ROUND 6: TOSSUPS

1. Born in Calcutta in 1861, he was knighted in 1915 for founding Santiniketan, or "Abode of Peace". He wrote 3,000 poems, 8 novels, 40 volumes of essays and stories, and 50 plays, drawing inspiration from literary traditions of India and England. FTP, name this Indian author, who won the 1913 Nobel Prize for Literature for his collection *Song Offerings*.
ANSWER: Rabindranath **Tagore** [ruh-BIN-druh-naht tuh-GOR]

2. His Congress party has been accused of accepting money from the Jain family by L.K. Advani, leader of the opposition Bharatiya Janata Party, but Advani himself is under investigation for the same crime and seems to be convincing few voters. FTP, who is this troubled prime minister of India?
ANSWER: Narasimha **Rao**

3. This task can be accomplished using Simpson's rule, which approximates the function in question using parabolas. To obtain a less accurate result, the trapezoid rule and the midpoint rule can be used. But even both of these methods are more accurate than using Riemann sums. FTP identify this mathematical technique that calculates the area under a curve.
ANSWER: definite **integral** or **integration**

4. At its time the most expensive film in American movie history, this famous picture took a big bath at the box office despite the star power of Elizabeth Taylor and Richard Burton. FTP, name this 1963 film in which Taylor became the first actor to receive $1 million for a single role as she depicted the Egyptian title character.
ANSWER: *Cleopatra*

5. Many people once travelled this recently-renamed New York City route to watch the Brooklyn Dodgers play at Ebbets Field in Queens. Then it was known as the Interboro Parkway, but it has recently been renamed to remember the memorable Dodger who stole home in the 1955 World Series. FTP identify this parkway, named for the first African-American in Major League Baseball.
ANSWER: **Jackie Robinson** Parkway

6. Usually occurring about 5 months into pregnancy, this is the medical term for the time when the mother first feels the fetus moving. FTP, what is the term that is also given to the experience Immortals have when they take another Immortal's head in the *Highlander* movies and series?
ANSWER: The **Quickening** [prompt on "quicken"]

7. In Turkish, *ye-di*. In Armenian, *ew-t'n*. In Arabic, *sa'a-ba*. In Persian, *haft*. In Russian *syem*. In Welsh, *saith*. In Irish, *se-acht* [SAY-aht]. In Bengali, *sat*. In Swedish, *sju*. All of these are words, FTP, for what number, *hepta* in Greek, the title of a Brad Pitt film, and the number of this tournament?
ANSWER: **Seven**

8. They have no legs, but each one has a head and *two* tails. They like to keep their heads in water, but their tails abhor it. In aqueous solution, they form bilayers, and are the primary component of mammalian cell membranes. FTP, name these molecules with hydrophilic phosphate heads and hydrophobic lipid tails.
ANSWER: **phospholipid**s

9. Few people have equaled this thinker's influence in politics, education, and literature. He viewed education as the the drawing out of what the child already knows, and also longed for a greater closeness with nature. These views are exhibited in works such as the *Nouvelle Heloise, Emile,* and the *Confessions.* FTP, identify this 18th-century French philosopher, author of *The Social Contract.*
ANSWER: Jean-Jacques **Rousseau**

10. Initiated in 1915 in response to an appeal by the commander of the Russian armies, during this campaign, Mustafa Kemal was hailed as the Turkish savior even though Turkish losses were as great as those of the British. The goal was to occupy Constantinople. FTP identify this World War I Allied campaign that was made into a film starring a very young Mel Gibson.
ANSWER: **Gallipoli** or **Dardanelles**

11. This early 20th century art movement thrived best in cities like Z,rich, New York City, and Berlin. Artists such as Marcel Duchamp, Jean Arp, Marcel Janco, and Emmy Hennings became disgusted with bourgeois values and WWI's carnage, and sought reality by abandoning traditional culture and aesthetic forms. FTP, identify this trend named for the French word for "hobby-horse".
ANSWER: **Dada**ism

12. "The church bells all were broken." "Eight miles high and falling fast." "While we sang dirges in the dark." "Bad news on the doorstep." "I drove my Chevy to the levy but the levy was dry." These are all lines, FTP, from what song lamenting the death of Buddy Holly?
ANSWER: "Bye, Bye, Miss **American Pie**" by Don MacLean

