

2020 SCOP B

Round 6

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Tossups

(1) **During a 1793 yellow fever outbreak in this city, Dr Benjamin Rush accidentally killed dozens of patients by treating them with bloodletting. William Howe captured this city in the aftermath of the Battle of (*) Brandywine, a victory that forced the Continental Congress to flee to nearby Lancaster. The Liberty Bell was originally located in this city's Independence Hall, which hosted the signing of the Declaration of Independence. For ten points, name this largest city in Pennsylvania.**

ANSWER: Philadelphia

(2) **This body's Sputnik Planitia and a possible impact crater on one of this body's five satellites, Nix, were observed by the *New Horizons* probe during a 2015 flyby. Eris has more mass but less volume than this (*) Kuiper [KYE-per] Belt object, whose orbit occasionally brings it closer to the Sun than Neptune. Styx, Kerberos, and Charon orbit, for ten points, what dwarf planet that, until 2006, was considered the ninth planet from the Sun?**

ANSWER: Pluto

(3) **This game series began with an N64 game featuring the character Tanukichi. In games in this series, the player can visit Harriet at Shampoodle, and can befriend Dr Shrunken and Digby. In a game in this series, players can use (*) Dodo Airlines to visit mystery islands and bring prized villagers like Beau and Raymond, a deer and a cat, back to an island owned by Tom Nook. For ten points, name this video game franchise whose most recent entry, *New Horizons*, exploded in popularity during COVID-19.**

ANSWER: Animal Crossing (accept Animal Forest or Dobutsu no Mori; accept Animal Crossing: New Horizons)

(4) **This instrument was played by the composers of *Blood on the Fields* and "A Night in Tunisia," who played a bent one of these instruments. This instrument was played by a musician who included "Flamenco Sketches" and "Freddie Freeloader" on his album (*) *Kind of Blue*, and by Wynton Marsalis and Dizzy Gillespie. Louis Armstrong was nicknamed "Satchmo" for playing this instrument with puffed cheeks. For ten points, name this three-valved brass instrument played by Miles Davis.**

ANSWER: jazz trumpet (accept cornet)

(5) **This author's *Hospital Sketches* fictionalizes this writer's time as a nurse in Georgetown. A novel by this author follows the lives of Rob, Teddy, Demi, and Desi, who are taught at Plumfield School by Professor Bhaer and his wife. (*) *Jo's Boys* is a sequel to a novel by this author in which the Hummel family's scarlet fever kills the kind Beth, devastating the other three March sisters during the Civil War. For ten points, name this American author of *Little Women*.**

ANSWER: Louisa May Alcott

(6) **The quandary of whether one could square this shape with a compass and straightedge was proven impossible in 1882. A conic section becomes this shape when the eccentricity drops to zero. The polar equation “ r equals one” graphs this shape, as does the standard equation (*) “ x squared plus y squared equals one”.** This shape can be determined uniquely by its center and radius. For ten points, name this shape whose area formula is pi times the radius squared.

ANSWER: circles

(7) **Oswald Rayner claimed to have killed this man, who had been accused of being a member of the Khlysty. By saying, “Do not allow the doctors to bother him too much,” this self-proclaimed mystic may have accidentally remedied Prince (*) Alexei’s hemophilia, earning Tsarina Alexandra’s respect and inspiring a 1916 event in which this man was poisoned, shot, and thrown into a river. For ten points, name this “Mad Monk” of early twentieth century Russia who advised Nicholas II [the second] before being comprehensively murdered.**

ANSWER: Grigori Yefimovich Rasputin

(8) **This device was essentially created by Ole Romer, who added his namesake scale markings to this laboratory device’s immediate predecessor. A “resistance” type of this can find the quantity measured by this device at very low values. The modern (*) “spirit” type of this device has a glass tube filled with alcohol, and replaced a variety that used mercury and was invented by Daniel Fahrenheit. For ten points, name these devices used to measure temperature.**

ANSWER: thermometer (accept thermoscope until “platinum” is read)

(9) **Writers with this surname described the death of the talking horse Falada, whose owner is tricked into becoming the title servant of “The Goose-Girl.” Writers with this surname described the struggles of (*) “Aschenputtel” and wrote about a queen’s plot to discover the name of a trickster who spins straw into gold. For ten points, the *Children’s and Household Tales*, a collection of German folktales that includes tellings of “Cinderella” and “Rumpelstiltskin,” were collected by Jacob and Wilhelm, brothers with what surname?**

ANSWER: Grimm (accept Jacob Grimm and/or Wilhelm Grimm; accept the Grimms or the Grimm brothers or the Brothers Grimm)

(10) **In the *Heims-kringla*, this Vanir deity taught the Aesir to use seithr [SYE-thur]. This wife of Óthir [OH-thur] rode the “war-boar,” Hildis-vini, and received half of those who died in battle in her mead-hall, (*) Fólkvangr [FOHLK-von-gur]. This goddess had a magical cloak of feathers, and slept with four dwarfs to get her necklace, Brisin-gamen. Until Loki distracted a horse, this “flaxen-haired” goddess was nearly given to the jötunn who built the walls of Valhalla. For ten points, name this Norse goddess of war and love.**

