

2019 Boston Latin Invitational Scholastic Series (BLISS) I Round 3

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Tossups

- This artist showed the victorious Augustus Eliott atop a white horse in one portrait. This artist's younger half brother, Henry Pelham, was the model for a pink collared boy in another work. That work showed the title creature nibbling an acorn near a glass of water and is named *Boy with a Flying Squirrel*. A black man stands next to another man who prepares to spear the title (*) animal in one work by this artist. Both of those men are standing in a boat along with 7 others looking down at a naked man with blonde hair in the water. For 10 points, name this British Bostonian artist of *Watson and the Shark*.**

Answer: **John Singleton Copley**
- This Pennsylvania politician was the 17th Secretary of State and advocated for the complete annexation of the Oregon territories. On his deathbed, he remarked that history would vindicate him. Harriet Lane was this man's niece and First Lady. While he ran for president in 1848, his only successful run was against John C. Fremont in (*) 1856. Many historians argue that this President was either celibate or homosexual. For 10 points, name this 15th President of the United States who refused to reconquer seceding states after the election of Lincoln.**

Answer: **James Buchanan**
- A negative value of this quantity can be seen in some metamaterials. When this value is less than one, it can be said to be less than unity, which may seem to break fundamental physics principles. Brewster's angle, the angle at which there is no (*) reflection, can be calculated using the inverse tangent of the ratio of this quantity for the two media. This quantity appears with the sine of theta on both sides of Snell's law. For 10 points, name this quantity, the ratio of the speed of light in a certain medium to the speed of light in a vacuum.**

Answer: **index of refraction** (or **refractive index**)
- Mrs. O'Dowd comforts one character during a battle in this novel. A puppet show frames this novel in the preface, and at a party, the protagonist charms Lord Steyne by playing the roles of Philomela and Clytemnestra in a game of charades. After promising some of his money to another as life insurance in this novel, Jos dies suspiciously. During a battle at (*) Waterloo, George Osborne is killed, leading Amelia to become romantically entangled with his friend William Dobbin. Rawdon Crawley marries Becky Sharp in this novel. For 10 points, name this satirical novel by William Makepeace Thackeray.**

Answer: ***Vanity Fair: A Novel without a Hero***
- The umrah is similar to this activity, but it can be performed at any time and has less significance. Adherents wear two unhemmed sheets of white cloth called the ihram during this activity. During this activity, believers cross the Jamarat bridge, perform the tawaf, and drink from the Well of (*) Zamzam. This activity includes throwing stones and walking 7 times around the black stone Kaaba. Those able to make the journey must perform this pillar of Islam at least once in a lifetime. For 10 points, name this pillar of Islam during which Muslims travel to Mecca.**

Answer: hajj (accept pilgrimage to Mecca before Mecca and prompt after; prompt on pilgrimage at any point)

6. ***Deinococcus radiodurans* is one of these organisms due to its extraordinary DNA repair process, and it far surpasses the commonly known tardigrade in this ability. Cryptoendoliths are a class of these organisms that are able to live within the porous structure of many rocks. These organisms are commonly used by astrobiologists in order to investigate the viability of (*) life outside of earth. For 10 points, name these organisms including thermophiles and acidophiles which are able to survive in conditions beyond those normally considered suitable for life.**

Answer: extremophiles (anti-prompt on thermophiles or acidophiles before mention)

7. **This NBA team once featured the flashy Mr. Basketball or Bob Cousy and the first black head coach. Though not to the Mavericks, Jason Terry was included in a trade that cemented this team's future. This team's expertise in stockpiling draft picks and trading for players like Robert Parrish, Bill Walton, and Kevin McHale began under legendary GM (*) Red Auerbach and continues under Danny Ainge and Brad Stevens. Marcus Smart and Jaylen Brown play for this team at the TD Garden. For 10 points, name this most successful NBA franchise featuring all time greats such as Bill Russell, Larry Bird, Paul Pierce, and Kyrie Irving.**

Answer: Boston Celtics (accept either underlined part)

8. **This man guaranteed the independence of the Papal States as a sovereign entity in the Lateran Treaty. This man's Jewish mistress Margherita Sarfatti left for Uruguay after this man passed the Manifesto of Race. This man's party gained power by passing the Acerbo Law. In the Gran Sasso Raid, he was extricated from a mountain resort by Otto (*) Skorzeny, effectively making him a puppet of Hitler. This world leader led the march on Rome by the Blackshirts and allied himself with the Nazis in the Pact of Steel. For 10 points, name this fascist dictator of Italy nicknamed Il Duce (ihl doo-Chay).**

