**GSAC XXIII**

Head Edited by Will Overman, written by members of Maggie Walker Quizbowl

**Packet 10**

1. **The Republic of Ragusa lost its sovereignty as a result of this event. Denmark ceded Swedish Pomerania to Prussia during this meeting. Prussia received two-fifths of Saxony in exchange for a secret treaty at this conference, during which Switzerland had its (\*)** neutrality guaranteed. Prince von Hardenburg represented Prussia at this event, which was disrupted by the Hundred Days. This conference, which established a balance of power through its Concert System, was led by Klemens von Metternich. For 10 points, name this 1814-15 meeting of the Great Powers of Europe, which occurred in the Austrian capital.

ANSWER: **Congress of Vienna**

2. **The score of this composer’s first opera, *A Guest of Honor*, was repossessed and lost when the box office receipts were stolen. The death of this composer’s wife, Freddie, inspired his waltz *Bethena*. This composer of the opera (\*)** *Treemonisha* commemorated a club in Sedalia, Missouri with a piece commonly claimed to be the first sheet music to have sold a million copies, *The* *Maple Leaf Rag*. For 10 points, name this African-American composer of *The Entertainer*, the King of Ragtime.

ANSWER: Scott **Joplin**

3. **In the 14w32a snapshot of this game, armor stands and colored beacons were added. The Youtuber JeromeASF refers to a certain weapon in this game as “Betty”. In an October 2015 update, new methods to summon the final boss of this game were added and (\*)** Notch apples were removed. Music in this game was recorded by C418 and its two main game modes are survival and creative, but a story mode version of this game was released in October of 2015. Monsters in this game include Guardians, Skeletons, Zombies, and Creepers. For 10 points, name this Mojang sandbox game where one crafts things in a very blocky world.

ANSWER: ***Minecraft***

4. **One character in this novel imitates Hemingway through his short story writing and wine drinking. The protagonist of this novel writes a love poem to a beautiful Mexican waitress and basically lives on ice cream and apple pie. Readers aren’t given the narrator’s first name until he meets up with (\*)** Chad King in one city and aren’t given his last name until he meets up with Remi Boncoeur in another. Another character in this novel marries Marylou, Camille, and Inez. Carlo Marx and Dean Moriarty have philosophical discussions in Denver, in for 10 points, what novel about Sal Paradise’s travels across America by Jack Kerouac?

ANSWER: ***On the Road***

5. **In the exponential of wave functions for stationary states, this quantity is multiplied by negative *i* times *t* over h-bar. This quantity is equal to the time derivative of the action. The commutator of this quantity with time is negative *i* times h-bar, which means they have an uncertainty relation similar to Heisenberg’s. Two forms of this quantity are added together to give the (\*)** Hamiltonian. Quantum mechanical states are degenerate if they have the same value for this quantity. Work equals the change in this quantity. For 10 points, name this quantity that can come in potential and kinetic varieties.

ANSWER: **energy** [prompt on “Lagrangian” due to ambiguities with time derivative of action]

6. **This architect modeled the east and west facades of the Mill Owners' Association Building after sun breakers. This architect applied his Modulor system to proportions of his various works. The Open Hand symbolizes peace and reconciliation for this architect, and can be seen in (\*)** Chandigarh, India. One of his most famous buildings is representative of his “five points,” which was detailed in his book, *Towards a New Architecture*. For 10 points, name this Swiss-French architect who designed the Villa Savoye.

ANSWER: Le **Corbusier** [or Charles-Édouard **Jeanneret**-Gris]

7. **This god killed one of Poseidon’s sons after he had tried to rape this god’s daughter, Alcippe. This god sired the dragon whose teeth were sown to create the Spartoi. Before he was freed by Artemis, the Aloadae trapped this god in a** **bronze** **(\*)** jar for 13 months. He is accompanied on his chariot by Enyo. This father of Cycnus, who tried to build a temple out of the bones of travelers, also fathered Phobos and Deimos. Hephaestus trapped this god and his lover, Aphrodite, in a net. For 10 points, name this Greek god of war, whose emblem is a spear.

ANSWER: **Ares** [prompt on **Mars**]

8. **The mother of the protagonist of this novel goes through the chest of a recently deceased, long-term tenant of her inn. In this novel, O’Brien is killed by Israel Hands, who later gets shot after throwing a knife at the protagonist. The protagonist of this novel meets a guy who really wants some (\*)** cheese after being marooned for three years. Doctor Livesey and Ben Gunn appear in this novel that features the curse of the black spots. A mutiny occurs aboard the *Hispaniola* in, for 10 points, what novel by Robert Louis Stevenson about Jim Hawkins and Long John Silver?

