

## Governor's School Academic Competition XXV

### Round 12

#### TOSSUPS

1. **One poet in this language wrote a symbolist epic about King Sebastian under the heteronym Alexander Search, titled *Message*. In a novel in this language, the title character's last words are "Men, forgive Him, for He knows not what He has done." In another novel in this language, the King of Ward 3 is stabbed by the (\*) Doctor's Wife, who is the only one without the title condition. A national epic in this language of Fernando Pessoa celebrates the discovery of a sea route to India by Vasco da Gama. For 10 points, name this language of the novels *The Gospel According to Jesus Christ* and *Blindness* by José Saramago.**  
ANSWER: Portuguese

2. **The Tlalocan, one of these landmarks, is ruled by the Aztec storm god Tlaloc as a paradise for those who died of waterborne diseases. Yu Shi lives on one of these features, the same location where flood survivors Nüwa and Fuxi get married. Hades and Poseidon were born on one of these features called (\*) Othrys, and the Buddha's footprint is located near the top of one of these geographical features. Hanuman picks up one of these in an effort to resurrect Lakshmana in the *Ramayana*. For 10 points, the Greek pantheon lived on an example of what geographical feature named Olympus?**  
ANSWER: mountain [accept peak, ridge, and summit; prompt on "large hill"]

3. **This author wrote about Eben Cabot, who goes to jail with his father's wife Abbie Putnam after she kills their baby in *Desire Under the Elms*. In another work by this author, the daughter of a steel tycoon, Mildred Douglas, calls the coal stoker Yank a "dirty beast." This man set another one of his plays in (\*) Harry Hope's Saloon, where the "Great Salesman" Hickey tells his friends to give up on their pipe dreams. This author of *The Hairy Ape* wrote about the mother of the Tyrone family, Mary, who suffers from morphine addiction. For 10 points, name this American playwright of *The Iceman Cometh* and *A Long Day's Journey into Night*.**  
ANSWER: Eugene O'Neill

4. **At the World Food Summit, this leader gave a lecture to 500 Italian girls in an attempt to convert them to Islam. It's not Nasser, but his Free Officers movement launched Operation Jerusalem to depose the Senussi monarchy. This leader pitched his bulletproof (\*) Bedouin tent on one of Donald Trump's estates after not being allowed in Central Park. An all-female unit nicknamed the Amazonian Guard protected this leader, who published his political philosophy in *The Green Book* and unsuccessfully supported a Pan-Arab Union. For 10 points, name this former Prime Minister of Libya who was killed on live TV in 2011.**  
ANSWER: Colonel Muammar al-Gaddafi [or Qaddafi]

5. **A tree comes out of the hand of a man wearing a yellow cross at the bottom of this work. That figure wears a red ring and a red cap embroidered with triangles. Two upside-down houses lie between a yellow church and three houses in this painting that depicts the artist's memories of his native city (\*) Vitebsk.** On the upper-left corner of this work, a woman collects milk from a cow and a woman plays the violin next to a scythe-wielding man. The two central figures are a lamb and a green-colored man gazing into each other's eyes. For ten points, name this Cubist painting by Marc Chagall.

ANSWER: *I and the Village*

6. **This film opens with a dream sequence edited over top of a hotel ceiling fan. A redux version of this movie features an extended sequence at a rubber plantation where a child recites "The Albatross". The climax of this film is intercut with shots of a (\*) cow getting butchered.** One scene has the playmate of the year dance to Suzie Q to entertain soldiers. In this film, Lieutenant Colonel Kilgore, played by Robert Duvall, exclaims "I love the smell of Napalm in the morning." For ten points, name this Francis Ford Coppola war epic, an adaptation of Heart of Darkness, set in Vietnam

ANSWER: *Apocalypse Now*

7. **Using the transcription factor daf-16, one organism from this phylum changes from a larvae to its dauer stage in unfavorable environmental conditions. Mebendazole can treat trichinosis and ascariasis, which are caused by members of this phylum. Organisms in this phylum contain a pseudocoelom, and it contains the classes (\*) Chromadorea, Enoplea, and Secernentea.** This phylum contains organisms with the simplest two-way tubular digestive system and contains the model organism *C. elegans*. For 10 points, name this phylum of roundworms that contains the pinworm and hookworm.