13. Its first performance was on January 15, 1941, in a German prison camp. In eight movements, it is scored for clarinet, violin, cello, and piano. FTP, name this work by Olivier Messiaen, whose name is a reference to the seventh angel, who will announce that "there should be time no longer."
ANSWER: *Quartet for the End of Time* or *Le Quattuor pour le fin de temps*

14. Attorney General Elliot Richardson and Deputy Attorney General William D. Ruckelshaus resigned in protest when Archibald Cox, having rejected Nixon's offer to provide summaries of the White House audio tapes, was fired on October 20, 1973. FTP identify this horrific-sounding sequence of events that led to calls for Nixon's impeachment.
ANSWER: **Saturday Night Massacre**

15. In Sanskrit, it means "the running around." In Hinduism and Buddhism, it is the lot of the soul after it falls from its original self-consciousness and bliss. *Moksha,* or release from the bonds of one's *karman,* will break, FTP, what cycle of rebirth?
ANSWER: *samsara*

16. Like Moses, legend holds this Mesopotamian king was found in a basket on the Euphrates. He became cupbearer to the ruler of Kish in northern Sumeria, and later defeated the king of Erech, thus conquering all of Sumeria, even though Sumerian was not his native tongue. FTP, name this king, namesake of a computer chess program, whose capital Akkad has never been found.
ANSWER: **Sargon** of Akkad

17. He collaborated with his wife on *A Book of Americans,* a poetry collection on historical themes for schoolchildren. At his death he had only completed Book 1 of another historically themed work, *Western Star.* FTP name this man, best known for the narrative poem "John Brown's Body" and the short story "The Devil and Daniel Webster."
ANSWER: Stephen Vincent **Benet**

18. Son of a Maryland tobacco grower, he began his political career as a delegate in the Maryland House of Delegates. He later served as Andrew Jackson's Attorney General. As Supreme Court Chief Justice he supported federalism despite being a Southerner. His Southern bias, however, became clear in an 1857 ruling. FTP, name this man, famous for the *Dred Scott* verdict.
ANSWER: Roger Brooke **Taney** [TAW-nee]

19. Born in 1890 in Torquay, England, this author married archaeologist Sir Max Mallowan in 1930. Their trips to excavations in Syria and Iraq led to ideas for some of her books, such as *Death Comes as the End* and *Murder in Mesopotamia*. These excursions, though, had nothing to do with the plot of, FTP, what mystery writer's *Murder on the Orient Express*?
ANSWER: Dame Agatha **Christie**

20. The French newspaper *Le Monde* recently called this town of 35,000 the "capital of total communication." That's because it is part of the BEV project, a cooperative effort involving Bell Atlantic that hopes to make the whole town an electronic village. FTP, name this town in southwestern Virginia, over two-thirds of whose population attend Virginia Tech.
ANSWER: **Blacksburg**, VA

21. His research led to the construction of a Soviet hydrogen bomb. Over time he abandoned his research and became a spokesman for civil rights, leading to his 1980 exile to Gorky. FTP, name this Nobel Peace Prize-winning physicist who died in 1989.
ANSWER: Andrey Dmitriyevich **Sakharov**

22. Guarani. Florin. Krone. Cruzeiro. Kwanza. Drachma. Peso. FAQTP, what are these, the most common of which are dollars and francs?
ANSWER: **currencies** (accept equivalents at your discretion)

23. His career began in the Spanish army, where he rose to the rank of captain. Known for arguing both sides of an issue, he became a national hero after repelling the 1829 Spanish attack on Mexico, where he soon became dictator. FTP name this man who—despite his victory at the Alamo—was deposed in 1839 after his defeat in Texas.
ANSWER: Antonio López de **Santa Anna**

ROUND 6: BONI
Bulldog High School Academic Tournament VII

1. Answer the following creatively related questions, 10 points each.
a.   Louis Pasteur designed an antibody against this cattle disease.
      ANSWER: **anthrax**
b.   These birds return to San Luis Capistrano every year.
      ANSWER: **swallows**
c.   In French and Spanish, this two-letter word can mean both "neither" and "nor".
      ANSWER: **ni**