ANSWER: ***Treasure Island***

9. **Bryan Kelley and his family are forced to participate in a large-scale version of this activity in the Kurt Vonnegut short story “All the King’s Horses.” Jeremiah de Saint-Amour participated in this activity with his lover on the night of his suicide and would frequently participate in it with (\*)** Dr. Juvenal Urbino. The line “HURRY UP PLEASE ITS TIME” appears in a section of a poem titled for this game. The second section of “The Wasteland” is titled “A Game of [this activity].” For 10 points, name this game at the center of the book *Searching for Bobby Fischer*, played with rooks, pawns, and knights.

ANSWER: **chess**

10. **It’s not Cape Point, but the Khoikhoi people once inhabited this place. Dutch control of this place concluded after the Battle of Blaauwberg. This place is the southern extreme of a peninsula whose northern border is defined by Table Mountain. Boats are deterred from (\*)** Whittle Rock, off the coast of this place, with beacons titled after the first two European explorers believed to have seen it: Bartolomeu Dias and Vasco de Gama. For 10 points, identify this South African cape.

ANSWER: Cape of **Good Hope**

11. **The evolution of these data structures is described by the Lindley equation, and they can be classified using Kendall’s notation. When these data structures are finite they can be made to operate in constant time by using a circular buffer. An extension of these data structures, which is often implemented using (\*)** heaps, first returns the element with the highest priority. The operation of these data structures is the opposite of the way stacks work. For 10 points, name these first-in-first-out data structures that can be used to represent people waiting in a line.

ANSWER: **queue**s

12. **This group cured William Bratton’s illness, thought to be rheumatism, by steaming him and then throwing him into the Clearwater River. Pierre Cruzatte accidentally shot the captain of this group. This group gifted their winter residence, a wooden fort on the Columbia, to Coboway, chief of the Clatsop natives. After constructing Fort Mandan, the captains of this journey hired (\*)** Toussaint Charbonneau and his wife, the Lemhi Shoshone womanSacagawea, as interpreters. For 10 points, name this 1804 mission President Jefferson commissioned to map the Louisiana Territory.

ANSWER: Meriwether **Lewisand** William **Clark expedition** [accept reasonable equivalents; accept **Corps of Discovery expedition**]

13. **The Cherokee people celebrate this tradition whenever there is a new moon. The Babylonians also honored this tradition on new moons, with an additional observance on the 19th of the month. For Wiccans, one of these events always falls on Halloween. Jesus was once accused of violating this practice due to (\*)** poor timing curing a lame man. Some Muslims honor this practice weekly with a special time for prayer at the mosque, while some take the entire Friday off. For 10 points, name this religious occurrence that falls on Saturday for Jews and Sunday for Christians.

ANSWER: **day of rest** [accept specific examples such as **Sabbath** or **Shabbat**]

14. **A character in this work states that “a passable chemist is twenty times as useful as any kind of poet.” That character earlier goes to a pond with two houseboys to look for a frog to dissect. Another character in this work named his estate, Marino, after his deceased wife, but has a child with the daughter of his housekeeper. (\*)** Pavel goes to Dresden, while Nikolai and Fenichka finally wed at the end of this work. Another character in this novel contracts typhus after cutting himself during an autopsy. For 10 points, name this novel about Arkady and the nihilist, Bazarov, by Ivan Turgenev.

ANSWER: ***Fathers and Sons***

15. **Hurthle cells can be indicative of either cancer of this organ or an autoimmune disease named for a Japanese physician. The parafollicular cells of this organ release a hormone that counteracts PTH by lowering blood calcium levels. A disease of this organ can be indicated by low levels of TSH and (\*)** eye-popping. Grave’s disease results in this organ’s overproduction of T3 and T4, and this organ enlarges into a goitre if the body is deficient in iodine. For 10 points, name this butterfly-shaped endocrine gland located in the neck.

ANSWER: **thyroid** gland

16. **Perovskite types of these entities can be embedded with colloidal quantum dots to create hyper efficient LEDs. Burgers vectors describe the magnitude and direction of dislocations in these entities.** **PZT is one of these entities, which displays (\*)** piezoelectric properties. Miller index notation is used to describe the Bravais lattices of these entities. They can be body or face centered cubic and their liquid variety is used in television displays. For 10 points name these solids with a regular repeated pattern of atoms.