Answer: Benito Amilcare Andrea Mussolini (prompt on Il Duce before mention)

9. **It's not A.E. Housman, but this author played upon the words of Milton by claiming to "vindicate the ways of God to man" in one work. Another work by this man argues that "To err is human, to forgive divine." In a poem by this man, "sighs, sobs, and passions" are retrieved from the Cave of Spleen by a gnome named Umbriel. That poem by this author centers on (*) Belinda, whose hair is stolen by the Baron despite the efforts of Ariel and her guardian Sylphs. For 10 points, name this English author of "An Essay on Man", "Essay on Criticism", and "The Rape of the Lock".**

Answer: Alexander Pope

10. **The so called talking one of these instruments in West Africa has cords which are squeezed to control pitch and mimic human speech. The Irish bodhran (bow-ran) is a frame one of these instruments. Used chemical containers are used to make one version of these instruments in Trinidad and Tobago called the steelpan. The Peruvian cajon is a box shaped one of these instruments. Like the Indian tabla, the (*) congas and bongos are played in pairs. The timpani is one of these instruments which come in namesake kits. For 10 points, name these percussion instruments which players beat using sticks or hands.**

Answer: drums (anti-prompt on steelpan before mention)

11. **This man is turned away from inns because of his yellow passport, which he received after serving nineteen years for stealing bread and trying to escape. Champmathieu (shah-Ma-thyoo) is mistaken for this man who steals a coin from a boy named Gervais (zher-Vay). This man climbs under a cart**

and lifts it on his back to save Fauchelevent (Fawsh-la-vahn). Bishop Myriel claims that silver (*) candlesticks were gifted to not stolen by this man. This man cares for Fantine's orphan daughter, Cosette. In a battle, this man spares an inspector who kills himself in shame. For 10 points, Javert (zha-vayr) tries to catch what protagonist of Les Miserables (Lay mih-Zuhr-ab).

Answer: **Jean Valjean** (zhahn val-zhahn) (prompt on **Monsieur Madeleine**)

12. **This thinker argued that in addition to the Trinity, evil is the fourth aspect of God in *Answer to Job*. This psychologist recounted induced hallucinations or “active imaginations” in the long unpublished *Red Book*. This man argued that coincidences can be meaningful by his concept of synchronicity. This man's research in *Psychological Types* is the basis for the (*) Myers-Briggs personality test. Anima and animus are archetypes in this man's concept of a collective unconscious. This man studied introversion and extraversion through analytical psychology. For 10 points, name this Swiss psychologist who worked with Sigmund Freud.**

Answer: **Carl Gustav Jung**

13. **For helping Wyatt's rebellion, this ruler was imprisoned in the Tower of London. This ruler helped the young Dutch Republic with troops in the treaty of Nonsuch. This monarch's spymaster, Walsingham, was instrumental in preventing the Babington and Ridolfi plots. This queen's Tilbury speech served as inspiration for soldiers about to fight the (*) Spanish Armada. Francis Drake served this queen in her various battles with Spain. Mary, Queen of Scots, was put to death by this ruler. For 10 points, name this Virgin Queen of England and Ireland from 1558 to 1603.**

Answer: **Elizabeth I**

14. **One of these beings eats each of her in-laws except Sigmund in the Volsung saga. The Korean kumiho, the Chinese huli jing, and the Japanese kitsune are all foxes with this supernatural ability. Though also able to tell the future, the sea gods Nereus and Proteus were both these beings. Peleus married Thetis after he managed to hold onto her despite her use of this ability. The very rare Metamorphmagi and the more common (*) Animagi are examples of these beings contrasted with werewolves in the Harry Potter universe. Loki is one of these beings. For 10 points, Ron's rat Scabbers revealed he was what kind of mythical being when he turned into Peter Pettigrew.**

Answer: **shapeshifters** or **shapeshifting** (accept **fox** and **werewolf** before respective mentions; accept appropriate descriptions)

