1994 Heinrich Bowl
Play-off Question Packet

1. Impressed by the works of Paul Strand, he became a professional photographer in 1930. In 1932, he had his first solo show in a major museum and with Imogen Cunningham, Edward Weston and others founded the influential Group f/64. For 10 points, identify this American photographer whose collections include Portfolio Two: The National Parks and My Camera in Yosemite Valley.
        Answer: Ansel Adams

2. His administration was rocked when the US Government paid the Galphin family of Georgia's claim on $171,000 in interest at the behest of his Secretary of War, George W. Crawford. For 10 points, identify this president who after defeating Martin Van Buren and Lewis Cass in the election of 1848 opposed the extension of slavery and derided the Compromise of 1850 as the "Omnibus Bill".
        Answer: Zachary Taylor

3. He singles out the conquest of the Indians by the Spanish as the true moment that Mexico became isolated and obscured by masks in his 1960 The Labyrinth of Solitude. For 10 points, identify this author of Sun Stone, the winner of the 1990 Nobel prize in literature.
        Answer: Octavio Paz

4. The first person to be given the American Film Institute's Lifetime Achievement Award, he commanded a crew that recorded, on film now lost, much of the action of D-Day. For 10 points, identify this American director who still holds the record with four Academy Awards for Best Director.
        Answer: John Ford

5. The destruction was near complete, only one cruiser and two destroyers escaped to Vladivostok while the Japanes lost only 3 torpedo boats. For 10 points, what was this May 27, 1905 battle of the Russo-Japanese war that resulted in the annihilation of the Russian fleet by Japanese admiral Togo.
        Answer: Battle of Tsushima or Tsushima Strait

6. It was first discovered by a German mathematician in 1766 and was published in 1772 by the German astronomer whose name it bears. It attracted great attention when the English astronomer William Herschel accidentally discovered the planet Uranus in 1781. For 10 points, identify this empirical relation of the distances between the planets that led astronomers to seek a planet located between Mars and Jupiter?
        Answer: Bode's Law or Titius-Bode Law

7. The story appeared in Ovid and was later retold in William Morris' The Earthly Paradise. In WS Gilbert's comic version, the central character is married and his wife Cynisca becomes jealous of the animated statue. For 10 points, identify this king of Cyprus who sculpted a statue that he fell in love with.
        Answer: Pygmalion

8. He received his MD from Harvard Medical School in 1869 and became an instructor there three years later. He was later appointed Gifford Lecturer on Natural Religion at Edinburgh University in 1901 and 1902, and his two sets of lectures there were published as The Varieties of Religious Experience. For 10 points, identify this American philosopher and psychologist, the brother of a famous novelist.
        Answer: William James

9. Elfride Swancourt and Stephen Smith appear in his 1873 novel A Pair of Blue Eyes. For 10 points, identify this English author of A Pair of Blue, The Trumpet Major and The Dynasts who is best known for his The Return of the Native.
        Answer: Thomas Hardy

10. It does not occur naturally in its free state and in general its compounds are always found with lead compounds, thus most of it is obtained as a by-product in the preparation of zinc. For 10 points, identify this metal used in control rods, artists pigments, color tv phosphors, and rechargeable batteries that has atomic number 48.
        Answer: cadmium

11. Though Lakehurst, NJ was the site of the famous Hindenburg disaster, earlier a happier event occurred when that site was the arrival point for the first dirigible to safely span the Atlantic. For 10 points, identify this ship that took its name from the inventor of the rigid airship.