ANSWER: **crystals** [prompt on lattice]

17. **One policy employed by this institution caused construction workers to mail it wooden boards; that policy was Volcker disinflation. The Federal Open Market Committee enacts this organization’s policy through (\*)** open market operations. This body, in addition to setting the discount window interest rate and reserve ratio, also serves as the lender of last resort for banks. Past chairmen of this institution include Alan Greenspan and Ben Bernanke. For 10 points, name this central bank of the United States, whose dual mandate consists of ensuring maximum employment and stable prices.

ANSWER: United States **Fed**eral Reserve System

18. **In one theater of this war, forces under Robert Clive ousted Nawab Siraj ud-Daulah from power after the Battle of Plassey. Prussia and Austria negotiated a separate peace deal in this conflict, the Treaty of Hubertusburg. Edward Hawke’s victory at the Battle of Quiberon Bay in one theater of this war prevented an invasion of the British Isles. One painting of this conflict depicts (\*)** General Wolfe bleeding to death during the Battle of Quebec, the North American theater of this war. For 10 points, name this conflict whose namesake comes from its duration and ended with the signing of the Treaty of Paris of 1763.

ANSWER: **Seven Years’ War** [prompt on “French and Indian War”, “Third Carnatic War”, “Pomeranian War”, and “Third Silesian War”]

19. **Many teepees can be seen to the right of a large cliff in the first painting of this series. In the third painting of this series, a man with a red bandana talks to another man who points to the left in front of an elaborate fountain. Smoke can be seen rising behind a Stonehenge-like temple in one painting in this series. In the fourth painting of this series, a** (\*) headless statue, which holds a shield, overlooks a chaotic city. One large white column covered in moss stands alone in the last painting of this series, Desolation. Name this series of five paintings by Thomas Cole, which depict the decay of civilization.

ANSWER: *The* ***Course of Empire***

20. ***The Brotherhood of War* won a Grand Bell Award for its depiction of this conflict. One side during this conflict attacked the Kimpo airfield, destroying several US C-54 Skymasters before the US had even joined the war. After the passage of Resolution 83, one side staged an amphibious assault at (\*)** Inchon during this conflict. By 1953, one side’s capital had shifted control four times. General MacArthur was sacked from his position by Harry S. Truman after threatening nuclear war with China during this conflict. For 10 points, name this war that took place on its namesake peninsula.

ANSWER: **Korean** War [accept **Fatherland Liberation** War or **Hanguk Jeonjaeng**]

TB. **This molecule has an anti-symmetric stretching mode at 2349 inverse centimeters. A ruthenium carbonyl catalyst can be used to produce alcohols from olefins, hydrogen gas, and this compound. A phosphine complex of platinum catalyzes the conversion of hydrogen gas and this compound into formic acid. A supercritical fluid of this molecule is used in (\*)** decaffeination reactions. In the water-gas shift equilibrium, water and carbon monoxide are converted to hydrogen gas and this compound. It’s produced alongside water in combustion reactions and constitutes dry ice. For 10 points, name this compound that has formula CO2.

ANSWER: **carbon dioxide** [accept “**CO2**” until read]

1. This man was a court painter of Philip IV of Spain, for 10 points each:

[10] Name this Baroque artist who painted portraits of the Spanish royal family and other notable figures like Pope Innocent X, culminating in the creation of *Las Meninas* in 1656.

ANSWER: Diego Rodríguez de Silva y **Velázquez**

[10] This Velázquez work depicts the title figure in a sensual pose, lying recumbent on a bed.

ANSWER: ***Rokeby Venus*** [or ***La Venus del espejo***]

[10] In *Rokeby Venus*, Cupid holds up one of these objects. In *The Arnolfini Wedding*, one of these objects allows the viewer to see the artist.

ANSWER: **mirror**

2. In one story, this man emerged from a cave holding a golden staff, and was instructed to build a Temple to the Sun where the staff sank into the Earth. For 10 points each:

[10] Name this mythological man, succeeded by his son Sinchi Ruq’a and married to Mama Ocllo. He is said to have founded the city of Cuzco.