15. **This body has an axial tilt of only about 3 degrees, meaning that it does not experience seasons. The highest mountain on this planet is Maxwell Montes, which is approximately the same height as Mount Everest. This planet's atmosphere consists of acid rain, hurricane force winds, and a temperature of almost 500 degrees Celsius. This planet is one of only two in our solar system that rotates from (*) east to west or retrograde, which is partly responsible for this planet's days being longer than its years. This hottest planet in the solar system is the 2nd farthest from the Sun. For 10 points, name this planet named for the Roman goddess of love.**

Answer: **Venus**

16. **Immigrants from this country's city of Sylhet (Sil-et) settled in London's Brick Lane. This country's capital houses the Kamalapur Railway Station designed by the American architect Robert Boughey (Boh-ee). Muslims were intentionally settled to replace a majority Buddhist population in this country's Chittagong Hill Tracts. The capital is at the confluence of the Padma and Meghna rivers and is named (*) Dhaka. This country is bordered by Burma and India. For 10 points, name this country formerly known as East Pakistan with Bengali or Bangla as its official language.**

Answer: **People's Republic of Bangladesh** (or **Gonoprojatontri Bangladesh**)

17. **This element's chloride is used as a salt replacement, but intravenously it has the potential to cause cardiac arrest and is used in lethal injection. Under a Bunsen burner, this element will produce a purple color. Ions of this metal are vital in the nervous system and are moved along with (*) sodium in a namesake pump.** This is the second lightest metal under group 1, and lies right below sodium on the periodic table. For 10 points each, name this element commonly found in bananas with symbol K.

Answer: **potassium** (accept **K** before mention)

18. **This ruler tried to annex Kagera leading to a war that he lost despite significant foreign aid. This ruler died in Saudi Arabia. This man ordered the death of Dora Bloch after he gave refuge to German leftists and the PFLP at Entebbe Airport near Kampala when they hijacked a flight from (*) Israel to Paris. This man overthrew Milton Obote, who called this man "the greatest brute an African mother has ever brought to life". This man with a "very good brain" called himself the "King of Scotland".** For 10 points, name this dictator of Uganda who expelled all Asians from his country.

Answer: **Idi Amin Dada**

19. **In this novel, an abusive husband throws a radio out of a window while arguing with his wife about her sister, and the pair escapes to Eunice's apartment as he rages. After kissing a newspaper boy, the protagonist admits to her date that she married a gay man and induced him to suicide. When (*) Mitch learns that she was fired as a teacher for having an affair with a student, he does not show up to dinner. For 10 points, Stanley buys Blanche a one way ticket to Laurel and sends her to an insane asylum in what play by Tennessee Williams?**

Answer: ***A Streetcar Named Desire***

20. **In *The Master and the Margarita*, Behemoth is one of these creatures. Though not a lion, the Egyptian goddess Bastet was represented by this animal. Spiderman is friends with Felicia Hardy, a superhero named for a black one of these animals. Dr. Claw owns one of these animals in *Inspector Gadget*. The Jellicles are these animals which name a (*) Lloyd Webber musical. Freya's chariot is pulled by two of these animals. Maneki Neko is an iconic Japanese one of these animals, while Crookshanks is one owned by Hermione. These animals belong to the genus *Felis*.** For 10 points, name these pets which are not dogs.

Answer: **cats** (or **felines** or **kittens**)

21. **In one musical by this man, Anthony sings "No Place Like London" after falling for the title character's daughter, who is promised to Judge Turpin. That daughter is Johanna Barker, and the subtitle for that work is "The Demon Barber of Fleet Street". This man wrote *A Sunday in the Park with George* and *A Funny Thing Happened on the Way to the Forum*. The aforementioned work by this man is (*) *Sweeney Todd*. This man also wrote the lyrics for a musical in which the Jets fight the Sharks. For 10 points, name this American lyricist of *West Side Story*.**

