

1994 Heinrich Bowl
Question Packet 7

1. A Yankee schoolteacher is in love with Katrina Von Tassel, but he is often embarrassed in public by the pranks of his rival Brom Bones. Riding home from a party where the guests tell horror stories, the protagonist encounters what seems to be an apparition on horseback who throws a pumpkin at him. For 10 points, name this short story by Washington Irving.

Answer: Legend of Sleepy Hollow

2. He espoused the rigorous methods of the new scientific school of history and set out to write the definitive history of liberty. Though he never completed this work he set forth his ideas in two lectures in 1877 - "The History of Freedom in Antiquity" and "The History of Freedom in Christianity". For 10 points, identify this editor of the Cambridge Modern History who is famous for his contention that "Power tends to corrupt, and absolute power corrupts absolutely."

Answer: John Emerich Edward Dalberg Acton, 1st Baron Acton

3. He was born in Nelson, taught at McGill University in Canada, the University of Manchester, and Cambridge, and in 1903 was elected a fellow of the Royal Society. Discounting the theory that atoms were "building blocks", he showed that they were constructed like miniature solar systems composed of mostly empty space, thus working out the nuclear theory of the atom in 1911. FTP, who was this 1908 winner of the Nobel for chemistry and discoverer of the proton in 1911?

Answer: Ernest Rutherford

4. Located in New York City, it was dedicated in 1897 by President McKinley, and it became a national shrine in 1959. In case anybody asks, you should be aware that the former Miss Julia Dent is also buried there. For 10 points, name this monument where the eighteenth president and leader of the Union army was laid to rest.

Answer: Grant's Tomb

5. About the size of a crow, it was discovered in a Bavarian limestone quarry. Though its skeleton resembles a reptile, its wing structure and feather imprints reveal what it really was. For 10 points, name this Jurassic fossil creature, considered the first bird.

Answer: archaeopteryx

6. He was born in 1854 in Washington. He wrote the comic operas El Capitan, The Bride-Elect, and The Free Lance as well as suites, overtures, and waltzes. For 10 points, name this American composer best known for such works as King Cotton, Semper Fidelis, and The Stars and Stripes Forever.

Answer: John Philip Sousa

7. Little used during the second half of the 20th century, the first prosecution under it involved a celebrity, heavyweight boxing champ Jack Johnson. For 10 points, identify this 1910 law aimed at abolishing the white slave trade that forbade the transportation of women across state lines for immoral purposes.

Answer: Mann Act

8. This author was born in 1805, the son of a shoemaker and a washerwoman. His most successful novel was The Improvisatore, but he is better known for 168 other writings which are currently published in over 80 languages. For 10 points, name this Danish author of "The Tinder Box", "The Princess and the Pea", and "The Little Mermaid".

Hans Christian Andersen

9. When he was 16 years old, he had a vision in which Jesus Christ told him to restore the Kingdom of God on Earth. He wrote the book Divine Principle about his belief that all people are fallen beings, and he raised money for his church by selling candy and flowers at very high prices. He was convicted of tax fraud in 1982 and lost many of his supporters but has regained followers in recent years. For 10 points, name this founder of the Unification Church known for directing arranged mass marriages.

Answer: Rev. Sun Myung Moon

10. In 1866 he led a raid against Fort Buford. He and his followers fled to Canada after being routed by forces under General Nelson Miles, but they returned in 1881. He remained hostile and unwilling to give up his land until he was killed in 1890. For 10 points, name this Sioux leader best known for defeating Custer at the Battle of Little Bighorn.

Answer: Sitting Bull

11. In 1881, he invented a bolometer, an instrument used for measuring tiny quantities of heat. In 1887, he was appointed secretary of the Smithsonian Institution and is best known for barely missing the invention of the heavier-than-air airplane. For 10 points, who was this man, who's name now identifies an Air Force base in Virginia and after whom the first aircraft carrier was named?

Answer: Samuel Langley

12. From an early age, he rejected mere imitation of Italian baroque or French rococo art. He instead adopted satirical yet patriotic style and became the most outstanding painter in his country. He created such works as Family of Charles IV and The Duchess of Alba. For 10 points, name this Spanish artist who also painted The Third of May, 1808.

Answer: Francisco Goya

13. He was born in 1925 in the village of Arua. He served in the British colonial army and became the national heavyweight boxing champion. He became leader of his country due to a 1971 military coup. He ordered the deportation of thousands of Asians, had anyone who opposed him executed, and started a war with neighboring Tanzania. For 10 points, name this harsh dictator of Uganda during the 1970s.

Answer: Idi Amin

14. This element is extracted through the Parkes process or cyanidation, and it is used in batteries, electrical equipment, and desalinization facilities. It is the most lustrous metal and is the best conductor of heat and electricity. For 10 points, name this chemical element with atomic number 47 and symbol Ag.

Answer: silver

15. He broke away from the conventions of the Elizabethan sonnet and the courtly love poem to invent a poetry characterized by a dense, almost incomprehensibly learned style, extremely complicated imagery, a many offbeat references to the arts, sciences, crafts, and daily life of the times. For 10 points, identify this man, the first and best of the metaphysical poets, author of A Valediction: Forbidding Mourning.

