#### 2016 OAC Regionals – Round 6

Questions written by Ike Jose and Steven Wellstead

## **Category Round**

## American Literature: Name these Pulitzer-Prize winning plays.

<u>Team A</u>: In this play by August Wilson, Troy Maxson is a former baseball player who now works as a garbage man. Its title refers to a structure that allegorically fends off the Grim Reaper.

ANSWER: Fences

<u>Team B</u>: In this other August Wilson play, Bernice plays the title music instrument to fend off spirits that have haunted her house. Boy Willie desires to sell the title object, though Bernice objects since it is part of her tradition.

ANSWER: The Piano Lesson

<u>Tossup</u>: In this play, a man starts singing "Libera me, Domine (lih-"BEAR"-uh "me" DOH-me-nay)" as part of a "requiem" for a child. That character had earlier appeared in this play's third act with snapdragons that he called "flores para los muertos," or "flowers for the dead." Two intermissions of ten minutes each usually punctuate the three acts of this play, which are titled "Fun and Games," "Walpurgisnacht (vahl-PUR-giss-nahkt)," and "The Exorcism." In this play, the young couple Nick and Honey are invited over to the house of the frequently bickering couple George and Martha. Name this play by Edward Albee that is jokingly named after a female British author.

ANSWER: Who's Afraid of Virginia Woolf?

Mathematics: Pencil and paper ready. Give the following related to permutations. You will have 30 seconds for the team questions.

<u>Team B</u>: Give the number of unique permutations there are of the letters in "free," which is spelled F, R, E, E.

ANSWER: 12 or twelve

Team A: Give the number of unique permutations there are of the letters in "swiss," which is spelled S, W, I, S, S.

ANSWER: 20 or twenty

<u>Tossup</u>: Stirling permutations are generated by using the double form of this function. A complex-valued variant of this function shifts the input down by one and is taken by integrating from zero to infinity of the function  $x^{t-1}e^{-x}dx$  ("x to the t minus one, times e to the negative x, times D X"). That gamma function generalizes this function, which is often approximated by using Stirling's approximation. This function, which appears in the general formula for combinations, equals 1 for an input of 0. For a positive integer x, this function is carried out by taking the product of all integers between 1 and x. Name this function represented by an exclamation mark.

ANSWER: factorial function

# World History: Name these European kingdoms or empires.

<u>Team A</u>: The 5th of October 1910 Revolution led to the downfall of this kingdom two years after the assassination of its King Carlos I, who was a member of the House of Braganza.

ANSWER: Kingdom of **Portugal** [or Reino de **Portugal**]

<u>Team B</u>: The Great Northern War included the 1718 death of Charles XII ("the 12th") of this kingdom, a more notable ruler of which was killed during the 1632 Battle of Lutzen.

ANSWER: Kingdom of **Sweden** [or Konungariket **Sverige**]

Tossup: The two highest courts utilized by this empire were the Aulic (AW-lik) Council and Imperial Chamber Court. For nearly a century, it was ruled by members of the Salian Dynasty. Henry the Fowler fathered the first ruler of this empire, which was ruled by a man who drowned while crossing the Saleph River during the Third Crusade. The principle of *cuius regio*, *eius religio* (kwee-uhss REE-jee-oh, AY-uhss ruh-LIH-jee-oh) was established in the 1555 Peace of Augsburg made by Charles V ("the 5th") of this empire, which was earlier led by Frederick Barbarossa. In 962, Otto I was crowned by the pope as the first ruler of what empire, which Voltaire quipped was neither of the three words included in its name?

ANSWER: **Holy Roman** Empire of the German Nation [or **Heiliges Romisches** Reich Deutscher Nation]

## Fine Arts: Name these artists who incorporated music into some of their works.

<u>Team B</u>: *Two Women Waltzing* are the subjects of one work by this Post-Impressionist French painter best remembered for his depictions of the Paris cabaret ("CAB"-uh-"ray") Moulin Rouge (MOO-lahn roozh).