2. Given the corpse, identify the city where he or she was assassinated for ten points each.
a.   William McKinley   ANSWER: **Buffalo**, New York
b.   Anwar el-Sadat   ANSWER: **Cairo**, Egypt
c.   Yitzhak Rabin   ANSWER: **Tel Aviv**, Israel

3. Identify the play on a 15-5 basis: 15 points from a synopsis, 5 points if you need the authors.
a.   15:   Dionysus exacts his punishment on the town of Thebes and its young ruler Pentheus for
             disbelieving his existence.
      5:     Euripides
             ANSWER: *The **Bacchae***
b.   15:   A man and two women spend eternity together in a badly decorated hotel room.
      5:     Jean-Paul Sartre
             ANSWER: *No Exit* or *Huis Clos*

4. Identify the year of the following events for the stated number of points.
a.   The Peace of Paris ends the Seven Years War.   ANSWER: **1763**
b.   The Peace of Paris end the American Revolution   ANSWER: **1783**
c.   Lateran Treaty creates the Vatican City   ANSWER: 19**29**

5. Identify these terms discussed in *A Brief History of Time*, 10 points each.
a.   As opposed to astronomy, the study of stars, this is the study of the entire universe.
      ANSWER: **cosmology**
b.   The universe is postulated to have started in a Big Bang. Some cosmologists have proposed the
      future contraction of the Universe into another singularity, an event known by this name.
      ANSWER: the **Big Crunch**
c.   Roger Penrose proposed this theory, which he stated as "God abhors a naked singularity."
      ANSWER: the **cosmic censorship** principle

6. 30-20-10. Name the playwright from works.
30:    He wrote the play *Catiline* while working as an apothecary's assistant.
20:    *The Pretenders* missed being staged because the Oslo Theater went bankrupt.
10:    He achieved lasting fame for works such as *The Wild Duck* and *A Doll's House*
       ANSWER: Henrik **Ibsen**

7. Answer these questions about the Greek god Apollo, for ten points each.
a.   This nymph, pursued by Apollo, prayed to Gaea for aid. She was turned into a laurel tree.
       ANSWER: **Daphne**
b.   Apollo gave this Trojan princess the power of prophecy. But when she spurned his advances, he changed her blessing to a curse by causing her prophecies never to be believed.
       ANSWER: **Cassandra**
c.   Apollo was generally regarded as the father of this Thracian musician, who married the nymph Eurydice. He got the chance to regain her if he could refrain from looking at her until he had led her back to sunlight; he failed and she vanished forever.
       ANSWER: **Orpheus**

8. How much do you pay attention to professional hockey?
a.   For five points, identify the lucky city to receive the team once called the Hartford Whalers.
       ANSWER: **Charlotte**, North Carolina
b.   Four other cities will receive NHL teams before the end of the millenium—some for the second time. Five points each, and 5 more for all correct, name these four cities. *You have 10 seconds to begin your answer.*
       ANSWER: **Atlanta**, GA; **Minneapolis**, MN; **Columbus**, OH; **Nashville**, TN
[HN: If you know the story about the Charlotte mascot, feel free to tell it if time allows.]

9. Identify the amino acids from clues, for 10 points each.
a.   This amino acid, designated by the letter G, is the only achiral [a-KI-ral] amino acid.
       ANSWER: **glycine** [prompt on "Gly"]
b.   Containing a sulfur atom, this amino acid forms bridges between different parts of proteins; designated by the letter "C," it is responsible for curling of hair.
       ANSWER: **cysteine** [prompt on "Cys"]
c.   Designated by the letter "P," it is the only cyclic amino acid.
       ANSWER: **proline**

10. 30-20-10, name the Elizabethan writer based on works:
30:       *Aracadia*
20:       *Defense of Poesie*
10:       *Astrophel and Stella*
       ANSWER: Sir Philip **Sidney**

11. Given the president, name his secretary of state, for the stated number of points.
5:       George Washington   ANSWER: Thomas **Jefferson**
10:       Jimmy Carter   ANSWER: Cyrus **Vance**
15:       Calvin Coolidge   ANSWER: Franklin B. **Kellogg**

12. For 10 points each, identify the traditional gift given on each of the following wedding anniversaries.
a.   25th   ANSWER: **silver**
b.   30th   ANSWER: **pearls** or **ivory**
c.   55th   ANSWER: **emeralds**

