

Wolfie Bowl

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Packet 14

1. **Opposition to this man led to the creation of the Patriot Boys party by William Pulteney. This man rose to power with the collapse of the South Sea Company and he gained the nickname (*) “Screen Master” for covering up corruption scandals. Under King George I, this man exposed Francis Atterbury’s plot and established control over the Whig dominated Parliament. This man resigned after British defeat in the War of Jenkins’ Ear. For 10 points, name this first prime minister of Great Britain.**

ANSWER: Sir Robert Walpole

2. **In 1912, the Suwa no Chaya tea house was rebuilt in this city after it moved to the Akasaka Palace. One tower in this city became the tallest in the world in 2011. This city is part of the Keihin industrial zone, which also includes the cities (*) Kawasaki and Yokohama. Another structure in this city is a shrine dedicated to Emperor Meiji. Previously the seat of the Tokugawa shogunate, this city was originally named Edo. For 10 points, name this capital of Japan.**

ANSWER: Tokyo

3. **In a poem by this man, the speaker dreams of “Ledaean body, bent/Above a sinking fire. In another poem by this author of “Among School Children,” the speaker states “an aged man is but a paltry thing” before stating “that is no country for (*) old men.” This poet wrote “a terrible beauty is born” in one poem and wrote of a “rough beast slouch[ing] toward Bethlehem to be born” in another. For 10 points, name this poet of “Easter, 1916” and “The Second Coming.”**

ANSWER: William Butler Yeats [Yates]

4. **Two participants in this event, E. Howard Hunt and G. Gordon Liddy, were also involved in the White House Plumbers. Mark Felt provided information about this event under the code name Deep Throat, and collaborated with (*) Bob Woodward and Carl Bernstein to publicize information about it. The Saturday Night Massacre was a direct result of the fallout from this event. For 10 points, name this event in which burglars involved with President Nixon attempted to break into the DNC headquarters.**

ANSWER: Watergate scandal

5. **These substances are most effective when they are at an intermediate value of heat of adsorption according to the Sabatier principle. The relationship between diffusion rate and reaction of these substances is expressed in the Thiele modulus. These substances can be deactivated by (*) poisoning. Heterogeneous substances of this type are a different phase than reactants. Biological examples of these substances are enzymes. For 10 points, name this substance that a reaction’s activation energy.**

ANSWER: catalyst(s) (do not accept or prompt on “enzymes”)

6. **This man largely instructed John Jay in the latter's negotiations with Great Britain and these instructions became Jay's Treaty. This man wrote under the name (*) Publius in the Federalist Papers. After engaging in an affair with Maria Reynolds, this man was bribed by her husband. This man threw away his shot in a duel with Aaron Burr that ultimately led to this man's death. For 10 points, name this Founding Father on the \$10 bill who was the first Secretary of the U.S. Treasury.**

ANSWER: Alexander Hamilton

7. **Molar mass divided by density multiplied by this quantity raised to the one fourth power is the parachor. Laplace's law describes pressure differences in two fluids due to this phenomenon. Reducing this quantity in pulmonary fluid, can make (*) surfactants prevent collapse of the lungs. This phenomenon is caused by cohesive forces and it creates a meniscus in liquid in a tube. This phenomenon allows some insects to walk on water. For 10 points, name this phenomenon that minimizes surface area in liquids.**

ANSWER: surface tension (prompt on partial answers)

8. **This psychologist developed a concept in which a "shadower" receives words from a "source" via a radio. This man conducted an experiment that studied the average pathway length of human social networks which formalized the (*) six degrees of separation concept. In another experiment by this man, participants called teachers were urged to give electric shocks to learners. For 10 points, name this psychologist who famously studied obedience to authority in his shock experiment.**

ANSWER: Stanley Milgram

9. **This compound is used with zinc chloride to classify alcohols in Lucas' reagent. It can be used to pickle metals and can produce a compound used in PVC plastics. This compound along with a zing amalgam is used to reduce aldehydes or ketones to hydrocarbons in a (*) Clemmenson reduction. Aqua regia is a mixture of nitric acid and this compound which is a component of gastric acid secreted by the stomach. For 10 points, name this strong acid with the symbol HCl [H-C-L].**

ANSWER: hydrochloric acid (accept "HCl" before it is read)

10. **This figure's daughter survived a great flood after marrying Deucalion. This woman received a garland crown from Horae, jewelry from the Charites, as well as the ability to sew from Athena. This wife of (*) Epithemes was created from clay by Hephaestus and her creation was punishment for humanity after Prometheus stole fire from the gods. For 10 points, name this Greek mythological woman who released evils into the world by opening a box.**