ANSWER: Henri Marie Raymond de <u>Toulouse-Lautrec</u>-Monfa ("too"-looz-loh-trek) [prompt on partial answer]

<u>Team A</u>: A barbershop quartet was the subject of a 1936 illustration by this American artist whose painting *Freedom from Want*, which is part of his *Four Freedoms* series, depicts an extended family gathered around a table for a Thanksgiving turkey dinner.

ANSWER: Norman Percevel Rockwell

<u>Tossup</u>: A red jug and two onions lie next the bench on which the title guitarist sits in this artist's painting *The Spanish Singer*. He depicted a large group of people, including author Charles Baudelaire (boh-duh-"lair"), enjoying a concert in the title Paris garden in the painting *Music in the Tuileries* (TWEE-luh-ree). In a better known painting, a black cat stands at the feet of a reclining, nude woman who is being offered a bouquet of flowers by a black servant. Another of his works shows a nude woman sitting in the woods with two fully-clothed men during the title meal. Name this French artist of *Olympia* and *The Luncheon on the Grass*.

ANSWER: Edouard Manet (ayd-wahr maa-nay) [do not accept or prompt on "Monet"]

#### Life Science: Answer the following about organisms that are neither animals nor plants.

<u>Team A</u>: The mycelium (MY-"sell"-ee-um) of a fungus is formed of these tiny structures, which constitute most of the growth of fungi.

ANSWER: **hyphae** (HYE-fee) or **hypha** 

<u>Team B</u>: Fungi, like animals but unlike plants, are this kind of organism, which does not obtain its energy directly from carbon or the Sun. The name of this kind of organism comes from the Greek for "different" and "nutrition."

## ANSWER: hetero trophs

<u>Tossup</u>: Fuco xanthin (FOO-koh-zan-thin) is found in some of these non-hetero dont (het-UR-oh-dahnt) organisms, which use a structure called a pneumato cyst ("new-MAT"-oh-sihst), or "flotation bladder," to stay afloat. One type of these organisms creates floridean starch, which notably lacks amylose. Biology labs often use agar (AH-ger), which is a material derived from these organisms. Toothpaste contains carrageenan (CAR-uh-gee-nihn), which is a gel derived from these organisms. The "blue-green" type of these are actually bacteria. Name these organisms exemplified by kelp and seaweed.

ANSWER: <u>algae</u> [accept brown <u>algae</u>; prompt on "protist(s)" or "seaweed"]

## World Literature: Name these British playwrights.

<u>Team B</u>: This author of the play *The Massacre at Paris* wrote a two-part play about a title 14th century Asian emperor entitled *Tamburlaine the Great*.

ANSWER: Christopher **Marlowe** [or Kit **Marlowe**]

<u>Team A</u>: The screenplay to the film *Shakespeare in Love* was written by this playwright, who is best known for a play in which the two, title Shakespearean characters conduct 92 straight coin flips that come up "heads."

ANSWER: Sir Tom **Stoppard** [or Tomas **Straussler**]

<u>Tossup</u>: This man was arrested for co-writing a play with John Webster and George Chapman entitled *Eastward Hoe*. The title character of one of his plays pursues the rich widow Dame Pliant after being recruited into a scam by the butler Jeremy. The title character of another play by this author is served by the "parasite" Mosca. At the opening of one play by this author, Lovewit leaves London and the conman Subtle tricks Sir Epicure Mammon into giving him the Philosopher's Stone. "The Fox" is the title character of one play by what 17th century author of *Volpone* and *The Alchemist*?

ANSWER: Ben **Jonson** [or Benjamin **Jonson**]

#### U.S. Government/Economics: Answer the following related to market failures.

<u>Team A</u>: Market failure often occurs when competing firms form this kind of agreement in which the production of an item and its price are fixed.

ANSWER: cartels

<u>Team B</u>: Cartels are basically this kind of situation in which there are few sellers of a particular good. A special case of this situation in which there are only two sellers is called a duopoly.