13. For the stated number of points, answer these questions about the Nobel Peace Prize.
a.   10 for one, 15 for both, name the organization awarded the 1997 Peace Prize, and its coordinator.
       ANSWER: **International Campaign to Ban Landmines** and Jody **Williams**
b.   For 5 points, on what day, the anniversary of Alfred Nobel's death, are Nobel prizes awarded?
       ANSWER: **December 10**
c.   For 5 points, name the city where the Peace Prize, unlike the other Nobel awards, is awarded.
       ANSWER: **Oslo**, Norway

14. Given the rank or a description of a Black Panther, name him, 10 points each.
a.   Minister of Defense   ANSWER: Huey **Newton**
b.   National Chairman   ANSWER: Bobby **Seale**
c.   Minister of Information and author of *Soul on Ice*.   ANSWER: Leroy Eldridge **Cleaver**

15. Given two cities, identify the interstate that connects them. 10 points each.
a.   Memphis, TN and Nashville, TN   ANSWER: I-**40**
b.   Cleveland, OH and Cincinnati, OH   ANSWER: I-**71**
c.   Dallas, TX and Jackson, MS   ANSWER: I-**20**

16. Given the numerical value of a physical constant, name it for 15 points, 5 if you need units.
a.   15:   6.672 times 10 to the negative 11th
         5:        meters cubed per second squared per kilogram
               ANSWER: universal **gravitation**al constant [prompt on "G"]
b.   15:   1.38 x 10 to the negative 23rd
         5:        joules per kelvin
               ANSWER: **Boltzmann** constant [prompt on "k"]

17. For the stated number of points, did each of the following composers write one or more Masses, nine or more symphonies, both, or neither?
5:       Ludwig von Beethoven   ANSWER: **both** (2 Masses)
10:     Gabriel Fauré   ANSWER: **mass**
5:       Wolfgang Amadeus Mozart   ANSWER: **both** (41 symphonies)
10:     Edward Elgar   ANSWER: **neither** (2 symphonies)

18. Given a description of a philosophical school or movement, identify it for ten points each.
a.   Founded by Zeno of Citium in Cyprus in c. 300 B.C., this philosophy built the ideal of the virtuous, rational, wise man. It held that only by putting aside passion and indulgence and by performing duty with right disposition can people attain true freedom.
       ANSWER: **Stoicism**
b.   This doctrine held that all knowledge is derived from experience. It has long been the dominant theme in British philosophy; among its adherents were Locke, Berkeley, Hume, and Mill.
       ANSWER: **Empiricism**
c.   This term is specifically applied to the system of August Comte; it is the doctrine that denies any validity to speculation or metaphysics.
       ANSWER: **Positivism**

19. Identify the following terms for languages, 10 points each.
a.   A language adopted by speakers of different languages as a common medium for dialogue.
     ANSWER: *lingua franca*
b.   This term describes a pidgin language that has developed its own grammar and syntax, such as Haitian French.
     ANSWER: creole
c.   This four-letter term is used in sociolinguistics to designate a speech variety.
     ANSWER: lect

VISUAL BONUS.
20. Answer the following about the economics graph before you for 10 points each.
a.   What is the curve on the graph called?
     ANSWER: production possibilities curve or **PPC**
b.   This graph shows that in order to get more pizza, carne asada must be sacrificed. What economic principle does this demonstrate?
     ANSWER: opportunity cost
c.   All resources of this idealized two-good economy are used at points on the curve. What is the name of this waste-free set of points *on*—not within or outside—the curve?
     ANSWER: frontier

21. Given a type of worms, identify its phylum for 10 points.
a.   segmented worms   ANSWER: **Annelida** (accept Annelids)
b.   flatworms   ANSWER: **Platyhelminthes**
c.   beardworms   ANSWER: **Pogonophora**

22. 30-20-10. Name the poet from works.
30:      "The Ballad of the Harp Weaver"
20:      "The Suicide"
10:      "Renascence"
     ANSWER: Edna St. Vincent **Millay**

23. Five points each for the first two, and ten points each for the next two, give the names of any four of the five Spice Girls. Give names, not things like "Baby Spice." *You have 10 seconds to begin your answer.*
ANSWER: **Victoria** Adams, **Melanie** Jayne **C**hisholm, **Emma**, **Melanie** Jayne **B**rown, **Geri** [ACC: Estelle**Halliwell**