Answer: <u>Graf Zeppelin</u>

12. On the left of this nations flag is a black triangle to the right, a top and bottom blue stripe with a yellow trip in the middle. It consists of an archipelago of about 700 islands that stretch about 750 miles from a point southeast of Palm Beach Florida to a point off the eastern tip of Cuba. For 10 points, what is this island nation with its capital and largest city at Nassau.
                Answer: Bahamas

13. His Catoptrica gave the first demonstration that the angle of reflection of light equals the angle of incidence. His Pneumatica argues for the corpuscular character of air and for the existence of minute vacuums between the particles. For 10 points, identify this Greek mathematicia, physicist and engineer who is best known for describing his aeolipile, or steam engine, which operated by jet propulsion?
                Answer: Hero or Heron of Alexandria

14. A masterpiece of controlled rage in the mordern world, it carries uncomfortable echos of an earth exploding with people. For 10 points, what is this 1729 pamphlet subtitled "for preventing the Children of Poor People from beeing a Burthen to their Parents, or the Country, and for making them beneficial to the public."
                Answer: A Modest Proposal

15. Its name is an Athabascan word meaning "place of clear water" and it has its origin in the decoration by President Coolidge of a crew who delivered a supply of serum to Nome in 1925. For 10 points, what is this race, begun in 1973, that pits man and his best friend against each other and the elements.
                Answer: Iditarod

16. He dropped his first name of James and while a young man worked as a merchant seaman, visiting Africa and living in Rome and Paris for a time. While working as a busboy in Washington, DC, he showed his poetry to Vachel Lindsay who urged them on a publisher, thus developing his greatest work. For 10 points, identify this figure of the Harlem Renaissance known for his collection The Weary Blues.
                Answer: Langston Hughes

17. After his success with Alaska, Secreatary of State Seward negotiated a treaty for their purchase but the Senate failed to appropriate the seven and a half million dollars needed. They were eventually purchased later, at the price of $25 million. For 10 points, identify these islands that were acquired from Denmark in 1917.
                Answer: the US Virgin Islands

18. Members of this order are characterized by well-developed compound eyes, mouth parts conisisting of a long sucking tube and prominent antennae. The second largest order of insects, their Latin name refers to the scale-covered membranous wings common to all species. For 10 points, what is this order containing the butterflies and moths?
                Answer: lepidoptera

19. It derived its name from the founder and first member's grandfather, a 5th century AD chief of the Salian Franks. The last strong member of the dynasty was Dagobert I, the son of Clotaire II, and the final member was the puppet Childeric III. For 10 points, identify this dynasty ended by Pepin the Short and begun by Clovis.
                Answer: Merovingian

20. First produced in 1808, it is a "programme symphony" in which birdsong and a storm are represented. Each movement has a title such as "By the brook" or "Shepherd's song: happy and thankful feeling after the storm". For 10 points, what is this symphony in F major, Beethoven's sixth?
                Answer: Pastoral (prompt for more info on early buzz of 6th symphony)

1. Identify this document, 30-20-10.
1. It was signed by 41 men, including William Brewster and Edward Winslow.
2. It begins, "We, whose names are underwritten, the Loyal Subjects of our dread Sovereign Lord, King James..."
3. It remained in effect until 1691, when the Plymouth colony joined Massachusetts.
            Answer: The <u>Mayflower Compact</u>

2. Identify these external cell parts for 10 points each.
1. It is a long thread-like organelle projecting from the surface of a cell, for example in motile gametes, algae, and protozoa. Usually only one and never more than a few are present per cell.
        Answer: <u>flagellum</u> or flagella
2. They are short fine thread-like organelles which project from the surface of some eukaryote cells such as paramecium. They move and beat rhythmically to transport fluid and particles along the surface of the cells.
        Answer: <u>cilium</u> or cilia
3. This special type of fat molecule is the main components of biological membranes; they are highly polar and they store arachidonic acid.
        Answer: <u>phospholipids</u>

3. Identify the following works of art based on a description for 10 points, or for 5 if you need its creator.
1. 10: Originally called The Royal Family, this painting shows the artist painting a large canvas, with the Infanta Margarita turning to look at the King and Queen reflected in a mirror.
        5: Diego Velasquez
        Answer: The <u>Maids of Honor</u> or Las Meninas
2. 10: Titled, "a Real Allegory Summing up Seven Years of my Artistic Life," this classic painting features a number of interesting characters, including a Jew, a huntsman with his dogs, a farm laborer, a textile pedler, a clown, an undertaker's mute, the artist himself, Charles Baudelaire, and his black mistress, Jeanne Duval, which he painted out of the picture.
        5: Gustave Courbet
        Answer: <u>The Artist's Studio</u> or equivalents
3. 10: This painting is based on a medieval crucifix the artist knew in the local church, trasferred to the outdoor landscape he also knew well.
        5: Paul Gauguin
        Answer: <u>The Yellow Christ</u>