ANSWER: **oligopoly** [or **oligopolistic** market]

<u>Tossup</u>: In the absence of market failure, the competitively perfect market creates a distribution of wealth named for this economist. He wrote such books as "The Use of Force in Society." This economist's namesake logarithmic index measures the distribution of income inequality. This man coined the term ophelimity (OH-fel-ihm-it-ee) to refer to economic satisfaction. According to this man's namesake principle, 80 percent of the work is done by 20 percent of the working population. Name this Italian social scientist and economist.

ANSWER: Vilfredo Federico Damaso <u>Pareto</u> [accept <u>Pareto</u> distribution or <u>Pareto</u> index or <u>Pareto</u>'s principle or <u>Pareto</u>'s rule]

## Physical Science: Answer the following about a branch of physics.

<u>Team B</u>: Phenomena such as "period doubling" characterize these physical systems, in which a small change in initial conditions changes the effects dramatically.

ANSWER: chaos theory

<u>Team A</u>: Chaos theory is often analogized to an effect in which the movement of this animal creates large effects that cannot be predicted.

ANSWER: **butterfly** or **butterflies** [accept **butterfly** effect]

<u>Tossup</u>: A classic example of chaos is the "double" form of these objects. Simeon-Denis Poisson (pwah-SOHN) created a formula in which the mass of a gun is summed with the mass of one type of this object. At least two of these objects comprise the device known as Newton's Cradle, which is used to illustrate the conservation of momentum. It is common to experimentally determine a bullet's momentum by using a "ballistic" one of these devices. These devices are comprised of a weight suspended on a pivot. Name these swinging devices seen in grandfather clocks.

ANSWER: **pendulum** [accept double **pendulum** or ballistic **pendulum**; prompt on "oscillator" or "simple harmonic oscillator"]

## World Geography: Give the following related to North American geography.

<u>Team A</u>: The Nelson River drains this Canadian lake, which is a remnant of Lake Agassiz (AG-uh-see) that is connected to the Lake of the Woods by a namesake river.

ANSWER: Lake Winnipeg

<u>Team B</u>: The southern portion of Chetumal (cheh-too-MALL) Bay is controlled by this country, a former British colony that is the only Central American nation in which English is the official language.

ANSWER: Belize (buh-LEEZ)

<u>Tossup</u>: One point of interest in this state contains a formation called the Devil's Golf Course. This state's "17-Mile Drive" travels past an iconic tree known as the "Lone Cypress." In 2013, Pinnacles National Park was created in this state, where Mono Lake is just north of the source of the San Joaquin (wah-KEEN) River. Lassen Peak, the General Sherman Tree, and Half Dome are points of interest within national parks in this state, which controls the western side of Lake Tahoe. America's lowest point is within Death Valley in what western state that contains Yosemite National Park?

ANSWER: California

## U.S. History: Give the following related to presidential assassination attempts.

<u>Team B</u>: Francis Scott Key was the prosecuting attorney against Richard Lawrence after his failed attempt to assassinate this president while he was leaving the funeral of Congressman Warren Davis. This president was the first to endure an assassination attempt.

ANSWER: Andrew Jackson

<u>Team A</u>: In his attempt to kill Ronald Reagan, John Hinckley Jr. inadvertently shot and partially paralyzed this White House Press Secretary, whose name later graced a "handgun violence prevention act" passed in 1993.

ANSWER: Jim <u>Brady</u> [or James Scott <u>Brady</u>; accept <u>Brady</u> Law or <u>Brady</u> Handgun Violence Prevention Act or <u>Brady</u> Bill]

<u>Tossup</u>: This president's order for Charles Sawyer to seize private mills was declared unconstitutional in the so-called "Steel Seizure Case." Puerto Rican nationalists attempted to assassinate this man while he stayed at the Blair House during a reconstruction of the White House. This president issued the executive order which desegregated the U.S. Armed Forces, and his veto failed to prevent the passage of the Taft-Hartley Act. In one election, the *Chicago Daily Tribune* incorrectly stated that he was defeated by Thomas Dewey. Name this presidential successor to Franklin Roosevelt.