ANSWER: *Nematoda* [or *nematodes*; prompt on "roundworms" until mentioned]

8. **An ebony clock startles the guests of a party that is interrupted by one of these events, which kills Prince Prospero. A journal account of one of these events that struck London in 1665 includes weekly mortality bills and was written by (\*) Daniel Defoe.** "The Masque of the Red Death" is about one of these events whose "Avatar" is blood. In one novel, an infestation of rats in the town of Oran foreshadows one of these titular events, victims of which are treated by Dr. Rieux and quarantined. For 10 points, name these deadly and infectious events that title a novel by Albert Camus.

ANSWER: *plagues* [accept obvious equivalents that indicate an *outbreak* of *disease*; prompt on "The Red Death" by asking "Which is an example of what?"]

9. **Unison A-major arpeggios in the strings open the second section of this piece, which is marked allegro. This composition was originally scored for just a thirteen-player chamber orchestra, including a double string quartet. In a movement called "The Revivalist and his Flock" in this ballet, a (\*) newlywed couple observes a sermon accompanied by square dances and country fiddles.** In this ballet, pioneers build a Pennsylvania farmhouse, and this ballet includes a solo clarinet playing the Shaker melody "Simple Gifts". For 10 points, name this 1944 American ballet and orchestral suite composed by Aaron Copland.

ANSWER: *Appalachian Spring*

10. **The noctilucent type of these objects only form during the summer, and their floccus type can create virga. Their “arcus” varieties are examples of the vertical accessory type of these objects. Irisation can occur with their lenticularis forms, and the (\*) “pileus” type of these objects lie on top of their more common varieties. Aircraft exhaust creates contrails, which are artificial forms of them, and seeding these weather phenomena with silver iodide can increase precipitation. For 10 points, name these masses of atmospheric water and ice that come in cumulus, stratus, and nimbus varieties.**

ANSWER: clouds

11. **This poem addresses a subject “That leaves a heart high-sorrowful and cloyed” because of its “All breathing human passion far above.” One section of this poem asks “What men or gods are these?” and “What maidens loth?” to a (\*) “Sylvan historian.” The narrator of this poem claims that “soft pipes, play on” because “Heard melodies are sweet, but those unheard / Are sweeter.” This poem describes the title object as a “foster-child of silence and slow time,” whose “silent form” reminds man that “Beauty is truth, truth beauty.” For 10 points, name this poem about a title piece of ancient pottery by John Keats.**

ANSWER: “Ode on a Grecian Urn”

12. **Robin of Redesdale led an insurrection during this war, and after the passing of an Act of Accord, Lord Fauconberg and the Duke of Norfolk won the Battle of Towton in this war. Richard Neville, also known as Warwick the Kingmaker, switched his support between two parties in this war that began at the first battle of (\*) St. Albans with the capture of Henry VI. This war ended at the Battle of Bosworth Field, where Richard III was defeated by Henry VII of the House of Tudor. For 10 points, name this war fought between the Houses of York and Lancaster, named after the flowery crests of the two houses.**

ANSWER: Wars of the Roses

13. **Two researchers incorrectly claimed in 2002 that this process could occur in the conditions of imploded cavitations in liquid acetone. Mark Oliphant was the first to demonstrate this phenomenon in a lab. One method to achieve this process involves heating and compressing a pellet of (\*) deuterium and tritium. The CNO cycle and the proton-proton chain are examples of this process that occur in stars, where its heaviest possible product is iron. This process’s “cold” type would occur at room temperature. For 10 points, name this nuclear reaction in which atoms of lighter elements collide to form heavier elements.**

ANSWER: nuclear fusion [do not accept or prompt on “nuclear fission”]

14. **A music video for a song by this band ends with a practice set on fire after the group plays underwater in a flooded house. That song by this band describes doing the title action “cause I love the adrenaline in my veins.” One song by them, in which the speaker instructs the listener to “Have a seat in the foyer, take a number,” begins “Just a (\*) young gun, with a quick fuse.” This band wrote “Whatever It Takes,” as well as another song that states “I let the bullets fly, oh let them rain” before repeating the word “Pain.” For 10 points, name this band that released their album *Evolve*, which includes the songs “Believer” and “Thunder.”**

ANSWER: Imagine Dragons

15. **This philosopher attacked Meinongian object theory with his idea of “definite descriptions.” He argued that we call something “good” when we desire it, and “bad” when we have an aversion from it. This philosopher demonstrated that the proof of burden should be on (\*) believers and not disbelievers in his teapot analogy. His attempts to formalize mathematics with axiomatic logic were refuted by Godel’s incompleteness theorem. For 10 points, name this British philosopher who, along with Alfred Whitehead, wrote *Principia Mathematica*.**

