

New Trier Scobol Solo 2013

Round 1



1. After running Hong Kong, Frederick Lugard united the north and south halves of this country under British rule. Its 1993 election probably was won by M. K. O. Abiola [ah-bee-OH-lah], but Ernest Shonekan [SHOH-neh-kahn] gained control from Ibrahim Babangida until the military gave control to Sani Abacha. Following the 1966 murder of Prime Minister Abubakar Tafawa Balewa, the southeast region of this country temporarily seceded to become Biafra [bee-AH-frah]. There have been continuing conflicts between its northern region, containing many Hausa Muslims, and the southern Igbo Christians. Name this country, part of which used to be Lagos Colony.
Answer: (Federal Republic of) **Nigeria**
2. This poet wrote that “Those that I fight I do not hate, / Those that I guard I do not love.” Another poem by this person describes creatures that “scatter wheeling in great broken rings / upon their clamorous wings”. Another poem of his describes a time when “shadows of the indignant desert birds” reel at the site of “a gaze blank and pitiless as the sun”. That poem asks “What rough beast, its hour come round at last, slouches towards Bethlehem to be born?” Name this poet of “An Irish Airman Foresees His Death”, “The Wild Swans at Coole”, and “The Second Coming”.
Answer: William Butler **Yeats**
3. On the right side of one work by this painter, Jacob is on a red carpet with his hands in the air as he is shown the bloody tunic of Joseph. This artist also portrayed Apollo with his finger raised as he visits the forge of Vulcan, and a different work by this painter showing two levels of the competition between Athena and Arachne [uh-RAK-nee] is *Las Hilanderas* [ee-lahn-DAY-rah]. Another work by this artist shows a mirror with the images of Mariana of Austria and Philip the Fourth of Spain. In that work, two people are assisting with the Infanta Margaret Theresa, who is wearing a white dress. Name this 17th-century Spanish painter of *Las Meninas*.
Answer: Diego (Rodríguez de Silva y) **Velázquez**
4. One of these situations named for the Marquis de Condorcet [kon-dawr-say] can arise when three people are voting on three options by ranking them. Several of these problems, including one involving the set of all sets that are not members of themselves, are associated with Bertrand Russell. The one named for liars consists of the statement “This sentence is false.” Several others, including one involving an arrow in flight, are credited to the Greek philosopher Zeno of Elea. Zeno tried to explain why Achilles could never catch a tortoise. Name these statements that contradict themselves.
Answer: **paradoxes**

5. A politician from this state became the first Republican U.S. senator to support single-sex marriage after his son came out as gay, before Mark Kirk became the second. The governor of this state, who seemed to criticize his own party in October 2013 by saying “I’m concerned about the fact there seems to be a war on the poor”, is former Fox News *Heartland* host John Kasich. A U.S. congressman from this state who recently said of Obamacare “There is no way to fix this monstrosity”; that man is the Speaker of the House, John Boehner [BAY-nur]. Name this state where Ariel Castro kidnapped three women in Cleveland.

Answer: **Ohio**

6. This novel is set between places named Pinchfield and Foxwood. One character in this novel is told that liberty is worth more than ribbons, and another character claims that it is Sunday seven days a week in Sugarcandy Mountain. Its Seven Commandments are eventually shortened to a single rule. In this novel, the song “Beasts of England” is taught by Old Major, and a group of characters adopts a Horn and Hoof Flag that has parallels to a hammer and sickle. Name this allegory of the Russian Revolution featuring the pigs Napoleon and Snowball, written by George Orwell.

Answer: ***Animal Farm***(: *A Fairy Story*)

7. Tylosis involves resinous chemicals blocking this tissue type to slow infection. Minerals entering this tissue must first cross the endodermal Casparian strip, and this tissue has secondary wall thickenings that can be annular, helical, reticulate, scalariform, or pitted. Both this tissue and ground tissue must be embedded with lignin to function properly. Transpirational pull allows fluid to move through this tissue, whose secondary form makes up the heartwood of trees. Tracheids [TRAY-kee-idz] and vessel elements make up what vascular plant tissue responsible for transporting water, unlike the phloem?

Answer: **xylem** [prompt on **vascular** tissue before “vascular”]

8. Adherents of this religion greet each other with the words “sat sri akal”. This religion’s services are ended by reading a randomly selected verse from its scripture, and in this religion’s places of worship, communal kitchens serve free food to visitors regardless of their backgrounds. Members of this faith are baptized by being sprinkled with and then drinking sugar water, and adherents wear metal bracelets and carry daggers as two of this religion’s Five Ks. Name this Indian religion founded by a series of ten gurus, beginning with Guru Nanak, whose members maintain their uncut hair in turbans.