ANSWER: Harry S. Truman

## Alphabet Round - Letter R

- 1. The Capitol building uses one of these plans, which feature a circular layout that is usually covered by a dome.
- 2. (NAME AND REGNAL NUMBER OR NAME AND EPITHET REQUIRED) 14th century Scottish king who won the Battle of Bannockburn during the War of Scottish Independence.
- 3. (MULTI-WORD ANSWER) The rise and fall of the son of a carpenter named Julien Sorel is described in this realist novel by Stendhal.
- 4. The theorem named for this Frenchman states that for a continuous function f defined on an interval [a,b], if f(a) = f(b), there exists some point within that interval where the derivative of f equals zero.
- 5. Founder of the Bible Student movement, from which the Jehovah's Witnesses faith emerged.
- 6. European dynasty that was established in 862 and ruled Russia until the 1598 death of Ivan the Terrible's son, Feodor I.
- 7. (MULTI-WORD ANSWER) Desert at the south end of the Arabian Peninsula also known as "The Empty Quarter."
- 8. **(TWO WORD ANSWER)** According to Gustav Freytag's theory of plots, this phase of a story comes after the exposition and before the climax.
- 9. Sea anemone often have this kind of symmetry, whose "penta-" form is often possessed by starfish.
- 10. (TWO WORD ANSWER) Rebellion of the 1350s and 1360s which led to the overthrow of China's Yuan Dynasty.
- 11. 18th century English portraitist who served as the first president of the Royal Academy of Arts.
- 12. This amateur philosopher promoted an individualist philosophy called objectivism, which she discussed in such books *The Virtue of Selfishness*.
- 13. **(MULTI-WORD ANSWER)** Part of this novel is set in a *pensione* in Florence, where Lucy Honeychurch is offered the title accommodation by Mr. Emerson and George.
- 14. This unit is used to measure ionizing radiation. It is named after the man who discovered X-rays.
- 15. Johann Blumenbach posited five types of this concept, two of which were Mongoloid and Caucasoid.
- 16. Colony in which Virginia Dare became the first English child born in the Americas.
- 17. Meaning to "search out," these are musical pieces popular in the Renaissance that consists of permutations of a theme. Two of them are included in *The Musical Offering*.
- 18. (MULTI-WORD ANSWER) This story, published in *The Sketchbook of Geoffrey Crayon*, concerns a man who, with his dog Wolf, encounters the spirits of Henry Hudson's crew in the mountains.
- 19. For a harmonic oscillator, this is the force that brings the object back to the initial, mean position after it has been displaced.
- 20. Titan from Greek myth who was married to Cronus and bore Zeus.

#### **Alphabet Round – Letter R Answers**

- 1. rotunda
- 2. <u>Robert</u> the <u>Bruce</u> [or <u>Robert I</u> of Scotland] (NAME AND REGNAL NUMBER OR NAME AND EPITHET REQUIRED)
- 3. The <u>Red and the Black</u> [or The <u>Red and the Black</u>: A Chronicle of the 19th Century or Le <u>Rouge et le Noir</u>: Chronique de XIX. Siecle; accept <u>Red and Black</u>] (MULTI-WORD ANSWER)
- 4. Michel **Rolle** [accept **Rolle**'s theorem]
- 5. Charles Taze Russell
- 6. **Rurik** Dynasty [accept **Rurikid**s]
- 7. Rub' al Khali (roob "all" KHAH-lee) [accept Al-Rab' al-Khali] (MULTI-WORD ANSWER)
- 8. rising action (TWO WORD ANSWER)
- 9. radial symmetry
- 10. **Red Turban** Rebellion or **Red Turban** Revolt (**TWO WORD ANSWER**)
- 11. Sir Joshua Reynolds
- 12. Ayn **Rand** [or Alisa Zinov'yevna **Rosenbaum**]
- 13. A Room with a View (MULTI-WORD ANSWER)
- 14. <u>roentgen</u> or <u>rontgen</u> ("RENT-gin" or "RUNT-gin") [accept Wilhelm Conrad <u>Rontgen</u>]
- 15. human races
- 16. Roanoke (ROH-uh-nohk) Colony
- 17. ricercar (ree-chur-KAR) [or ricercare or recercar or recercare or ricarceri]
- 18. "Rip van Winkle" (MULTI-WORD ANSWER)
- 19. **restoring** force
- 20. **Rhea** (RAY-uh) [do not accept "Rhea Silvia"]