ANSWER: Bertrand Russell

16. **Under the leadership of this figure’s predecessor, this politician served as Minister for Women and Equalities. In 2002, this politician stated at a party conference that their party needed to repair its image as the “Nasty Party.” In December 2017, this figure was the target of a (\*) thwarted Islamist assassination plot, months after this person defended “pluralistic British values” in a speech before eking out a deal with the Democratic Unionist Party to maintain government control. For 10 points, name the current Prime Minister of the United Kingdom, who began the formal Brexit process in 2017.**

ANSWER: Theresa Mary May

17. **In *On the Trail of Ancient Man*, Roy Andrews alleged that a “death worm” lives in this region. Large amounts of copper and gold are mined in the Oyu Tolgoi mine in this region. It covers the Omnogovi Province and Khongoryn Els, and the Emin Valley steppe lies to the west of its Dzungarian Basin. This region, the native habitat of (\*) Bactrian camels, contains a string of oases called the Northern Silk Road. It is bounded by the Altai Mountains and the North China Plain and is formed by the rainshadow of the Tibetan Plateau. for 10 points, name this desert that covers northwestern China and southern Mongolia.**

ANSWER: Gobi Desert

18. **The heaviest element in this group is named after a California laboratory. Bismuth decays into an element of this group via beta-minus decay; that element was the first radioactive element discovered by Marie Curie. Fourteen atoms of an element in this group are consumed in the combustion of (\*) ethane, and perchlorates contain four atoms from this group. Members of this group include selenium, tellurium, and polonium. For 10 points, name this group containing elements with six valence electrons, including oxygen.**

ANSWER: chalcogens [accept group 16; accept oxygen family before “oxygen” is read]

19. ***Thalers* from what is now Jáchymov were once made out of this material. It’s not lead, but ancient Greeks extracted this material from galena. One nation’s production of this commodity famously peaked with the discovery of the Cerro de Potosi in Bolivia, which then caused massive (\*) inflation in the Spanish Empire. From one troy pound of this metal, Saxon kingdoms once minted 240 sterlings, which also named an alloy of this metal and copper often made into cutlery and jewelry. For 10 points, name this luxury metal that the Romans called argentum.**

ANSWER: silver [prompt on “metal” before galena]

20. **Richard Oglesby commuted the death sentences of two people involved in this event, while an editor of the *Arbeiter-Zeitung* sang *La Marseillaise* before being hung for his role in it. A *New York Times* article about this event was titled “Anarchy’s Red Hand”. The day prior to this event, August (\*) Spies told a group of striking workers to “hold together... stand by their union” during a speech at the McCormick Harvesting Machine Co. plant. Samuel Fielden spoke just before this event, which began when a bomb was thrown at police during a demonstration for eight-hour work days. For 10 points, name this 1886 riot in a Chicago square.**  
ANSWER: Haymarket Square riot [accept Haymarket affair; accept Haymarket massacre]

TIEBREAKER

21. **Onsager’s equations explain the “multicomponent” type of this process, and the Teorell formula modeled this process using Einstein mobility. The motion of the interface between two metals resulting from this quantity is called the Kirkendall effect. Its flux is equal to the negative concentration gradient in (\*) Fick’s law. Its “facilitated” form, a type of passive transport, occur in protein channels. Osmosis is a form of this phenomenon where water is transported. For 10 points, name this movement of a substance from an area of high to low concentration.**  
ANSWER: diffusion

**BONUSES**

1. One story in this collection follows the episode of Mr. Pinzada, a botany professor who lives in New England while his country undergoes a civil war, for 10 points each:

[10] Name this collection of stories. The eponymous story concerns the Das family, who during their vacation nearly lose their son Bobby to monkeys.

ANSWER: **Interpreter of Maladies**

[10] Many of the stories in *Interpreter of Maladies* concern people from *this country*, such as the 64-year-old Boori Ma, a woman from Calcutta.

ANSWER: Republic of **India**

[10] This Indian-American woman penned *Interpreter of Maladies* and her latest novel, *The Lowland*, was a candidate for the 2013 Man Booker prize.

ANSWER: Nilanjana Sudeshna “Jhumpa” **Lahiri**

2. This novel opens at the Korova Milk Bar before the protagonist and his gang embark on a drug-induced crime rampage. For 10 points each:

[10] Name this novel, in which the protagonist Alex is captured by the state and forced to undergo the Ludovico technique.

