

9/12

1. Formed in St. Louis in the 1870's, it was cracked in 1875 by Secretary of the Treasury Benjamin H. Bristow. The conspirators, including the President's personal secretary General Orville Babcock, forced many innocent and weak producers of its namesake product to join. FTP what is this association of distillers which cheated the government of Ulysses Grant out of much tax revenue?

\Whiskey Ring\

2. The Soviets claim it was "invented by a Russian", but most authorities attribute it to an Indian or a Persian. Its key expression derives from "The King is Dead" or Al Shah Mat. FTP What is this war game?

\Chess\

3. The first, the Ann McKim, was built in Baltimore in 1832. The largest, the Great Republic, was launched in 1853. The record time from east coast to west was set by The Flying Cloud in 89 days. FTP What kind of boat is being described?

\Clipper Ship\

4. This term refers the dual nature of some compounds. They can either act as a proton donor or a proton acceptor. For example water is Bronsted base when accepting a proton from HCl but as a Bronsted acid by donating a proton to NH₃. For ten points what is this term?

\Amphiprotic\

5. From 1651 to 1655 they made war on Sweden, from 1652 to 1654 they fought the English. In 1664 their outposts were attacked by New England, but by 1672 they recaptured New Amsterdam, which they traded for Senegal and a country to be named later. FTP What is this nation?

\The Netherlands, or Holland, or the Dutch\

6. From her childhood experiences on Prince Edward Island, she prepared what was to be a short serial for a Sunday School paper. It was so successful, however, that she wrote 6 sequels. FTP Who is this author of "Anne of Green Gables"?

\Lucy Maud Montgomery\

7. The first of these was developed by Professor dal Negro in 1830. It consisted of a pivoted magnet which oscillated under the influence of current flowing in a coil. Upon oscillation, the magnet would contact a one-way cog wheel, causing the wheel to rotate under the series of strokes from the magnet. By 1854 one was capable of driving a 12-ton locomotive. FTP what is this very useful invention?

\Electric Motor (do not accept "engine")\

8. Born Lorenzo di Cione di Ser Buonaccorso in 1378, he was a Florentine sculptor and writer. At the end of his life he wrote three "Commentaries" on art which survive and include his autobiography. FTP Who executed the north and east doors of the Baptistry of Florence in the early 15th century?

\Ghiberti\

9. Wanting a dog bold enough to kill rats but small enough to carry in a pocket, weavers in northern England developed this breed in the 1850's. Having silky, long hair that touches the floor, FTP name this 4-8 pound toy dog.

\Yorkshire Terrier\

10. The Republicans are of course the Grand Old Party, but this English Prime Minister of the Whig persuasion was called "The Grand Old Man". FTP Who was this four time Prime Minister and leader of the liberals in the late 19th Century who tried and failed to give Ireland Home Rule?

\William Ewart Gladstone\

11. Susanna Strickland Moodie wrote about her experiences in the Canadian wilderness in her 1852 "Roughing It in the Bush". Whom did she anticipate by twenty years- a man who wrote the autobiographical "Roughing It"?

\Mark Twain or Samuel Clemens\

12. Named for the French for "good river", it handled and milled the Great Plains grain in its heyday. It is the unlikely home to the National Earthquake Center, and was called home by Presidents Cleveland and Fillmore. What is this city whose minor league team the Bisons play at Pilot Field?

\Buffalo (from Beau Fleuve)\

13. Murphy's Law says that anything that can go wrong will go wrong, and Catch 22 states you have to be crazy to do something, and if you are crazy, we can't let you do it. FTP What other gripe says my desires are repugnant to my morals, and was put forth in a 1969 Philip Roth novel?

\Portnoy's Complaint\

14. He attempted to change Egypt from a polytheistic religion to a monotheistic one centered on a single supreme sun god Aton. He aroused the ire of the priesthood of the Amon god faction, and perhaps Amon himself, creating dissent which caused his failure. FTP who was the pharaoh who ruled from 1379 to 1362 BCE?