Answer: John Donne

16. Private consumption was cut, material incentives withdrawn and massive industrial communes were set up. It failed following bad harvests and the withdrawal of Soviet technical aid. For 10 points, what is this program for radical social and economic change in China from 1958 to 1961.

Answer: Great Leap Forward

17. 2 Answers required: Upon landing at Mount Parnassus, they were commanded by the Delphic oracle to cast the bones of their mother over their shoulders. Understanding this to mean the stones of the earth, they did and a new race of people sprang up. For 10 points, identify this Greek couple who like Noah, survived a flood sent by the gods.

Answer: Deucalion and Pyrrha

18. It separates the Kaibab Plateau from the Coconino Plateau. At the bottom is black Vishnu schist that dates from the Archean Era; at the top is limestone filled with fossils of ancient marine life, now 7000 feet above sea level. The area was a flat plain about 6 million years ago when its surface began to be eroded by the Colorado River. For 10 points, name this mile-deep gorge in northern Arizona.

Answer: Grand Canyon

19. It can be a symptom of epilepsy, aphasia, or schizophrenia, or it can be caused by extreme physical or psychological shock. The four types of it are para-, psychogenic fugue, anterograde, and retrograde. For ten points, try to remember this term for any kind of temporary or permanent memory loss.

Answer: amnesia

20. In her unfinished autobiographical novel, she wrote "How can anyone handle things if her head is full of voices and her world full of things nobody else can see?" Her works include Life Among the Savages, The Bird's Nest, and Raising Demons. For 10 points, identify author best known for her Haunting of Hill House and The Lottery.

Answer: Shirley Jackson

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1. Answer the following questions about events that all happened on the same calendar day (6 parts, 5 pts. each):

1. 32d US President, he died in Warm Springs, Ga. in 1945

Answer: Franklin Roosevelt

2. In 1861, bombardment of this South Carolina fort started the US Civil War

Answer: Ft. Sumter

3. In 1961, this Soviet became the first man to go into space

Answer: Maj. Yuri A. Gagarin

4. In 1981, this man died. He held the world heavyweight boxing championship longer than anyone else.

Answer: Joe Louis

5. Also in 1981 (30 yrs. to the day after Gagarin's flight), this space shuttle became the first reusable spacecraft to go into space

Answer: Columbia

6. What is the common month and day of all these events?

Answer: April 12

2. Chemistry is full of exciting gas laws. For 10 points each, identify these.

1. When kept at constant pressure, the volume of a gas is proportional to its temperature.

Answer: Charles' Law

2. This law is used in the separation of isotopes; it says that the square root of a gas's density is inversely proportional to its rate of diffusion.

Answer: Graham's

The partial vapor pressure above a solution is proportional to the mole fraction of solute in the solution.

Answer: Raoult's

3. Identify these Egyptian gods for 10 points each.

1. The son of Geb and Nut, he was the brother and killer of Osiris.

Answer: Set

2. Sister and wife of Osiris, she pieced together his body and revived it.

Answer: Isis

3. Husband Sekmet, he was worshipped as the chief god of Memphis.

Answer: Ptah

4. Give the capitals of the following states

6 parts, 5 pts. each):

1. W. Bengal in India

Answer: Calcutta

2. Lower Saxony in Germany

Answer: Hanover

3. Catalonia in Spain

Answer: Barcelona

4. Victoria in Australia

Answer: Melbourne

5. Orange Free State in S. Africa

Answer: Bloemfontein

6. Montenegro in the former Yugoslavia

Answer: Titograd

5. Identify the Italian authors of the following works for 10 points each.

1. Six Characters in Search of an Author

Answer: Luigi Pirandello

2. Orlando Furioso

Answer: Lodovico Ariosto

3. Bread and Wine

Answer: Ignazio Silone

6. Identify these members of the Bernoulli family (3 parts, 10 pts. each):

1. He is best remembered for his Theorem of Bernoulli when he applied calculus to geometry.

Answer: Jakob (Jacques)

2. Jakob's brother; advocate of Leibnizian calculus and assisted brother in founding calculus of variations.

Answer: Johann (Jean)

3. Son of Johann; most famous of the 3 due to publishing Hydrodynamics in 1738

Answer: Daniel

7. Identify these British winners of the Nobel Prize in Literature for 10 points each.

1. He was the first Englishman to win the Prize.

Answer: Rudyard Kipling

2. His only novel was Savrola.

Answer: Winston Churchill

3. This 1983 winner was the first British winner in thirty years.

Answer: William Golding

8. California politics has taken a nasty turn lately with the upcoming elections. Identify the following political figures in California for 10 points each.

1. This State Treasurer is running against Governor Pete Wilson

Answer: Kathleen Brown

2. This GOP candidate has spent \$9 million so far in his bid to unseat Dianne Feinstein.

Answer: Michael Huffington

3. Though his 1992 bid for the Senate is regarded as a joke, he has hired Bruce Herschensohn as his adviser for his run for the House.