ANSWER: **A Clockwork Orange**

[10] This author wrote about Alex and his gang of “droogs” in *A Clockwork Orange*.

ANSWER: Anthony **Burgess**

[10] After being cured of his violent tendencies and released back into society, Alex is beat and left for dead by his past friends, until he is rescued by this man, whom he had robbed in the past.

ANSWER: **F. Alexander** [prompt on partial]

3. Pope Leo X ex-communicated this man in 1521 after this man protested the selling of indulgences. For 10 points each:

[10] Name this German monk who allegedly nailed his *Ninety-Five Theses* to the door of All-Saints Church in Wittenberg, thereby beginning the Protestant Reformation.

ANSWER: Martin **Luther**

[10] This “peace” established the principle of *cuius regio, eius religio*. This treaty between Holy Roman Emperor Charles V and the Schmalkaldic League allowed rulers to choose between Lutheranism and Catholicism in their region.

ANSWER: **Peace of Augsburg** [accept **Augsburg Settlement**; prompt on “Augsburg”]

[10] This country’s reformation, which led many people to convert to Calvinism, utilized texts such as the *Book of Common Order* and *First Book of Discipline*.

ANSWER: **Scotland**

4. Answer the following about easily-visible stars in the night sky, for 10 points each:

[10] Name this star found at the end of the Little Dipper. It is also called the North Star.

ANSWER: **Polaris** [accept **Alpha Ursae Minoris**; prompt on “Ursa Minor”]

[10] This red supergiant is the ninth-brightest star in the night sky and the second-brightest in the Orion constellation. It marks the center of the Winter Hexagon.

ANSWER: **Betelgeuse** [accept **Alpha Orionis**]

[10] Though this red dwarf star is not easily-visible from Earth, it is the closest star to the Sun at approximately 4.25 light-years away.

ANSWER: **Proxima Centauri** [accept **Alpha Centauri C**]

5. *Ngangkari* are traditional healers and community leaders from this culture. For 10 points each:

[10] Along with the Torres Strait Islanders, this group of indigenous Australians inhabited the island before the arrival of the British.

ANSWER: Australian **Aboriginals** [accept **Aborigines**]

[10] This term refers to the “everywhen” temporal setting of Aboriginal oral tradition. During this period, figures with supernatural abilities roamed the land.

ANSWER: **Dreamtime**

[10] In one story set in Dreamtime, Goomblegubbon the Bustard is jealous of Dinewan, who, like other emus, is a bird that cannot do this.

ANSWER: **fly** [accept word forms like **flying**; accept **flightless** birds]

6. Name some states that adopted Christianity early as their official religion, for 10 points each:

[10] The first Christian state was this modern-day country, following the conversion of the Royal House of the Arsacids. This nation’s current capital is Yerevan.

ANSWER: **Armenia**

[10] About 80 years later, this empire adopted Christianity with the Edict of Thessalonica. This empire’s ruler Constantine I first allowed Christianity in his realms with the Edict of Milan.

ANSWER: **Roman** Empire [accept specific answers, like Western/Eastern **Roman** Empire and **Byzantine** Empire]

[10] After King Ezana’s conversion to Christianity, his empire in this modern-day African country adopted the religion. Services in this country are performed in Oromo, Amharic, and Ge’ez.

ANSWER: **Ethiopia**

7. Answer some questions about influences of war in music, for 10 points each:

[10] This composer of wrote his *War Requiem* for the consecration of a newly-built Coventry Cathedral after it was destroyed in a World War II bombing.

ANSWER: Benjamin **Britten**

[10] The first movement of Gustav Holst’s *The Planets* is named after this Roman god of war.

ANSWER: **Mars**

[10] This George Friedrich Handel piece includes movements like *La Paix* and *La Rejouissance*. King George II commissioned this piece to celebrate the end of the War of Austrian Succession.

ANSWER: **Music for the Royal Fireworks**

8. Answer the following about reactions in organic chemistry, for 10 points each:

[10] The Diels-Alder reaction reacts a diene with one of these compounds. These organic compounds have at least one double bond.

ANSWER: **alkenes**

[10] This process saturates hydrocarbons with its namesake element. It usually occurs in the presence of a palladium or platinum catalyst.

ANSWER: **hydrogenation**

[10] This reaction acylates aromatic rings through the reaction of arenes and acyl chlorides using a strong Lewis acid catalyst.

