Name this French existentialist who wrote about Estelle, Inès, and Garcin [gar-san] discovering that “Hell is other people” in the play *No Exit*.

Answer: Jean-Paul (Charles Aymard) Sartre [sart or sar-treh]

19. A poor choice of fixative can result in a synizetic [sin-uh-ZET-ik] knot when observing this process in a microscope. In female mammals, this process pauses during dia-kinesis [“DIE-uh-kinesis”] and produces three non-functional polar bodies. Offspring aneuploidy [AN-yoo-ploy-dee] can result from non-disjunction during this process. In the first phase of this process, homologous tetrads [huh-MAH-luh-guss TET-radz] form during crossing over. Pollen grains, plant spores, and sperm cells are all generated by this reductive form of division. Name this type of cell division that usually produces four non-identical haploid gametes [HAP-loyd GAM-eets], unlike mitosis [my-TOH-siss].

Answer: meiosis [accept prophase I before “two”]

20. This thinker argued that society’s laws and punishments cause friction with the individual’s instinctive wish for freedom, which prevents us from reaching the greatest possible happiness. In an earlier work, this thinker distinguished between the manifest and latent content of the central concept [pause] and introduced the idea that children have an unconscious sexual desire for one of their parents. This author of *Civilization and Its Discontents* introduced the basis of the Oedipus complex in *The Interpretation of Dreams*. Name this founder of psycho-analysis who divided the psyche [SY-kee] into the id, ego, and superego.

Answer: (Sigismund Schlomo) “Sigmund” Freud

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. Soldiers from this country killed Albert Mayer at the beginning of World War I at the Skirmish at Joncherey [zhawn-sheh-ree]. Soon after that, this country had a disastrous implementation of Plan 17, losing the Battle of the Frontiers. This country’s commander-in-chief Joseph Joffre [zhawf-ruh] was able to stop the advance into this country at the First Battle of the Marne. An unsuccessful strategy of invading this country by going through the Low Countries became known as the Schlieffen [SHLEE-fen] Plan. Name this Allied Power that was the site of much fighting against Germany on the Western Front during World War I, when this country’s government was known as the Third Republic.

Answer: France [or French Third Republic; accept Third Republic before “Third”]

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

- ^{TB}22. Adamastor and Slide Mountain are examples of this type of feature that stopped existing millions of years ago, though some of these features still exist. One of the largest historical examples of this type of feature is Mirovia [meer-OH-vee-uh], which was eventually replaced by Panthalassa [pan-thuh-LASS-uh]. The hadal and abyssal [uh-BISS-ul] zones are parts of this type of feature. Scientists disagree about how many of these features currently exist on Earth because the Southern, or Antarctic, one may not be separate and the Arctic one may be something else. These features cover about 70% of the Earth’s surface. Name this type of feature found between continents.

Answer: oceans

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

- ^{TB}23. This day is named for the Norse god of wisdom and death. The first day of Lent falls on this day of the week, and some Catholics commemorate the day by marking their foreheads with ashes. It is sometimes called “hump day”. Name this day that falls in the middle of the regular workweek.

Answer: Wednesday

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.