\Akhenaton Ikhnaton or Amenhotep IV\

15. The author of "On the Magnitudes and Distances of the Sun and Moon", mistakenly, he believed the earth was the center of the Universe. However he was the first to determine that the earth and the planets revolved around the sun, and he measured almost exactly the solar year and lunar month. FTP Who was this scientist from Samos living between 310 and 230 BCE?

\Aristarchus\

16. General Sir William Howe succeeded General Thomas Gage as commander of British forces in North America. Who FTP succeeded General Howe?

\Sir Henry Clinton\

17. Inducted into the German army in 1939, he was wounded on the Russian Front, and eventually captured on the Western Front in France. After the war he worked as a carpenter, statistician and novelist, where he wrote "The Train was on Time", "Adam Where Art Thou?", "Billiards at Half-Past Nine", and "The Clown". FTP Who won the Nobel Prize for Literature in 1972?

\Heinrich Boll\

18. The daughter of a King of Tyre, she escaped after the murder of her husband Sychaeus and sailed with her followers to North Africa. It is said that she burned herself on a funeral pyre to escape marriage with the native king Iarbas, but in the Aeneid, it is for unrequited love that she died. FTP Who is this legendary founder of Carthage?

\Dido or Elissa\

19. The second major stage of photosynthesis, it involves reductive carbon dioxide fixation. These cyclic reactions do not require light and so often occur at night. The path of the carbon in the cycle was determined using Carbon Fourteen. FTP give either name for this cycle.

\Calvin Cycle or Dark Reaction\

20. While several American Presidents have recently attempted overtures to Cuba, this American Musician composed a "Cuban Overture". Grofe orchestrated his 1924 "Rhapsody in Blue". FTP Who is this composer of "An American in Paris"?

\George Gershwin\

21. It is because of him that it is said all pilots speak with a West Virginia drawl. Born in Myra, West Virginia in the year 1923, on October 14, 1947 flying in a Bell X-1 rocket airplane, he broke the sound barrier. FTP name this World War II fighter pilot.

\Charles Yeager\

1. BONUS PROBLEM For thirty points, find the pH of a 0.1 molar solution of HCl--Hydrogen Chloride, with a density of 1.64 grams per liter at STP. (you have 15 seconds):

Answer = 1: $(\text{pH} = -\log(0.1) = -(-1) = 1)$

2. BONUS Answer these questions about an episode of American History:

1. FTP On April 18, 1775 he dispatched two men to Lexington to warn Sam Adams and John Hancock of the approach of British troops.

X Joseph Warren

2. For five points each, what two men did Joseph Warren dispatch?

X Paul Revere, William Dawes

3. In Lexington, Revere and Dawes met a doctor, to whom they related their story and with whom they rode on to Concord. Unfortunately they encountered British troops, who captured Revere, (Dawes escaped back to Lexington) The doctor rode on warning the citizenry who gathered under Major John Buttrick. FTP who is this physician?

X Samuel Prescott

3. BONUS Identify these types of Japanese drama (FTP each):

1. Restraint and symbolism characterize both acting and staging of this type of drama, most of which were created in the 15th century.

X Noh

2. This form using makeup and exaggerated stylized acting filled the need for popular drama

X Kabuki

3. This farcical interlude of dialogue without music developed with Noh to provide comic relief.

X Kyogen

4. BONUS Blaise Pascal, enrolling at the local Institute of Technology, is taking Programming 101. When preparing to program a Computer, Blaise encounters for the first time Flow Charts. Help Blaise out, For five points each (and ten points for all correct), give the shape of the ANSI standard flowchart symbol which means the following:

X 1. Input/Output

X Parallelogram

2. Process: Used to signify a computer calculation

X Rectangle

X 3. Terminal: Used to show beginning and end points

X Oval or Round

X 4. Decision: Used to mark a branch point

X Diamond

5. BONUS Identify these two Portuguese (fifteen points each):

1. The second governor of the Portuguese colonies in India, he occupied Goa in 1510 and proceeded to seize important points along the trade routes. Who captured the Straits of Malacca and Hormuz, thereby giving Portugal control over the Indian Ocean.