ANSWER: **Friedel-Crafts** acylation

9. In the 1980's, right-wing Christian groups accused this game of promoting Satanic rituals and witchcraft. For 10 points each:

[10] Name this tabletop role-playing game in which each player chooses a race, class, and alignment for their own character and adventures through this game's fantasy setting.

ANSWER: **Dungeons and Dragons** [accept **D&D**]

[10] Players of Dungeons and Dragons most commonly roll this type of dice when making skill checks or saving throws. This platonic solid's shape was once associated with water.

ANSWER: **20**-sided **d**ice

[10] While D&D was first published by Tactical Studies Rules, Inc., it is now published by this subsidiary of Hasbro, the same company that publishes *Magic: The Gathering* and the *Pokemon Trading Card Game*.

ANSWER: **Wizards of the Coast** LLC [accept **Wizards**]

10. Name some geographical features on the African continent, for 10 points each:

[10] This largest in the world spans much of North Africa.

ANSWER: The **Sahara**

[10] This zone marks the transition between the Sahara Desert to the north and Savanna to the south. This area includes much of Mali, Niger, Chad, and Sudan and is characterized by a semi-arid hot climate.

ANSWER: The **Sahel**

[10] This feature in Botswana forms where the river of the same name reaches a trough in the Kalahari. This area hits peak flooding between June and August, when significant numbers of wildlife migrate to this feature.

ANSWER: **Okavango Delta** [prompt on "Okavango" or "Okavango River"]



11. Answer the following about Prohibition, for 10 points each:

[10] This constitutional amendment instituted the policy of Prohibition. It was later repealed with the passage of the 21st Amendment.

ANSWER: **18th** Amendment

[10] Congress passed this law, named after the chair of the House judiciary committee, to enforce the provisions of the 18th Amendment. President Wilson vetoed this bill, but his veto was overridden.

ANSWER: **Volstead Act**

[10] Together, Johnny Torrio and this man made millions by bootlegging in Chicago during the Prohibition era. This infamous gangster masterminded the St. Valentine's Day Massacre.

ANSWER: Alphonse "Al" Gabriel **Capone**

12. Albert Speer, Adolf Hitler's chief architect, designed this chancellery for the Third Reich.

For 10 points each:

[10] This monumental building would have had a secret passage to Hitler's palace, had WW2 not delayed its construction. An eagle clutching the world would have sat atop its enormous dome.

ANSWER: **Volkshalle** [accept **Großehall** and **Ruhmeshalle**]

[10] Speer also made plans to completely revamp this home of the Brandenburg Gate with wider streets and an improved railway system. This city is the capital of Germany.

ANSWER: **Berlin**

[10] The Volkshalle's portico supported by ten columns was largely inspired by this Roman temple built by Hadrian whose portico has sixteen Corinthian columns.

ANSWER: the Roman **Pantheon**

13. Answer the following about a certain American president in art, for 10 points each:

[10] Name this president who is shown crossing the Delaware River with the Continental Army in a painting by Emanuel Gottlieb Leutze.

ANSWER: George **Washington**

[10] This portrait shows George Washington at age 64 renouncing a third term as president. He holds a dress sword in this portrait, as a rainbow appears on its right side.

ANSWER: **Landsdowne** portrait

[10] This man painted the Landsdowne portrait, along with portraits of six other U.S. presidents. His depiction of Washington in *The Athenaeum* appears on the one-dollar bill.

ANSWER: Gilbert **Stuart**

14. Answer the following about a philosophy that developed during the "Hundred Schools of Thought" period in China. For 10 points each:

[10] This philosopher's namesake school emphasized the importance of morality and social relationships, and his teachings were compiled in *The Analects*.

ANSWER: **Confucius**

[10] This ideology emerged after the warring states period and reached its peak under the Qin dynasty, emphasizing increased order, security, and stability through laws and standards.

ANSWER: **Legalism**

[10] This school was best known for its concept of "impartial care," which rivaled the Confucian notion of filial piety, and its administrative thought was eventually absorbed by Legalism.

ANSWER: **Mohism**

15. The Weird Sisters are three of these types of people in Macbeth. For 10 points each:

[10] Name these people, whom Young Goodman Brown spends a night with in a Hawthorne short story, and Martha Corey and John Proctor are accused of being in Arthur Miller's *The Crucible*.

ANSWER: **witches**

[10] This American author wrote about the lives of Alexandra, Jane, and Sookie, who all have an affair with Darryl Van Horne in his novel *The Witches of Eastwick*.