Answer: Sonny Bono

9. For 5 points each, identify the following composers as representative of either the baroque, renaissance, classical, orphist, romantic, or impressionist schools.

1. J.S. Bach

Answer: baroque

2. Wolfgang Amadeus Mozart

Answer: classical

3. Johannes Brahms

Answer: romantic

4. Maurice Ravel

Answer: impressionist

5. Andrea Gabrieli

Answer: renaissance

6. Joseph Haydn

Answer: classical

10. Identify these important Civil War battles for 10 points each.

1. In this April 1862 battle, Grant's men were attacked by the forces of General Albert Johnston. Union reinforcements helped win the bloody Tennessee battle.

Answer: Shiloh

2. In July 1863, Lee's advancement was stopped by General Meade, which resulted in this Pennsylvania battle, commemorated by a national cemetery.

Answer: Gettysburg

3. This June 3, 1864 Virginia battle was Grant's worst defeat; he lost 6000 men in an hour. This was the last major victory of the Army of Northern Virginia.

Answer: Cold Harbor

11. For 10 points each, name the constellation where you would find these astronomical objects.

1. Polaris

Answer: Ursa Minor or Little Dipper

2. Northern Cross

Answer: Cygnus

3. the Great Square

Answer: Pegasus

12. Identify the American author who created the following solvers of mysteries. 5 pts. each.

1. Nero Wolfe

Answer: Rex Stout

2. Sam Spade

Answer: Dashiell Hammett

3. Philip Marlowe

Answer: Raymond Chandler

4. Nick and Nora Charles

Answer: Dashiell Hammett

5. Charlie Chan

Answer: Earl Derr Biggers

6. C. Auguste Dupin

Answer: Edgar Allen Poe

13. For 10 points each, name these plant tissues.

1. Composed of cylindrical tracheid cells, this type of tissue transports water upward.

Answer: xylem

2. Made of dead cells called "sieve elements", this tissue conducts dissolved food.

Answer: phloem

3. This type of lateral meristem separates the xylem and phloem cells and produces more of them.

Answer: cambium

14. The treaty of Versailles was the official peace document between the World War I victors and Germany. For 10 points each, identify the defeated power that signed the following treaties with the Allies.

1. Treaty of Neuilly

Answer: Bulgaria

2. Treaty of St. Germain

Answer: Austria (do not accept Austria-Hungary and do not prompt for more info)

3. Treaty of Trianon

Answer: Hungary (do not accept Austria-Hungary and do not prompt for more info)

15. Identify the artists who painted the following works. 10 pts. each.

1. The Dutch artist of "The Artist in His Studio" and "Woman with a Pitcher"

Answer: Jan Vermeer

2. The Italian artist of Alba Madonna and Madonna of the Chair.

Answer: Raphael

3. The Italian artist of "The Marriage of Frederick Barbarossa" and "The Banquet of Cleopatra"

Answer: Giambattista Tiepolo

16. 30-20-10 Identify this American writer.

1. He described the magic moment between winter and spring in his Chansons Innocentes.

2. In 1923, he published his first collection of poems, Tulips and Chimneys.

3. The unusual way in which his name is spelled resulted from a printer's error in the 1917 edition of Eight Harvard Poets.

Answer: e.e. cummings

17. Identify these terms from economics for ten points each.

1. The more input is applied to production, the less of an effect it will have in terms of additional output.

Answer: law of diminishing returns

2. David Ricardo postulated this idea that the real wage rate tends to fall to the subsistence level.

Answer: iron law of wages

3. This term was coined during the 1970s to describe the unusual condition of a sluggish economy with persistent inflation.

Answer: stagflation

18. (30 points) Identify this document.

1. It was drafted by Pierre Soule, John Mason, and James Buchanan.

2. Its name came from the Belgian city where it was written.

3. It was an 1854 statement of a plan for the United States to acquire Cuba from Spain.

Answer: Ostend Manifesto

19. Identify these historic French cities by the departments they are capital of for 10 pts. or by a brief description for 5 pts. (3 parts, 10-5 basis):

1. 10 pt. clue - it is the capital of the Bas-Rhine Department.

5 pt. clue - headquarters of the Council of Europe, it has changed hands from German to French control over the years and "Le Marseillaise" was written here

Answer: Strasbourg

2. 10 pt. clue - it is the capital of Vienne department

5 pt. clue - in 507, Clovis defeated the Visigoths here. In 732, Charles Martel "hammered" the Muslims here, and in 1356 Edward the Black Prince beat John II of France here

Answer: Poitiers

3. 10 pt. clue - it is the capital of Bouches-Du-Rhone department

5 pt. clue - it is France's 2d largest city, it's oldest city, and its main seaport, as it sits on the mouth of the Rhone R. on the Mediterranean Sea

Answer: Marseille

20. In Norse mythology, the universe is supported by the giant ash tree Yggdrasil. Its roots extended to three mythical realms. Identify the following for 10 points each:

1. This was the home of the Norse gods. Answer: Asgard

2. This was the name of the land of mortal men. Answer: Midgard

3. This was the realm of fire guarded by Surt. Answer: Muspellheim