ANSWER: **Manco Cápac** [or **Manqu Qhapaq**]

[10] Cuzco served as the capital of these people, whose mythology includes Manco Cápac, the chief god Viracocha, and the sun god Inti.

ANSWER: **Inca**ns

[10] In the Legend of Manco Cápac and Mama Ocllo, the god Inti brought up Manco Cápac from the depths of this lake. This lake straddles the border of Bolivia and Peru.

ANSWER: Lake **Titicaca** [or **Titiqaqa**]

3. Aminadab tells Aylmer that if he were married to Georgiana, he’d never part with the title object of this work. For 10 points each:

[10] Name this short story in which Aylmer uses a potion to try to rid his wife of the title object that looks like a crimson hand.

ANSWER: “The **Birthmark**”

[10] This American author wrote “The Birthmark.” He also wrote novels like *The House of the Seven Gables* and *The Scarlet Letter*.

ANSWER: Nathaniel **Hawthorne**

[10] In this other Hawthorne short story, Reuben Bourne feels guilty about leaving his fiancee’s father to die in the woods. He later accidentally shoots his son on the same spot where the title character was left to die.

ANSWER: “**Roger Malvin’s Burial**”

4. Some historians speculate that he was born on a boat from Ireland bound for the US, making him ineligible to have been president. For 10 points each:

[10] Name the 7th President of the United States, who lost in 1824 as a result of the “Corrupt Bargain” between Henry Clay and John Quincey Adams.

ANSWER: Andrew **Jackson**

[10] Jackson declared war on this entity after Nicholas Biddle called in all loans, sparking the Panic of 1837. By 1841, this entity was forced to liquidate after Jackson failed to renew it.

ANSWER: Second **B**ank of the **U**nited **S**tates [accept obvious equivalents like **US National Bank**]

[10] This man was appointed as the 5th Chief Justice of the Supreme Court under Jackson. He presided over *Dred Scott v. Sandford* and *Ex parte Merryman*.

ANSWER: Roger Brooke **Taney**

5. Three of the Eight Immortals worshipped in this religion were historical figures. For 10 points each:

[10] Name this religion founded by Laozi.

ANSWER: **Daoism** [or **Taoism**]

[10] This is the central idea of Daoism which focuses on “non-action.”

ANSWER: **wu-wei**

[10] This deity is considered the Chinese version of the Norse giant Ymir and is worshipped in many Daoist shrines.

ANSWER: **Pangu**

6. One man offered AMC $75 Million in order to produce a 6th season of this show. For 10 points each:

[10] Name this original AMC series starring Bryan Cranston as Walter White and Aaron Paul as Jesse Pinkman. On this show, the men run a methamphetamine business in Albuquerque, New Mexico.

ANSWER: **Breaking Bad**

[10] Walter and Jesse’s 99.1% pure meth is given this nickname based off of its color. The color comes from Walter’s use of methylamine instead of pseudoephedrine in the cooking process.

ANSWER: **Blue Sky**

[10] At the end of Season 1, Walter is forced to begin using this alias as competing drug dealers in Albuquerque begin to crack down on him. This alias is the last name of a 20th Century German theoretical physicist.

ANSWER: **Heisenberg**

7. Wolfgang Pauli proposed an early model of the neutrino to account for energy loss in this process. For 10 points each:

[10] Name this process that is mediated by the weak force and comes in both plus and minus forms.

ANSWER: **beta decay**

[10] Beta decay is a subtype of this phenomenon in which an atomic nucleus emits particles and energy to reach stability.

ANSWER: **radioactive decay**

[10] The type of radioactive decay named for these particles usually occurs in heavy atomic nuclei. Ernest Rutherford used these particles in his gold foil experiment.

ANSWER: **alpha** particles

8. This character is one of few who find the charming Richard Mason hideous. For 10 points each:

[10] Name this character who marries Mr. Rochester after coming to Thornfield Hall.

ANSWER: **Jane** **Eyre** [accept either name]

[10] *Jane Eyre* was written by this author of *Villette* and *Shirley.*

ANSWER: **Charlotte Bronte**

[10] After leaving Gateshead, Jane is welcomed by Miss Miller and Miss Temple and meets Helen Burns at this school.

ANSWER: **Lowood** School

9. W.V.O. Quine published a paper establishing Two Dogmas of this philosophical doctrine. For 10 points each:

[10] Name this view that holds that information can only be derived from sensory experience. This view and its opponent rationalism dominated early modern philosophy.