Answer: **Stephen Sondheim**

Bonuses

1. Answer the following questions about Washington Irving. For 10 points each:
 - a. Name this short story in which Ichabod Crane is chased by a headless Hessian soldier.
Answer: **The Legend of Sleepy Hollow**
 - b. This collection of 34 essays included *The Legend of Sleepy Hollow* and *Rip van Winkle*. This work's title is from a pseudonym used by Irving, and it claims to be published by a Dutch historian.
Answer: **The Sketch Book of Geoffrey Crayon, Gent.**
 - c. Irving also wrote several biographies and histories of this country including *Chronicle of the Conquest of Granada*. Irving served as the U.S. ambassador to this country from 1842 to 1846.
Answer: **Spain**
2. Mexico has a rich artistic tradition. For 10 points each:
 - a. This artist created several self portraits showing her unibrow and flowers. One such painting shows two versions of this woman with their hearts removed and a pair of scissors in one hand.
Answer: **Frida Kahlo**
 - b. This husband of Frida Kahlo showed Aztec history and culture in several works. His works include *Detroit Industry* and *Man at the Crossroads* or *Man, Controller of the Universe*.
Answer: **Diego Rivera**
 - c. This other contemporary Mexican muralist included *The Coming of Quetzalcoatl* and *Man of Fire* in his *The Epic of American Civilization* series.
Answer: **José Clemente Orozco**
3. Please note that order will not matter for these three. There have been many famous brothers in mythology. For 10 points each:
 - a. These brothers have major roles in the Egyptian pantheon. One brother's son, Horus, challenges his uncle for killing his father. These gods are married to Nephthys and Isis.
Answer: **Set** and **Osiris** (both parts are required; order does not matter)
 - b. These five brothers fought their cousins the Kauravas in the Mahabharata. These brothers were all married to Draupadi and included Bhima and Arjuna.
Answer: **Pandavas** (or **Bhima**, **Arjuna**, **Sahadeva**, **Nakula**, and **Yudhishtira** (yu-dish-thi-ra); all 3 parts are required for 2nd answer: please slow clap for anyone that gets all 3)
 - c. This boxer horse tamer pair travelled for some time with the Argonauts. These sons of Zeus kidnapped Theseus' mother after he took their sister Helen.
Answer: **Castor** and **Pollux** (or **Polydeuces**) (or **Dioscuri** or **Gemini**) (both parts required for first answer)
4. The Koppen Classification system is one of the most widely used in the world. For 10 points each:
 - a. The Koppen classification system is used to classify these, which are generally defined as the weather in an area over a long period of time
Answer: **climate**
 - b. Climates classified as B such as semi-arid usually don't receive much of this phenomenon.
Answer: **precipitation** (accept specific types of precipitation like **rain**)
 - c. The largest body of climate E appears on this continent, but it also appears in small regions of North America, Europe, and Asia.
Answer: **Antarctica**
5. Name the following countries in which America intervened against Communism. For 10 points each:

- a. Reagan invaded this Caribbean nation in Operation Urgent Fury after its communist dictator Maurice Bishop was executed by a military junta of Communist Party members from this nation.

Answer: **Grenada**

- b. The CIA staged a coup against Mohammad Mossadegh in Operation Ajax when his government attempted to nationalize the oil industry of this Middle Eastern nation.

Answer: **Iran**

- c. The United States invaded this Latin American nation in 1990 to depose dictator Manuel Noriega on charges of drug trafficking.

Answer: **Panama**

6. This man names a type of good whose price and demand positively correlate. For 10 points each:

- a. Name this economist who wrote about conspicuous consumption in *The Theory of the Leisure Class*.

Answer: **Thorstein Bunde Veblen**

- b. Veblen goods are perhaps best exemplified by this brand originally meant for skateboarders. This brand's iconic red and white logo could probably be used to sell literally anything for any price, like these beautiful questions at \$800 a packet.

Answer: **Supreme**

- c. In this other work, Veblen discusses how the title entity's irrationality opposes the machine process and general industry.

Answer: **Theory of Business Enterprise**

7. Answer these questions about film and Africa. For 10 points each:

- a. South African comedian, Trevor Noah made a cameo in *Black Panther* as the voice of the artificial intelligence system guiding Everett Ross in the fighter jet. Noah's AI character had this name. This name comes from the West African word for "storyteller."

Answer: **Griot**

- b. This 2018 film set in Kenya was released in France. Though initially banned for portraying homosexuality, this film focuses on the relationship between Kena and Ziki.

Answer: **Rafiki**

- c. This other African country is home to such movies as *The Figurine* and *The Meeting*. Its film industry is known as "Nollywood."

Answer: **Nigeria**

8. The ideal gas law is often considered a fundamental equation in many chemistry and mechanics courses. For 10 points each:

- a. The ideal gas law can be derived from four different gas laws, three of which can be grouped together under the combined gas law. Name any two of the four.

Answer: **Boyle's law, Charles' law, Gay-Lussac's law, Avogadro's law** (accept any two)

- b. In the ideal gas law $PV = nRT$ (read as "P-V equals n-R-T"), R represents this quantity.