#### **Lightning Round**

1. When these substances have a low zeta potential, they can be destabilized via coagulation or flocculation. The Tyndall effect is a light scattering effect observed in these substances, which are exemplified by (\*) emulsions, such as milk. One substance evenly dispersed in another comprises these mixtures, examples of which include shampoo and gels. Name these mixtures contrasted with solutions and suspensions.

ANSWER: **colloid**s [prompt on "emulsions" before (\*)]

2. This body of water borders the sacred Shamanka (shuh-MAHNK-uh) Rock, which is found on Olkhon (OHL-kun) Island. The Buryat (bur-YAHT) people are native to the area around this body of water, which is home to a namesake freshwater species of seal. Just to the west of this lake is the source of the Lena River. This lake is emptied by the Angara (ahn-GAH-ruh) River, which flows through the city of Irkutsk (eer-KOOTSK). This most voluminous lake in the world is just north of the border of Mongolia. Name this deep Russian lake found in Siberia.

ANSWER: Lake **Baikal** ("bye"-KAHL) [or Ozero **Baikal**]

3. In one novel by this author, Liz van den Sandt finds the title lifestyle to be morally reprehensible. In another of this writer's novels, the imprisoned activist Lionel is the daughter of the title character, who is a physical therapist named Rosa. This author of *The Late Bourgeois* (boor-ZHWAH) *World* wrote a novel in which the title character serves the Smales (smaylz) family through a fictional war caused by the apartheid system. *Burgher's Daughter* and *July's People* are novels by what South African female author?

ANSWER: Nadine Gordimer

4. Stanislaw II ("the 2nd") August became King of Poland largely due to the support of this ruler. This monarch endured the destruction of Kazan while fighting a rebellion against Yemelyan Pugachev (YEH-mel-"yawn" POO-guh-cheff). Austria and Prussia teamed with this ruler to partition Poland three times. Grigory Potemkin (poh-TEM-"kin") was one of many lovers of this ruler, who came to power by usurping her husband Peter III ("the 3rd") in 1762. Name this empress of Russia nicknamed "the Great."

ANSWER: <u>Catherine the Great</u> [or <u>Catherine II</u> of Russia or <u>Yekaterina Velikaya</u> or <u>Yekaterina II</u> or Sophie Friederike Auguste von <u>Anhalt-Zerbst</u>-Dornburg; prompt on "Catherine" or "Yekaterina"]

5. This opera ends with a character telling a story about a man asking his lover to "measure the waters of the ocean with a teaspoon." It is the first entry in its composer's "portrait trilogy," whose other entries depict the Egyptian pharaoh Akhenaten (AH-ken-AH-tun) and Indian leader Mohandas Gandhi. This opera is punctuated with "knee plays" and features scenes set in a spaceship. Name this largely plotless opera that was composed by Philip Glass and named for a German scientist.

ANSWER: Einstein on the Beach

- 6. A variety of this rock named for the island of Purbeck has not actually undergone metamorphosis but rather just an extensive polishing process. This non-foliated metamorphic rock can be found in anthraconite, which is a type of stinkstone. Calcium, dolomite, or limestone that has undergone extreme heat and pressure transformations is the basis for this rock. Name this metamorphic rock that is often used to create sculptures and generally colored white.

