

Wolfie Bowl

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Packet 7

1. **In a tweet, this politician thanked Fox News for displaying a graphic reading “Get used to me slaying.” In response to a video of her in college that was posted on Twitter, this woman shared a clip of herself (*) dancing outside her Congressional office. Recently this woman spoke out against Ted Yoho for his offensive behavior towards her. She defeated Democrat Joe Crowley and legislated for the Green New Deal. For 10 points, name this youngest woman elected to Congress, a representative of New York.**

ANSWER: Alexandria Ocasio-Cortez

2. **These entities can be controlled by the premature termination of transcription in a process called attenuation. One type of this entity codes for enzymes of (*) tryptophan. These entities contain structural genes that are arranged under a promoter which is recognized by RNA polymerase. Repressors in this entity binds to a segment of DNA called the operator. For 10 points, name these sequences that regulate gene expression like in the trp [trip] and lac [lack] kinds.**

ANSWER: operon(s)

3. **In one work, this person wrote wished “thy ev’ry action let the Goddess decide / A crown, a mansion, and a throne that shine.” This poet wrote many elegies, the most famous of which was for (*) George Whitefield, and also wrote a collection called Poems on Various Subjects, Religious and Moral. For 10 points, name this American woman who authored “To His Excellency, George Washington,” and “On Being Brought From Africa to America.”**

ANSWER: Phyllis Wheatley

4. **This man designed the Morton H. Meyerson Symphony Center in Dallas and the Miho Museum in Japan. This alumni of MIT designed the Cecil and Ida Green Building. This architect led his namesake failed plan to redevelop Oklahoma City and designed the (*) Mile High Center in Denver, Colorado. This architect was met with controversy over his design of a glass pyramid with 666 panes outside a Paris museum. For 10 points, name this Chinese American architect of the John F. Kennedy Library and the entrance to the Louvre.**

ANSWER: I.M. Pei

5. **In late 2017, a pipeline was constructed to transport oil from the Bakken formation in this state. The geographic center of North America is near this state’s city of Rugby. This state’s (*) Garrison Dam was built in the 1950’s. Benjamin Harrison purposely shuffled statehood documents so that no one would know if this midwestern state or its similarly named southern neighbor was admitted first. For 10 points, name this U.S. state that includes cities Fargo and Bismarck.**

ANSWER: North Dakota

6. **Edward Coke used this document to argue for the divine right of kings. This document acquired its name to distinguish it from the Charter of the Forest. Preceding this document was the Battle of the Bouvines and Pope Innocent III later annulled this document, leading to the (*) First Barons' War.** Archbishop of Canterbury, Stephen Langton, drafted this document and it was signed at Runnymede in 1215. For 10 points, name this charter of rights that checked the English monarchy, signed by King John.

ANSWER: Magna Carta Libertatum (accept Great Charter of Freedoms)

7. **A fluorescent screen was used in this experiment that Hans Gieger and Ernest Marsden took part in. In this experiment, radon-222 was used in a glass tube that was plugged with mica. A screen of zinc sulfide was used in this experiment to detect the impact of (*) alpha particles that were shot through a sheet of thin metal.** For 10 points, name this experiment that concluded that atoms have a dense positive center and are mostly empty space, directed by Ernest Rutherford.

ANSWER: gold foil experiment (accept "Rutherford experiment" or "Geiger-Marsden experiment" before it is read)

8. **David Hume criticized this concept, stating that factions undermine it. This concept prevents a "state of nature," and according to John Locke, a community has the right to form a new (*) government if this concept is violated.** This concept describes a mutual agreement in which individuals surrender some of their rights in exchange for the government's protection of other rights. For 10 points, name this concept that titles a book by Jean-Jacques Rousseau.

ANSWER: social contract

9. **In this U.S. presidential election, Charles C. Pinckney received 64 electoral votes, one less than the incumbent candidate. This election is considered to be the first peaceful transfer of power from one party to another in American history. James Bayard of Delaware (*) switched his electoral vote,** thus breaking the tie between Aaron Burr and Thomas Jefferson and making Jefferson president. For 10 points, name this U.S. presidential election in which Jefferson defeated incumbent John Adams.

ANSWER: United States presidential election of 1800

10. **One character in this novel yells "Life is scientific... unless we get frightened of people!" Characters in this novel are disturbed by images in the water, but one character dismisses it as "golden reflections." Two characters discover a (*) "beast" which Simon reveals is just a dead parachutist.** At the end of this novel, the conch is broken when Roger kills Piggy by throwing a boulder on his head. For 10 points, name this William Golding novel about stranded English schoolboys on an island.