Answer: **Sikhism**

9. In naval battles, this empire’s ships sprayed and ignited a sticky mixture of naphtha and bitumen called Greek fire. Alexius the First reorganized this empire’s military after it lost Anatolia to the forces of Alp Arslan at the Battle of Manzikert. Johannes Grant uncovered enemy tunnels and Giovanni Giustiniani [joos-tee-nee-AH-nee] defended the city walls during a siege of this empire’s capital, in which Hypatius had led a revolt of Blues and Greens in the Hippodrome. Name this empire which suppressed the Nika Riots and fell in 1453 after Ottomans under Mehmed II captured its capital, Constantinople.

Answer: **Byzantine** Empire [or **Eastern Roman** Empire; prompt on **Roman** Empire; do not accept “Ottoman Empire”]

10. This substance covers several Henry Cole buildings, including the Museum of Natural History in London, and this substance is used to make arches using Guastavino tiles. This material was also used in the *Burney Relief* created in ancient Mesopotamia. This can be glazed to provide a white façade, as it is used on New York City’s Woolworth Building and Chicago’s Wrigley Building. This type of clay was used to create over 500 horses and 8000 soldiers in the third century BCE in China. Name this substance whose name means “baked earth”, used to surround the tomb of Qin Shi Huang with what looks like an army.

Answer: **terracotta** [prompt on **clay** or **ceramic**]

11. This country’s borders were redrawn in the Treaty of Trianon in 1920. This country was led by the Arrow Cross Party at the end of World War Two after Operation Margarethe and Operation Panzerfaust weakened and then removed Miklós Horthy from power. In the year 1000, Stephen the First became this country’s first king, establishing the Árpád dynasty. János Kádár [YA-nawsh KAH-dar] was the Communist leader of this country after the failed 1956 Revolution led by Imre Nagy [EEM-ray NAJ]. Settled by Magyars, this country spent the latter half of the nineteenth and early twentieth centuries as part of a dual monarchy with Austria. Name this country with capital at Budapest.

Answer: Republic of **Hungary** [accept **Magyarország** or **Magyar** Köztársasag before “Magyars”]

12. Before becoming Pope Benedict the Sixteenth, Cardinal Ratzinger labeled this belief the central problem for faith today. The Sapir-Whorf hypothesis supports the linguistic form of this belief. Franz Boas encouraged the cultural form of this approach, believing that the actions of people in a culture should be judged from within that culture. Baruch Spinoza is viewed as a supporter to the ethical form of this approach, since he believed that nothing was intrinsically good or bad. Name this denial of objective truth that is often contrasted with absolutism.

Answer: **relativism** [accept more specific answers; accept word forms such as **relativity**]

13. This composer wrote an opera in which the title character plans to marry Mandryka, and he referenced that opera in a piece called a study for 23 solo strings, his *Metamorphosen*. This man also composed a work depicting the title character's "Adversaries", "Companions", and "Works of Peace". That work is *A Hero's Life*, which, like *Till Eulenspiegel's Merry Pranks*, is a tone poem. The first section from another work by this composer, entitled "Sunrise", begins with slow rising trumpets followed by alternating timpani and was used in Stanley Kubrick's *2001: A Space Odyssey*. Name this composer of *Also Sprach Zarathustra*.

Answer: **Richard Strauss** [prompt on **Strauss**]

14. Most subtropical cyclones form along the margins of this natural phenomenon that marks Nantucket Island as a marine biodiversity boundary. Lemon trees can grow in Devonshire, England because of this phenomenon's effect on climate, which also keeps the coast of Norway ice-free through the winter. First mapped by Ben Franklin, it explains why ships take less time to sail from North America to Europe than the reverse trip. It is formed by the convergence of the Antilles and Caribbean currents. Name this large, warm-water current that flows up the east coast of the US and across the North Atlantic.

Answer: **Gulf Stream** [prompt on oceanic **currents**]

15. The first bridge built to cross this river goes from Tortoise Hill to Snake Hill. This river originates in the Tanggula [tahng-goo-lah] Mountains, and its source is generally considered to be the Wulanmulun [woo-lahn-moo-loon] River. It was the home of the baiji, a recently extinct species of dolphin. From 1994 to 2012, this river was the construction site of the most powerful hydroelectric project in the world, the Three Gorges Dam. This river flows into the East China Sea at Shanghai. Name this longest river in Asia, often referred to as Chang Jiang [chayng jayng].