4. For 10 points each, identify these characters from the Sound and the Fury.
1. She was the Compson's maid   Answer: <u>Dilsey</u>
2. His roommate was Shreve McCannon   Answer: <u>Quentin</u> Compson
3. She married Sydney Herbert Head   Answer: <u>Candace</u> or Caddy Compson

5. Identify these French mathematicians for 10 points each.
1. A mathematical prodigy, he had mastered Euclid's Elements by age 12. In 1645, he invented and sold the first modern calculating machine.
        Answer: Blaise <u>Pascal</u>
2. This French expert in heat flow demonstrated that any periodic function could be expanded as an infinite series of sums of sines and cosines.
        Answer: Joseph <u>Fourier</u>
3. In addition to influential work in the theory of functions, algebraic analysis, and differential and integral calculus, this 19th century mathematician's nearly 800 publications also made contributions to the fields of astronomy, optics, and hydrodynamics.
        Answer: Augustin Louis <u>Cauchy</u>

6. Name the husbands of these Biblical figures for 5 points each.
1. Rebecca   Answer: <u>Isaac</u>
2. Ruth   Answer: <u>Boaz</u> or Mahlon
3. Priscilla   Answer: <u>Aquilla</u>
4. Gomer   Answer: <u>Hosea</u>
5. Mychal   Answer: <u>David</u>
6. Esther   Answer: <u>Ahasueras</u> (Xerxes I)

7. Identify the following rulers of Russia from brief descriptions. 10 pts each.
1. Nicknamed the "Iron Czar", he ruled from 1825 to 1855.
    Answer: Nicholas I
2. This Russian Czar ruled from 1855 to 1881 and during his reign issued the Edict of Emancipation that freed the serfs.
    Answer: Alexander II
3. This Czar's reign ended the Time of Troubles. He was the grandnephew of Anastasia, the first wife of Ivan the Terrible and the real power during his rule lay in the hands of his father, Philaret.
    Answer: Michael Romanov or Michael I

8. Answer the following questions about straits.
1. For 5 points each, what two of the Great Lakes are joined by the Strait of Mackinac?
    Answer: Lake Michigan, Lake Huron
2. For 10 points, what is the name of the strait that separates the island of Sicily from mainland Italy?
    Answer: Strait of Messina
3. For 10 points, what is the name of the strait that separates the Malay penninsula from the island of Sumatra?
    Answer: Strait of Malacca

9. For 5 points each, give the main title and author of the American novels with the following subtitles.
1. "a story of the Buried Life"
    Answer: Look Homeward Angel, Thomas Wolfe
2. "a Peep at Polynesian Life"
    Answer: Typee, Herman Melville
3. "the new Children's Crusade"
    Answer: Slaughterhouse Five, Kurt Vonnegut

10. Identify this famous American 30-20-10.
1. This Uniontown, Pennsylvania native aided in planning the assaults in the Meuse-Argonnne offensives in WW1, was an aide to Gen. Pershing, and was assistant commandant at Ft. Benning, Ga. from 1927-32
2. On the day WW2 started in Europe, he was appointed US Army chief of staff, became General of the army in 1944 as chief Allied strategist and later served as Secretary of defense from 1950-51.
3. This graduate of VMI served as special ambassador to China after WW2, helped Truman formulate the Truman Doctrine, and won the 1953 Nobel Peace Prize
    Answer: George Marshall

11. Identify the Mozart operas featuring the following characters for 10 pts each.
1. Donna Anna, Zerlina
    Answer: Don Giovanni
2. Tamino and Pamina
    Answer: The Magic Flute (Die Zauberflote)
3. Constanze, Osmin, and Pasha Selim
    Answer: The Abduction from the Seraglio