ANSWER: Freyja [FRAY-yah] (do not accept or prompt on “Frey,” “Frigg,” or “Frigga”)

(11) **In one work, this thinker considered a basket of possibly rotten apples to explain why he rejected all of his beliefs. Queen Christina invited this man to Sweden, where he tutored her a few times before dying of pneumonia. This author described (*) mind-body dualism in his *Meditations on First Philosophy*, a work he later defended with the statement “Cogito, ergo sum.” For ten points, name this French philosopher who argued “I think, therefore I am.”**

ANSWER: René Descartes

(12) **At the beginning of this poem, a group of warriors argue over Briseis and Chryseis. Forces led by Diomedes and Agamemnon are listed in this poem’s “Catalogue of Ships.” In this poem, (*) Priam begs for the return of his son’s body after it is dragged around the walls of his city. Hector kills Patroclus in this poem, which opens by asking the goddess to “sing the rage of Achilles.” For ten points, name this epic poem attributed to Homer that describes the events of the Trojan War.**

ANSWER: Iliad (accept Ilias; accept Song of Ilion or Song of Ilium)

(13) **This compound’s namesake “cracking” occurs when elastomers like natural rubber are exposed to this compound in the atmosphere. Dobson units were invented to measure concentrations of this compound in a vertical column of air. (*) Chloro-fluoro-carbons break down this substance into a diatomic molecule, reducing its ability to reflect ultraviolet radiation. For ten points, name this allotrope of oxygen with formula O₃ [oh-three] that collects in a namesake reflective layer in Earth’s stratosphere.**

ANSWER: ozone (accept trioxygen; accept O₃ before it is read; do not accept or prompt on “oxygen”)

(14) **A ruler of this city lopped the heads off of the tallest poppies to send a coded message to his son. Tarquin the Proud was the final king of this city. This city’s first king won an augury contest by seeing twelve (*) vultures instead of six, leading him to settle this city on the Palatine Hill. A pair of twins who were suckled by a she-wolf, Romulus and Remus, were the legendary founders of, for ten points, what capital of an ancient Italian empire?**

ANSWER: Rome

(15) **This figure stands next to a table whose gold leg is carved with griffins holding reeds in a portrait by Gilbert Stuart. A man in front of this historical figure kicks away ice floes in a painting by Emmanuel Leutze [LOYI-zah]. In (*) *Parson Weems’ Fable*, Grant Wood painted this historical figure as a child, holding an axe. For ten points, name this subject of the *Lansdowne Portrait*, who is shown admitting to chopping down a cherry tree and *Crossing the Delaware* in historical paintings, America’s first president.**

ANSWER: George Washington (accept Washington Crossing the Delaware)

(16) **The Peshmerga are the official military force of an autonomous region in the north of this country that includes the cities of Erbil and Halabja. Basra is this country’s major port, despite being seventy miles upstream from the mouth of the (*) Shatt-al-Arab. In the twentieth century, this country fought wars with its eastern and southeastern neighbors, Iran and Kuwait. For ten points, name this Middle Eastern country whose capital is Baghdad.**

ANSWER: Republic of Iraq (accept Jumhuriyah al-’Iraq; accept Komari Eraq)

(17) **Members of this kingdom reproduce by forming asci or basidia. A genus of these organisms spread parasitically through the bodies of insects, and are called cordyceps. Members of this kingdom produce pelotons, specialized (*) hyphae, when they form mycorrhizae with plants. These organisms interact with algae to form lichens. Mycelium networks provide nutrients to members of this kingdom such as ergot, a type of mold. For ten points, name this kingdom whose members include puffballs, yeasts, and mushrooms.**

ANSWER: fungus (accept fungi)

(18) **This politician tried to transfer Guantánamo Bay prisoners to Thomson, Illinois, but was stymied when Congress refused to provide appropriate funds. In the late 2000s, Rod Blagojevich [blah-goh-yah-vich] tried to sell this man’s vacated (*) senate seat. Partially fueled by slogans like “Yes We Can,” this man defeated John McCain in the 2008 presidential election. Joe Biden was the vice president for, for ten points, what first Black president of the United States?**

ANSWER: Barack Obama (accept Barack Hussein Obama II)

(19) **This religious event killed the Nephilim, although Shem, Ham, and Japheth survived and were commanded to “be fruitful and multiply.” Another survivor of this event received a covenant represented by a (*) rainbow after he spent almost a year with fourteen of each clean animal and two of each unclean animal on an enormous ark. For ten points, name this biblical event in which God drowned everyone except a group of believers led by Noah.**

ANSWER: great flood (accept deluge)

(20) **A character in this play says a woman’s beauty “hangs upon the cheek of night / like a rich jewel” while trying to forget being rejected by Rosaline. In this play, Tybalt’s cousin asks her lover to “deny [his] father and refuse [his] name” since “a (*) rose / by any other name would smell as sweet.” The Montagues and Capulets swear to erect a statue in Verona to memorialize their dead children in, for ten points, what Shakespeare play about doomed lovers from warring families?**

ANSWER: Romeo and Juliet (accept The Tragedy of Romeo and Juliet)