ANSWER: Pandora

11. **After being released from prison, this character works as a seamstress and sews gloves for Governor Bellingham. This character refuses an invitation to a forest witch meeting from Mistress Hibbins. The husband of this (*) New England woman poses as the deformed physician Roger Chillingworth. This mother of Pearl, engaged in an affair with Arthur Dimmesdale. For 10 points, name this character who wears a red symbol representing adultery in *The Scarlet Letter*.**

ANSWER: Hester Prynne (accept either underlined portion)

12. **These cells are the subject of the Hodgkin-Huxley model and they contain granular clumps involved in protein synthesis called Nissl bodies. The plasticity of these cells is exemplified in (*)** long term potentiation. Depending on their location, these cells are covered in Schwann or oligodendrocytes both of which are glial cells. Gaps in the myelin sheath allow for saltatory conduction of action potentials between these cells. For 10 points, name these cells of the nervous system.

ANSWER: **neurons** or nerve cells

13. **The first degree of this musical theory term is called tonic while the fifth degree is called dominant. The chromatic type of this musical theory term includes every note between two endpoints. Diatonic (*)** varieties of this musical term have seven notes between octaves and follow a repeating pattern of whole steps and half steps. Natural, harmonic, and melodic are variants of the minor kind of this musical theory term. For 10 points, name this set of notes that come in major and minor varieties.

ANSWER: **scale(s)**

14. **In one episode of this television series, Old Man Walker mistakes the title character for a box of Bran Flakes. In another episode, Tom chases two characters while screaming the word (*)** “chocolate.” In one scene of this show, it is asked if mayonnaise is an instrument. The title character sings “Gary, Come Home” and works as a fry cook at the Krusty Krab alongside Squidward Tentacles. For 10 points, name this animated series that takes place in the Bikini Bottom.

ANSWER: **Spongebob** Squarepants

15. **One leader of these people once stole three women from his dead brother, Zaca. Another leader of these people allied with the poet of the “Flower Songs” to defeat the Tepanecs and create a (*)** “Triple Alliance.” These people attacked an army escaping with their gold in La Noche Triste after the death of their leader. That leader, Cuauhtémoc, was killed by the followers of Hernán Cortés who invaded the land of, for 10 points, which people from Tenochtitlan formerly ruled by Montezuma II?

ANSWER: **Aztec(s)** ;Kate;

16. **In the painting, “Netherlandish Proverbs,” a woman drapes a cloak of this color on a man’s shoulders. Yves [Eve] Klein utilized this color in his monochromatic paintings which gave rise to his namesake (*)** shade of this color. During the Renaissance, the robes of Virgin Mary were often portrayed to be the ultramarine shade of this color. Thomas Gainsborough famously painted a young boy dressed in this color. Picasso painted The Old Guitarist during his artistic period named, for 10 points, what primary color?

ANSWER: **blue**

17. **This person assisted General La Hire at the Battle of Patay where they defeated John Fastolf. This person’s trial was reexamined by Pope Callixtus III in which this person was declared innocent 25 years after their death. This person who accompanied (*)** Charles VII to Reims for his coronation, was captured at Compiègne by the Burgundian faction. This woman was tried by Pierre Cauchon and was eventually burned at the stake at age 19. For 10 points, name this French woman who helped end the Siege of Orléans.

ANSWER: **Joan of Arc** or Jeanne d’Arc

18. **The protagonist of this novel buys a record for his sister, but then drops and shatters it in a park. That protagonist agrees to meet with a prostitute named Sunny, but only wants to talk to her, and later questions a cab driver about where (*) ducks migrate in the winter.** The protagonist of this novel proclaims that his brother is a phony for working in Hollywood and gives his red hunting hat to Phoebe. Holden Caulfield is the protagonist of, for 10 points, what novel by J.D. Salinger?

ANSWER: The Catcher in the Rye

19. **Assuming zero curl, this equation is obtained by integrating the Euler [oy-ler] equations for momentum and energy. A simplified version of this equation finds the sum of dynamic and static pressures. This equation explains the (*) Venturi effect, and, at constant pressure, simplifies to Torricelli's theorem.** This equation shows that an increase in speed of a liquid leads to a decrease in pressure. For 10 points, identify this law of fluid dynamics named for a Swiss mathematician.

ANSWER: Bernoulli's principle

20. **This poet wrote about "one luminary clock against the sky/that claimed that time was neither wrong nor right" in his "Acquainted with the Night." In another of his poems, "Eden [sinks] to grief" because "nothing gold can stay." He also wrote about his "promises to keep" in (*) "Stopping by Woods on a Snowy Evening." This poet describes taking "the road less traveled by" in a poem than begins "two roads diverged in a yellow wood." For 10 points, name this author of "The Road Not Taken."**

ANSWER: Robert Frost