  ANSWER: marble
- 7. A type of alchemy named for this religion treats cinnabar as a source of "inner" energy. In this religion, a triad of deities called the "Three Pure Ones" are said to manifest from this religion's source of energy. The *Zhuangzi* (ZHWAHNG-zee) is a central text to this religion, which emphasizes a philosophy of non-action called "wu wei" (woo way). Lao Tzu ("loud" zoo) was the founder of what Chinese religion whose name translates as "The Way?" ANSWER: <u>Tao</u>ism [or <u>Dao</u>ism; accept <u>Taoist</u> or <u>Daoist</u>]
- 8. In one work by this author, a patient named Gromov and Andrey Ragin, a doctor in charge of an asylum, have a debate about justice. This author of the short story "Ward No. ("number") 6" wrote a play in which Serebryakov (sair-REB-yuh-KOFF) fires his gun at the title character but misses. Another play by this author is set at Madame Ranevskaya's (rahnev-"SKY"-uhz) estate, where Lopakhin (lah-PAH-kin) orders the title objects to be chopped down. Name this Russian author of *Uncle Vanya* and *The Cherry Orchard*.

ANSWER: Anton Pavlovich Chekhov (CHEH-kawf)

9. One side in this conflict utilized a group of spies known as the Culper Ring. During this war, the Newburgh Conspiracy was suppressed by a leader who was earlier opposed by the Conway Cabal. Banastre Tarleton ("bannister" TARL-tun) was decisively defeated by Daniel Morgan at the Battle of Cowpens in the Southern Theater of this war, which also saw fighting by the "Swamp Fox," Francis Marion. Name this war that ended with the surrender of Lord Cornwallis at Yorktown.

ANSWER: <u>American Revolution</u> [or American <u>Revolutionary</u> War or War of <u>American Independence</u>]

10. This artist created an unfinished painting of George Sand and Frederick Chopin (fray-day-REEK shoh-PAN) that was split into two portraits after his death. In one of his works, a hookah is used by three seated concubines of an African harem. This artist of *The Women of Algiers* (al-JEERZ) is best known for a painting in which the title figure is flanked by a man in a top hat holding a rifle and a boy wielding two pistols. Name this French painter who depicted a bare-breasted woman holding a flag in *Liberty Leading the People*.

ANSWER: Eugene **Delacroix** (00-ZHEN duh-luh-KWAH) [or Ferdinand Victor Eugene **Delacroix**]

11. Taylor expanding this quantity about a minimum is done to approximate a system as a harmonic oscillator. Force can be written as minus the gradient of this quantity, which is divided by charge to give voltage. Mass times little g times height equals its "gravitational" form. A capital V or U symbolizes what quantity that is a type of energy derived from an object's position?

ANSWER: **potential energy** [accept gravitational **potential energy**; prompt on "energy"; do not accept or prompt on "potential"]

12. Description acceptable. Following this event, several searches were carried out in Seccombe (SEH-"comb") Lake. Enrique Marquez Jr. was charged in connection to this event, which ended with a shootout in a black Ford SUV. In the aftermath of this event, Donald Trump proposed a ban on all Muslims entering the U.S. In February 2016, Apple issued an open letter defending their refusal to hack into the iPhone of one of its perpetrators, Syed Farook (sy-ED fuh-RUKE). Name this December 2015 mass shooting by married terrorists in a California city.

ANSWER: <u>San Bernardino attack</u> [accept clear knowledge equivalents which mention <u>San Bernardino</u> and the notion of a terrorist <u>attack</u>]

13. John Stuart Mill called this man's principle that the value of land is always equal to its greatest use to be the "bridge of donkeys" of economics. This author used the example of cloth and wine in Great Britain and Portugal to illustrate his belief that international trade is always beneficial. The *Principles of Political Economy and Taxation* was authored by what British economist who came up with the concept of comparative advantage?

ANSWER: David Ricardo

14. One character in this novel is surprised to learn that a bottle inside a paper bag is not actually whiskey, but rather Coke. Another character in this novel is attacked while dressed in a ham costume but ultimately saved by the recluse "Boo" Radley. In 2015, *Go Set a Watchman* was released as the sequel to this book, which is narrated by Scout, the daughter of attorney Atticus Finch. Name this coming of age novel by Harper Lee.