ANSWER: **empiricism**

[10] This English empiricist philosopher claimed that man, in the state of nature, comes together to form communities that protect personal property in his work, *Two Treatises of Government*.

ANSWER: John **Locke**

[10] Locke used this two-word Latin phrase is his work, *An Essay Concerning Human Understanding* to describe how the mind is born as a, “blank slate”.

ANSWER: **tabula rasa**

10. These people worshipped Tangaroa as the deity of the seas and Rongo as the deity of cultivated food, for 10 points each:

[10] Name these indigenous people who signed the Treaty of Waitangi with the British in 1840. These people fought a series of Musket Wars amongst themselves.

ANSWER: **Māori** people

[10] The Māori people are indigenous to this country. Abel Tasman, a Dutch explorer, was the first European to each this archipelago, and James Cook mapped this country’s coastline.

ANSWER: **New Zealand** [accept **Aotearoa**]

[10] Hone Heke, a Māori chief, incited a war named for one of these objects after he cut down one of these that he had gifted to a British Resident Minister named James Busby.

ANSWER: **flagstaff**

11. In this opera, King Herod falls in a pool of Narraboth’s blood and begins hallucinating and lusting while five Jews argue about God. For 10 points each:

[10] Name this dramatic Richard Strauss opera based on a Biblical story in which the title princess has a creepy obsession with the Prophet Jochanaan, or John the Baptist.

ANSWER: ***Salome***

[10] King Herod asks Salome to perform this risque dance in exchange for anything she wants. After performing this dance, the naked Salome demands the severed head of Jochanaan on a silver platter.

ANSWER: “**Dance of the Seven Veils**”

[10] In this much more lighthearted opera by Richard Strauss, a proposal of sorts goes wrong for the Baron Ochs when Octavian, who serves the title role, and Sophie fall in love instead.

ANSWER: *Der* ***Rosenkavalier*** [accept *The* ***Knight of the Rose*** or *The* ***Rose-Bearer***]

12. The gain medium of these devices often has two mirrors on its ends referred to as the optical cavity. For 10 points each:

[10] Name these devices that produce coherent light beams using stimulated emission, often used to produce red light in namesake pointers.

ANSWER: **laser**s

[10] Optical pumping is used to achieve this state in lasers. This state is defined as one in which more particles are in an excited state than the ground state.

ANSWER: **population inversion**

[10] LIGO uses laser interferometry in attempt to directly detect these entities.  Indirect evidence of these ripples in spacetime was found by observing the Hulse-Taylor binary pulsar.

ANSWER: **gravitational waves** [accept **gravity waves**]

13. In 1745, Bonnie Prince Charlie used the support of these people in an attempt to take back the British throne. For 10 points:

[10] Name this political faction that advocated for the restoration of the Roman Catholic Stuart line of British royalty after the deposition of James II of England.

ANSWER: **Jacobites** [do not or prompt on accept “Jacobins”]

[10] James II was forced to abdicate during this period in which he was replaced by his daughter Mary II and her husband William of Orange.

ANSWER: **Glorious Revolution**

[10] The last gasp of the Jacobite movement occurred during this 1746 battle near Inverness, Scotland in which Charles Edward Stuart’s ill-conceived Highland Charge was easily repulsed by loyalist forces under the Duke of Cumberland.

ANSWER: Battle of **Culloden**

14. A specific type of this process used to isolate low molecular weight DNA like mitochondrial DNA and plasmids is named for Hirt. For 10 points each:

[10] Name this procedure often performed on DNA, in which phenol is used to denature proteins and then chloroform is added to the aqueous sample following centrifugation.

ANSWER: DNA **extraction**

[10] This process that makes use of the Taq polymerase amplifies small samples of DNA. Kary Mullis invented this process that copies strands of DNA.

ANSWER: **PCR** [or “**polymerase chain reaction**”]

[10] DNA fragments are transferred to a filter membrane and then studied with probe hybridization in this eponymous blotting method used to detect specific DNA sequences.

ANSWER: **Southern** blot

15. This French writer and protégé of Gustave Flaubert set many of his stories during the Franco-Prussian War, for 10 points each:

[10] Name this man, part of the naturalist school of writers. His first published story, *Ball of Fat*, involves the title prostitute escaping a Prussian occupied city.

ANSWER: Henri René Albert Guy de **Maupassant**

[10] In this Maupassant story, Mathilde loses the title object and purchases a replacement for 36,000 francs, going into debt and spending the next 10 years in poverty repaying it.