ANSWER: Lord of the Flies

11. **Hilt's law describes how the depth of this material affects its rank. This substance is hydrogenated in the Bergius process. The lowest rank of this substance is lignite with other types called (*) bituminous and anthracite.** This material that can be mined from seams named for this substance. For 10 points, name this rocky natural resource derived from dead plant matter.

ANSWER: coal

12. **Prior to this event, a radio station broadcasted a message saying “cut down the tall trees.” Romeo Dallaire attempted to prevent this event with help from (*) the U.N., but his efforts were shot down. The failures of Operation Turquoise and the Arusha Accords allowed for this Interahamwe perpetrated event to occur. The assassination of President Habyarimana directly led to this 1994 event. For 10 points, name this mass killing and rape of Tutsis, Twas, and moderates by Hutu extremists.**

ANSWER: Rwandan genocide

13. **In this musical, Ruth fails to appoint the protagonist as a ship’s pilot because she is hard of hearing. In act II of this musical, the protagonist realizes he has to return to his apprenticeship since he is born on a (*) leap day and has not had 21 birthdays yet. Frederic falls in love with Mabel, the daughter of Major-General Stanley in this musical. For 10 points, name this musical that includes the patter song “I am the very model of a modern major general” by Arthur Sullivan and W.S. Gilbert.**

ANSWER: The Pirates of Penzance

14. **Henry Garnett allegedly learned of this event after hearing it in a confession. Lord Montague discovered this event after receiving an anonymous letter telling him not to attend Parliament on (*) November 5th. This event is still commemorated today on Bonfire Night. This conspiracy attempted to blow up the House of Lords as well as assassinating King James I. Robert Catesby led and Guy Fawkes was involved in, for 10 points, what 1605 British conspiracy plot?**

ANSWER: Gunpowder Plot (accept Gunpowder Treason Plot or Jesuit Treason) ;Jade;

15. **A matrix whose determinant equals this number implies that the matrix is non-invertible. The derivative of a function describing a parabola equals this number when evaluated at its (*) local minimum or maximum. In the xy-plane, a line whose slope equals this number is constant-valued, and the coordinates of the origin are always this number. For 10 points, name this number that cannot be divided by.**

ANSWER: zero

16. **One poet wrote that this concept “is so short, forgetting is so long,” after having lost it in a poem which begins “tonight I write the saddest lines.” In another poem named for this concept, the speaker calls the reader to go together “like a patient etherised upon a table.” That poem describes this concept as a song type of (*) J. Alfred Prufrock [Proofrock]. This concept does not “alter when it alteration finds” in a poem by William Shakespeare. For 10 points, name this frequent subject of odes, the opposite of hate.**

ANSWER: love

17. **During this war, the ship Haimun was sent into war zones for a London newspaper. After being damaged in this war’s first battle, the Retizvan ship led a charge in the Battle of the Yellow Sea. The losing side was blockaded at (*) Port Arthur and was later defeated at Tsushima Strait by Togo Heihachiro. Theodore Roosevelt helped negotiate the Treaty of Portsmouth which ended this war. For 10 points, name this early 20th century war fought in which an Asian island country defeated a European power.**

ANSWER: Russo-Japanese War or Japanese-Russian War

18. **In a play in this language, a character repeats “poor man” and later that character hides under a table in an effort to catch the title character seducing Elmire. Another play in this language, has its characters arrive at a (*) Second Empire style room with the inability to blink. That play in this language is set in the afterlife and states that “hell is other people.” The plays *Tartuffe* by Molière and *No Exit* by Jean Paul Sartre are in, for 10 points, what language?**

ANSWER: **French**

19. **A mineral made of calcium and this element is often added to metals to lower their melting points for smelting. An acid of hydrogen and this element can dissolve glass. Compounds made of this element and carbon were previously as refrigerants, but have been since banned because they contribute to (*) ozone depletion. This element in Teflon has compounds that are used in drinking water and toothpaste to prevent cavities. For 10 points, name this most reactive element with symbol F.**

ANSWER: **fluorine** (prompt on “fluoride,” “fluorite”)

20. **A ritual of this holiday involves throwing bread into a body of water to release one’s sins. Some groups recite the selichot prayers on the Saturday before this holiday. Customs for this holiday include eating pomegranates and dipping (*) apples into honey. The shofar is blown at least 30 times on this holiday that precedes Yom Kippour. For 10 points, name this first holiday of the Jewish High Holy Days which celebrates the start of the Jewish new year.**

ANSWER: **Rosh Hashanah** (prompt on “Jewish new year” before it is read; prompt on “New Year” alone)