12. For 10 points each, name the poet and work from which the following lines are taken.
1. "They also serve who only stand and wait"
    Answer: John Milton, On His Blindness
2. "A heavy weight of hours has chained and bowed/One too like thee, tameless, swift, and proud
    Answer: Ode to the West Wind, Percy Shelley
3. "Stone walls do not a prison make/Nor iron bars a cage"
    Answer: To Althea, from Prison, Richard Lovelace

13. There are a host of big-name actors and actresses appearing in movies set for release this fall. For 5 points apeice,
given a portion of the cast, identify the movie.
1. Jodie Foster, Liam Neeson, Natasha Richardson
    Answer: Nell
2. Uma Thurman, Ving Rhames, Bruce Willis, Harvey Keitel, John Travolta
    Answer: Pulp Fiction
3. Stephen Rea, Christian Slater, Brad Pitt, Antonio Banderas
    Answer: Interview with the Vampire

4. Tim Robbins, Morgan Freeman
      Answer: <u>The Shawshank Redemption</u>
5. Helena Bonham Carter, Kenneth Branaugh, Robert De Niro
      Answer: <u>Mary Shelley's Frankenstein</u>
6. Emma Thompson, Danny De Vito, Arnold Schwarzenegger
      Answer: <u>Junior</u>

14. Answer the following questions about the battle of Zama. 5 pts each.
1. In what year was it fought?   Answer: 202 B.C.
2. In what war was it fought?   Answer: 2nd Punic War
3. What commander lost the battle?   Answer: Hannibal
4. What Roman defeated Hannibal?   Answer: Scipio Africanus
5. For 10 points, in what modern-day nation is the site of Zama?
                                             Answer: Tunisia

15. 30-20-10 Identify this work of literature.
1. The author, in a letter to the Veronese nobleman Can Grande Della Scala, states that it has four levels of meaning: the literal, the allegorical, the moral, and the anagogical.
2. It is divided into 100 cantos and consists of more than 14,000 lines.
3. An epic poem in three parts, it was finished just before its author's death in 1321.
      Answer: Divine Comedy or La Divina Commedia

16. For 10 points each, what type of radical is attached to a benzene ring to form the following compounds?
1. phenol
      Answer: OH or hydroxyl group or alcohol group
2. toluene
      Answer: methyl or CH3
3. xylene
      Answer: methyl or CH3

17. Identify the following schools of philosophy from brief descriptions for 10 points each.
1. Said to have been founded by Aristotle, its central tenet was stated by Aquinas as "there is nothing in the intellect that is not first in the senses"
      Answer: empiricism
2. This school is distinguished from empiricism in its belief that reason apart from experience is a basis for some kinds of knowledge.
      Answer: rationalism
3. The name for his popular Russian philosophical doctrine was coined by Ivan Turgenev in Fathers and Sons.
      Answer: nihilism

18. Answer the following questions about the European community for the stated number of points.
1. For 10 points, what organization was the predecessor of the EC, founded in 1952 under the Treaty of Paris by France, West Germany, Italy, and the Benelux nations?
      Answer: European Coal and Steel Community
2. For 5 points, in what year did the United Kingdom join the EC?
      Answer: 1973
3. Since its inception and 1986, six members, including the UK, were added to the original six. For 5 points apiece, name any three of the remaining five.
      Answer: Denmark, Ireland, Greece, Portugal, and Spain

19. Identify the following moons of the Solar System for the stated number of points.
1. For 5 points each, these are the twin moons of Mars.
      Answer: Deimos, Phobos
2. For 10 points, what satellite was discovered by Christiaan Huygens in 1656?
      Answer: Titan
3. For 10 points, what moon discovered in 1848 by Bond and Lassell, shares its name with an unfinished Keats poem?
      Answer: Hyperion

20. Identify the following city on a 30-20-10 basis.
1. Recently Denmark has offered to help conduct a study of a mysterious dense haze that has blotted out its skyline for months. Many residents of the Klang Valley have been staying indoors, fearing that some toxic substance may be in the haze.
2. The former capital of Selangor, it is in the Wilayah Persekutuan federal territory and has a national mosque and a Hindu temple.
3. It is the capital of Malaysia.
      Answer: Kuala Lumpur