ANSWER: To Kill a Mockingbird

15. This country was the site of the Simele (sih-MEL) massacre shortly before the ascension of King Ghazi (GAW-zee). The July 14 Revolution of 1958 included the execution of its last king, Faisal II (FYE-sahl "the 2nd"). A more recent leader of this nation attacked Halabja (huh-LAHB-juh) with chemical weapons to wipe out Kurdish civilians during a 1980 to 1988 war with Iran. That same leader of this nation was deposed when the U.S. invaded in 2003 in search of weapons of mass destruction. Named this Middle East nation once ruled by Saddam Hussein.

ANSWER: Republic of **Iraq** [or Jumhuriyat al-**Iraq**; accept Kingdom of **Iraq**]

16. A syndrome named for this structure features people with macro-orchidism, large ears, and often mental retardation. Calico cat fur color is partly determined when one of these structures is de activated. During lionization (lye-uh-nuh-ZAY-shun), one of these structures becomes a Barr Body. An extra one is present in individuals stricken with Klinefelter syndrome, while Turner syndrome results when an individual only has one of these. Name this sex (\*) chromosome which appears twice in women and once in men.

ANSWER: X chromosome [prompt on "chromosome" or "sex chromosome" before (\*)]

- 17. Much of Edgard Varese's *Ameriques* was inspired by this musical work, which was premiered by Sergei Diaghilev's (dee-AH-gee-lefz) company. Giacommo Puccini called its composer "insane" for writing this piece. A bassoon played at a very high register opens this work's first part, "The Adoration of the Earth." Its second part features a virgin dancing herself to death. A riot nearly occurred during the Paris premiere of what 1913 avant-garde ballet by Igor Stravinsky? ANSWER: *The Rite of Spring*: *Pictures of Pagan Russia in Two Parts* [or *Le Sacre du printemps* or *Vesna svyashchennaya*
- 18. In one myth, a group of these animals is killed by utilizing an instrument known as *krotala* (kroh-TAH-luh). Zeus takes the form of this animal to kidnap Ganymede (GAN-ee-meed). The sixth labor of Heracles ("HAIR"-uh-cleez) involved killing animals of this type from Stymphalia (stihm-PHAH-lee-uh). As an eternal punishment, one animal of this type arrives daily to eat the liver of Prometheus (proh-MEE-thee-uss). One type of this animal often accompanies the goddess Athena and symbolizes wisdom. Name this type of animal, exemplified by the mythical phoenix. ANSWER: **birds** [accept Stymphalian **birds** or **eagle** or **owl**]
- 19. While meeting at the bell tower of a ruined church, this novel's protagonist tells his lover "We are the Dead." After this novel's protagonist is arrested, he meets Parsons, who was turned in by his own children for speaking out against Oceania in his sleep. After O'Brien uses rats to torture him in the Ministry of Love, Winston Smith realizes that he loves Big Brother at the end of this novel. Name this dystopian novel by George Orwell.

ANSWER: Nineteen Eighty-Four or 1984

20. During this event, William Bodziak identified footprints that were made by Bruno Magli (MAH-lee) shoes. Lance Ito (EE-toh) oversaw this event, which included the playing of tapes in which Mark Fuhrman (FER-mihn) repeatedly used the "N" word. During this event, the phrase "if it doesn't fit, you must acquit" was spoken by defense attorney Johnny Cochran ("COCK"-rihn). Name this 1995 event in which a former NFL player was acquitted of charges related to the death of ex-wife Nicole Brown.

ANSWER: Orenthal James <u>Simpson murder trial</u> [accept <u>O.J.</u> Simpson <u>murder trial</u>; accept clear knowledge equivalents which mention <u>O.J.</u> or <u>Simpson</u> and the notion of a <u>trial</u> for <u>murder</u>; prompt on partial answer]