ANSWER: *The* ***Necklace***[or *La* ***Parure***]

[10] Mathilde’s husband gives her 400 francs to buy a dress; he had been saving the money to buy this object.

ANSWER: hunting **rifle** [prompt on gun or firearm]

16. Name some things about Augustin-Louis Cauchy. For 10 points each:

[10] A sequence being Cauchy is equivalent to it having this property. This property means that a sequence approaches a finite limit and it is contrasted with divergence.

ANSWER: **convergence** [accept “**convergent**” and other words forms]

[10] Cauchy names one of these statements with Schwarz, which can be used to prove one of these statements named for triangles.

ANSWER: **inequality**

[10] This quantity appears in the denominator outside of the integral in Cauchy’s integral formula for holomorphic functions. Euler’s number to this power equals one.

ANSWER: **2 pi i** [2 times pi times the imaginary number i]

17. This man participates in the ritual killing of his ward Ikemefuna. For 10 points each:

[10] Name this protagonist of *Things Fall Apart* who hangs himself rather than go to trial in a colonial court.

ANSWER: **Okonkwo**

[10] This author of *Things Fall Apart* also wrote about Okonkwo’s grandson Obi’s eventual acceptance of a bribe in *No Longer at Ease.*

ANSWER: Chinua **Achebe**

[10] Achebe criticised this author’s *Heart of Darkness* in his lecture titled “An Image of Africa” for its support of colonialism and othering of African people and cultures.

ANSWER: Joseph **Conrad** [accept Józef Teodor Konrad **Korzeniowski**]

18. This work was rewritten as this ballet after Sergei Diaghilev commissioned it. For 10 points each:

[10] Name this ballet which shows the Miller’s wife running away from The Magistrate in “The Grapes.”

ANSWER: *The* ***Three Cornered Hat***

[10] *The Three Cornered Hat* was created by this composer of Nights in the Gardens of Spain.

ANSWER: Manuel **de Falla**

[10] This artist created sets and costumes for The Three Cornered Hat, but is better known for the works Guernica and Les Demoiselles de Avignon.

ANSWER: Pablo **Picasso**

19. Name some things about deserts in Asia, for 10 points each:

[10] This West Asian desert covers a peninsula of the same name. It is bounded to the right by the Persian Gulf and Gulf of Oman, and to the south by the Gulf of Aden.

ANSWER: **Arabian** Desert

[10] This desert is a result of the Himalayas blocking rainclouds from delivering moisture. Governments are attempted to block its desertification of further land by planting a Green Wall.

ANSWER: **Gobi** Desert

[10] The Taklamakan Desert, located in this nation, is to the immediate west of the Gobi desert.

ANSWER: People’s Republic of **China** [or **Zhōngguó**]

20. Roughly one quarter of this city was burned during the a sixth century revolt, including the second construction of the Hagia Sophia. For 10 points each:

[10] Name this city, whose namesake was the Roman emperor who established it as capital of the Eastern Roman Empire. It remained the capital of the Byzantine Empire until 1453.

ANSWER: **Constantinople**

[10] The Byzantines fought a series of wars with this empire. Shapur the Great was one ruler of this empire. It was the final, non-Islamic dynasty to rule over all of Persia.

ANSWER: **Sassanian** Empire [accept **Sassanid** Empire]

[10] Under Odenathus, this city’s garrison captured Shapur’s harem and reconquered most of the Sassanid’s gains in Anatolia. Located in modern-day Syria, this city’s ruins were destroyed by ISIS in 2015.

ANSWER: **Palmyra**

TB. This work advises the reader to leave an outlet open when surrounding an enemy’s army. For 10 points each:

[10] Name this ancient text on military strategy, filled with maxims such as “appear weak when you are strong, and strong when you are weak.”

ANSWER: *The* ***Art of War***

[10] This military commander wrote *The* *Art of War* during the Warring States Period on strips of bamboo. He trained 180 of the king’s concubines to be soldiers as proof of his abilities.

ANSWER: **Sun** Tzu [accept **Sun** Zi, **Sun** Wu, or **Changqing**]

[10] In *The Art of War*, Sun Tzu recommends this action to drive troops from their camp when the wind allows. This action is also the title of the penultimate chapter of the text.

ANSWER: **attacking by fire** [accept obvious equivalents, like **burning**]