Answer: **ideal gas constant** or **universal gas constant** or **molar gas constant**

- c. People have attempted to correct the imperfect ideal gas law. This Dutch physicist proposed an alternate equation with the terms a and b accounting for intermolecular forces and particle volume.

Answer: **Johannes Diderik van der Waals**

9. The encounters of Leopold Bloom on an ordinary day are detailed in this novel. For 10 points each:

- a. Name this James Joyce novel named for a Greek hero.

Answer: **Ulysses**

- b. Name this wife of Leopold who has an affair with Blazes Boylan.
Answer: **Molly Bloom**
- c. The novel is staged in this capital of Ireland.
Answer: **Dublin**
10. Newton's second law of motion is one of the most commonly cited physics equations in popular culture. For 10 points each:
- a. This quantity is equal to force over mass.
Answer: **acceleration**
- b. The second law can also be written to express force as the change in this quantity over the change in time. In other words, force is the derivative of this quantity with respect to time.
Answer: **linear momentum**
- c. This quantity, symbolized J, is used to describe the change in momentum.
Answer: **impulse**
11. Genetically, gorillas are some of the closest relatives to humans. For 10 points each:
- a. This gorilla had a vocabulary of about 1,000 signs in sign language. She adopted a kitten and gave it a name, prompting international attention. She passed away in June 2018.
Answer: **Koko** or **Hanabiko**
- b. This fictional character is a feral child raised by apes in Africa. He was created by the author Edgar Rice Burroughs and has appeared in a namesake Disney movie.
Answer: **Tarzan**
- c. Gorillas are actually the third closest relatives to humans after chimpanzees and this other species with about 98% of the same DNA.
Answer: **bonobo** (or **pygmy chimpanzee** or **dwarf chimpanzee** or **Pan paniscus**)
12. This composer is nicknamed the "March King" for his work. For 10 points each:
- a. Name this American band director and composer of "The Stars and Stripes Forever".
Answer: **John Philip Sousa**
- b. Sousa wrote this official march for the U.S. Marine Corps. This march takes its name from the Marine Corps' popular Latin motto.
Answer: **"Semper Fidelis"** (do not accept or prompt on **Semper Fi**)
- c. This Sousa operetta was adapted into a march of the same name. This work, set in Peru, shares its name with a rock formation in California.
Answer: **El Capitan**
13. There are some great capital cities in South America. For 10 points each:
- a. This capital city of Argentina is on the Rio de la Plata and houses the Casa Rosada or Pink House.
Answer: **Buenos Aires**
- b. This capital city of Peru is on the Pacific coast and houses the Estadio Nacional where a disastrous soccer match with at least 328 deaths led to a state of emergency in 1964.
Answer: **Lima**
- c. This capital city of Uruguay is also on the Rio de la Plata and houses the Palacio Salvo.
Answer: **Montevideo**
14. People eat food called prasada in these buildings. For 10 points each:
- a. Believers worship gods like Brahma and Vishnu in these religious buildings. Ceremonies called pujas are conducted in these buildings.

Answer: **Hindu temples** or **mandirs** (prompt on **temples**)

- b. There is an attempt to build a temple to this avatar of Vishnu in the city of Ayodhya, thought to be this man's birthplace. This man saved his wife Sita from the ten headed demon Ravana.

Answer: **Ram** or **Ramachandra** (or **Lord Ram**)

- c. The Indian Supreme Court recently lifted a ban on these people at the Sabarimala (Sha-Buh-ree-muh-la) temple dedicated to Ayyappan (ai-Yuh-pen), a celibate hunter and a son of Mohini (Moh-hi-nee), who is Vishnu in the form of one of these people. Previously, these people were not admitted to Sabarimala (Sha-buh-ree-muh-la) if they were between the age of 10 and 50.

Answer: **women** (or **girls**; accept obvious equivalents) [Update: Security measures and other preparations have been in the works, but two women recently sneaked into the temple before they were actually allowed to enter. This incident caused statewide protests and rioting when the public found out.]

15. Poetry is a universal language. For 10 points each:

- a. This Chilean Nobel laureate wrote the words "in you everything sank!" and "Tonight I can write the saddest lines". His works include *Twenty Love Poems and a Song of Despair*.