ANSWER: John **Updike**

[10] In Frank Baum's novel *The Wizard of Oz*, Dorothy's house crushes this witch, thus liberating the Munchkins from bondage.

ANSWER: The **Wicked Witch of the East**

16. Gold and silver bands on these devices signify their tolerance, for 10 points each:

[10] Name these devices used to dissipate electrical power as heat. Their namesake quantity is measured in ohms.

ANSWER: **resistors**

[10] This quantity, symbolized Z, is a form of resistance applied to AC circuits. Its imaginary part is reactance, and its reciprocal is admittance.

ANSWER: electrical **impedance**

[10] This structure contains four resistors and a voltmeter set up in a diamond shape. This circuit is used to accurately measure the unknown resistance of one resistor.

ANSWER: **Wheatstone bridge**

17. One of the most famous and effective commanders of this group was Ahmad Shah Massoud, known as the "Lion of the Panjshir." For 10 points each:

[10] Name this rebel group, that received financial support and stinger missiles from the U.S. under Operation Cyclone.

ANSWER: **mujahideen**

[10] In a war with the USSR in this country from 1979 to 1989, the insurgent *mujahideen* fought against the Soviet army and the newly formed Democratic Republic of this country.

ANSWER: **Afghanistan**

[10] This Soviet leader, who succeeded Khrushchev, agreed to a full intervention in Afghanistan. His aggressive foreign policy was demonstrated by his invasion of Czechoslovakia in 1968.

ANSWER: Leonid **Brezhnev**

18. This organelle is surrounded by a membrane called the tonoplast in plants, for 10 points each:

[10] Name this organelle, formed by the fusion of multiple vesicles, that store water containing inorganic and organic molecules.

ANSWER: **vacuole**

[10] In plants, vacuoles maintain this property of a plant cell through osmosis. It is defined as the force within the cell that pushes the cell membrane against the cell wall.

ANSWER: **Turgor pressure** [accept **hydrostatic pressure**]

[10] These membrane proteins regulate the flow of water into and out of the cell. Peter Agre won the Nobel Prize in Chemistry in 2003 for their discovery.

ANSWER: **aquaporins**

19. The Greeks identified this deity with Hermes and renamed the sight of his main cult “Hermopolis.” For 10 points each:

[10] Name this Egyptian god, who counseled Horus on how to restore his left eye. He is often depicted with the head of a baboon or an ibis.

ANSWER: **Thoth** [accept **Tehuti**]

[10] In addition to writing, medicine, and magic, Thoth is often credited with the creation of the 365-day version of this construct, replacing an earlier 360-day version.

ANSWER: **calendar** [accept **year**]

[10] Thoth gambled with the moon Khonsu for those extra five days so that this sky goddess could give birth to Osiris, Horus, Set, Isis, and Nephthys.

ANSWER: **Nut**

20. One of this author’s plays was simply called *Play* and he often incorporated bicycles into works such as his novel *Molloy*. For 10 points each:

[10] Name this playwright of a one-act about a man who “[revels] in the word spool” on his 69th birthday in *Krapp’s Last Tape*.

ANSWER: Samuel **Beckett**

[10] Beckett also wrote this play about Vladimir and Estragon, who encounter Lucky and Pozzo while doing the title action and resolve to hang themselves if a certain figure fails to arrive.

ANSWER: **Waiting for Godot** [accept **En attendant de Godot**]

[10] In return for their company, Pozzo offers that Lucky either think or do this action to entertain Didi and Gogo. Lucky performs this action by doing “the Net”, which is really just an awkward shuffle.

ANSWER: **dancing** [accept different word forms]

TIEBREAKER

21. He was succeeded by Zidan Abu Maali in Marrakech and Abou Fares Abdallah in Fes, for 10 points each:

[10] Name this fifth son of Mohammed ash-Sheikh who, after the death of his brother Abd al-Malik, took power in 1578 as the sultan of Morocco.

ANSWER: Ahmad **al-Mansur**

[10] Al-Mansur’s brother died in the battle of Ksar El Kebir, which also allowed Henry the Cardinal to take power in this Iberian kingdom. Prince Henry the Navigator also hailed from this nation.

ANSWER: **Portugal**

[10] At the Battle of Tondibi, the Moroccan army defeated the forces of Askia Ishaq II, who in 1588 took power in this African empire, a center of Trans-Saharan trade.

ANSWER: **Songhai** Empire