Answer: **Yangtze River** [accept Chang **Jiang** or **Da Jiang** before "Chang" prompt on **Long River** or **Great River**]

16. The Supreme Court ruled that this amendment was violated in the arrest of Fremont Weeks. The fifth and sixth amendments, along with this, have exclusionary rules that were expanded to the state level in *Mapp v. Ohio*, which reversed an arrest of a woman who possessed pornographic materials. The case of *Katz v. United States* applies this amendment to all cases in which the defendant had a "reasonable expectation of privacy". Name this amendment in the Bill of Rights that states "The right of the people to be secure in their persons... shall not be violated", and which protects "against unreasonable searches and seizures".

Answer: **Fourth** Amendment [or **4**]

17. One author from this country wrote a work in response to a 1968 massacre of student protesters subtitled “Critique of the Pyramid”. Another author from this country wrote a novel in which the title character recalls his son, who was killed in the Spanish Civil War. That author from this country wrote a work, featuring the fictional American Harriet Winslow, that was inspired by Ambrose Bierce’s mysterious death. Name this country whose works have included the novel *The Death of Artemio Cruz* by Carlos Fuentes and the essay *The Labyrinth of Solitude* by Octavio Paz.

Answer: **Mexico**

18. One type of these solutions developed by Prideaux and Ward contained phosphoric, phenylacetic [FEE-nul-uh-SEE-tik], and boric acids, and a similar example of the universal type of this solution was developed by Britton and Robinson. One of these solutions, often a saline [SAY-leen] with phosphate or acetate [AA-suh-tate], is used in high-performance liquid chromatography. These solutions often use at least two solutes, and their impact can be predicted by the Henderson–Hasselbalch [HAS-ul-bahlk] equation. Name these solutions typically containing a weak acid or weak base that are used to maintain constant alkalinity, meaning they resist changes to pH [P-H] levels.

Answer: **buffers** [or **buffering** solutions or **buffering** agents]

19. In one work by this author, a bible salesman visits the Hopewells and proceeds to deceive the disabled Hulga by running off with her prosthetic leg. This author of “Good Country People” detailed a bus trip in which Julian takes his racist mother to their local Y. In another story by this writer, whose title is taken from a Red Sammy quote, Bailey takes his family on a trip to Florida against his grandmother’s wishes, where they encounter The Misfit. Name this Southern author of *Everything That Rises Must Converge* and *A Good Man Is Hard to Find*.

Answer: Flannery **O’Connor**

20. One law named for this person states that the divergence of gravitational field strength is proportional to mass density. This person’s name is sometimes used for the system of CGS [C-G-S] units, and he is the namesake of the CGS unit of magnetic field strength that corresponds with the MKS [M-K-S] unit tesla. Another law named for this person, which is incompatible with the existence of magnetic monopoles, states that a closed surface integral of a magnetic field is zero. Name this famous mathematician whose flux laws for electricity and for magnetism are two of Maxwell’s four equations.

Answer: Carl Friedrich **Gauss**

TB. This poet composed an anthology that includes his criticism of the poems contained in it, entitled *The Seashell Game*. The philosophy of his poetry is based on the concept of *sabi*. One work of his opens with the sentence “The month and days are the travelers of eternity.” A notable poem by this man describes the effect of a frog jumping into a pond. This author of a travel diary that mixes prose and poetry called *The Narrow Road to the Deep North*. Name this Edo-period master of the seventeen-syllable haiku.

Answer: **Matsuo** Basho [or **Matsuo** Kinsaku or **Matsuo** Chueemon Munefusa; prompt on any non-underlined part of an acceptable name]

TB. Among this group of organisms, *D. lusitanicum* is the only species routinely found in dry regions. The namesake organ of another member, the bladderwort, can generate an internal vacuum underwater. Charles Darwin first noted that this group relies on the movement of prey to trigger a response, and all species described by this term are native to areas with nitrogen-poor soil. The sticky fluid of the sundew and slippery walls of the pitcher plant are two methods used by species of this type to trap their targets. These plants are mainly found in bogs and wetlands. Name these plants like the Venus flytrap that specialize in catching insects and that are given the same name as animals that eat animals.

Answer: **carnivorous** plants [accept **carnivores**; prompt on **plants** or **Plantae** before “plant”; accept **insectivorous** plants before the end]

TB. Identify the color that names a group of Francisco Goya paintings including *Witches’ Sabbath* and *Saturn Devouring His Son*, describes the shirts worn by Mussolini’s fascists, and marks the type of cat said to cause bad luck if it crosses your path.

Answer: **black**