Answer: **Pablo Neruda** (or **Ricardo Eliécer Neftalí Reyes Basoalto**)

- b. Though not Du Fu, this Tang dynasty poet's works include "Waking from Drunkenness on a Spring Day" and "Quiet Night Thought".

Answer: **Li Po** or **Li Pai** or **Li Bo** or **Li Bai** (or **Tai Bai**)

- c. This mystic poet wrote the words "listen to the reed and the tale it tells" in his *Masnavi* or *Spiritual Couplets*.

Answer: **Jalal ad-Din Rumi**

16. The TCA cycle is an essential part of cellular respiration, but some organisms have evolved changes in this cycle. For 10 points each:

- a. Name this variation of the TCA cycle, in which isocitrate is converted to the namesake molecule. This namesake molecule is also the conjugate base of glyoxylic acid.

Answer: **glyoxylate cycle**

- b. In plants, the glyoxylate cycle occurs in glyoxysomes, which are a variation on these organelles. These organelles contain catalase and other oxidases.

Answer: **peroxisomes**

- c. The glyoxylate cycle is significant because it recycles acetyl-CoA but does not end up losing carbon in the form of this molecule. This molecule is produced in cellular respiration.

Answer: **carbon dioxide**

17. The swearing of this oath was preceded by its participants being locked out of the Estates General. For 10 points each:

- a. Identify this oath in which the delegates of the Third Estate pledged not to disband until they had written a constitution. This oath is named after the place where it was sworn.

Answer: **Tennis Court Oath**

- b. The Tennis Court Oath is identified by many as the beginning of this event. This event involved the storming of the Bastille and the rise of Napoleon Bonaparte.

Answer: **French Revolution**

- c. This man failed to stop the Tennis Court Oath. This man was executed along with his wife during the French Revolution.

Answer: **Louis XVI** (prompt on **Louis**)

18. Charles Marlow recounts this story on the Nellie while sailing on the Thames. For 10 points each:

- a. Name this Joseph Conrad novel about one man's voyage into Africa on the Congo river and his various encounters throughout.

Answer: **Heart of Darkness**

- b. These are the last words of Kurtz, the man who Marlow was sent to retrieve.

Answer: "**The Horror, the Horror!**"

- c. This Nigerian author has criticized Conrad as a racist because of the description of Africans in *Heart of Darkness*.

Answer: **Chinua Achebe**

19. The Battle of Omdurman pitted Mahdist rebels against British forces outside this country's capital of Khartoum. For 10 points each:

- a. Name this African country bordered by Egypt to the north.

Answer: **Sudan**

- b. This region of Sudan was the location of a genocide against its non-Arab inhabitants. That genocide was perpetrated by the Sudanese government and Janjaweed militias.

Answer: **Darfur**

- c. This city in Sudan sparked a namesake border dispute between France and Great Britain after French troops occupied and claimed this city.

Answer: **Fashoda**

20. Pencil and paper ready. You will have 10 seconds per bonus. Consider a regular octagon. For 10 points each:

- a. What is the measure of each of the exterior angles?

Answer: **45°** or **$\pi/4$ radians** [All exterior angles must sum to 360° or 2π radians because the octagon is convex; $360^\circ/8=45^\circ$ or $2\pi/8=\pi/4$]

- b. What is the number of diagonals in the interior of the octagon?

Answer: **20** or **twenty** [number of diagonals= $n(n-3)/2$; $8(5)/2=20$]

- c. What is the area of a regular octagon in terms of the side length s and apothem (A-puh-them) a given that an apothem is the distance from the center of the octagon to the midpoint of each side?

Answer: **4as** or **4sa** (read as "4-a-s" or "4 times a times s" or "4-s-a" or "4 times s times a") [Extending lines from the center of the octagon to each vertex creates 8 identical triangles with base s and height a
 $8(as/2)=4as$]

21. Answer the following about ships from British history. For 10 points each:

- a. Name this carrack built by Henry VIII that sank in the Solent. It is currently undergoing preservation attempts.

Answer: **Mary Rose**

- b. Name this flagship of Horatio Nelson at the Battle of Trafalgar. This is the oldest commissioned ship in the world.

Answer: **HMS Victory**

- c. The USS Constitution earned the nickname "Old Ironsides" after defeating this ship in its first battle. It was burned on the water after its crew was transferred to the Constitution.

Answer: **HMS Guerriere**