\Alfonso Albuquerque\

✓ 2. He sponsored the exploratory voyages along the African coast which laid the foundation for the Colonial Empire. Who is this man living from 1394 to 1460?

\Prince Henry the Navigator\

6. BONUS Answer these literary questions (ten points each)

1. In Our Town, what is Our Town?

✓ \Grover's Corners New Hampshire\

2. In Our Mutual Friend, who is Our Mutual Friend?

✓ \John Harmon\

3. In What Maisie Knew, what did Maisie know?

✓ \Both her stepmother and her stepfather were committing adultery\

7. BONUS Identify these ancient poets for fifteen points apiece:

1. Called the "Father of Roman Poetry", he believed himself a reincarnation of Homer. His "Annals" is an epic poem of Roman history in eighteen books which influenced Virgil and Lucretius

✓ \Quintus Ennius\

✓ 2. His father was an Ionian immigrant, and he was involved in a lawsuit with his brother Perses when he wrote "Works and Days"

\Hesiod\

8. BONUS Name these organizations from a description for fifteen points each

1. An Irish secret Organization founded in Pennsylvania in 1881, it was the successor to the Fenian Brotherhood. Its avowed object was to secure "the complete and absolute independence of Ireland from Great Britain and the complete severance of political connection between the two countries, to be effected by unceasing preparation for armed insurrection in Ireland. What is this Philadelphia based group?

✓ \Clan-na-Gael\

✓ 2. This secret criminal labor organization, taking its name from a group in Ireland, operated in the coal mines of Pennsylvania in the 1870s and was eventually suppressed.

\Molly Maguires\

9. BONUS Identify these famous illustrators (FTP each):

1. An English Graphic Artist, his work appeared in Punch and today an award bearing his name is given for expertise in the world of children's book illustrations.
✓ \Randolph Caldecott\
2. A cartoonist and bitter political and social satirist, his water colors of scenes of everyday life are untouched by any romantic feeling for picturesque poverty. He is the French artist of "The People of Justice".
✓ \Honore Daumier\
3. An American illustrator, he exposed the Tween Ring and created the symbol of the Donkey for the Democrats.
✓ \Thomas Nast\

10. BONUS Isaac Newton may be best known as Chancellor of the Exchequer, but he was also a famous physicist. Which of Newton's Laws state the following, for ten points each:

- ✓ 1. For every action, there is an equal and opposite reaction
✓ \Third Law\
- ✓ 2. A body acted upon by an unbalanced Force will accelerate in the direction of that force, according to the equation $a = "k" \text{ times } "F" \text{ over } "m"$
✓ \Second Law\
- ✓ 3. A body at rest will tend to stay at rest, and a body in motion will move at a constant speed in a straight line unless acted upon by an unbalanced force
✓ \First Law\

11. BONUS Identify the following as an Epitaph, Epithet, Epithalamium, ~~an~~ Epiphany, or an Epigram for five points each and five more for all correct:

- ✓ 1. A short satirical poem or statement
✓ \Epigram\
- ✓ 2. A song or poem written to honor a bride or bridegroom
✓ \Epithalamium\
- ✓ 3. A word or phrase used to characterize a person or thing
✓ \Epithet\
- ✓ 4. A verse inscription on a gravestone
✓ \Epitaph\
- ✓ 5. An intuitive perception of the essential nature of something
✓ \Epiphany\

12. BONUS James T. Farrell, famous for his Studs Lonigan trilogy, wrote five books about Danny O'Neill. For ten points each name up to three:

\A World I Never Made, No Star is Lost, Father and Son, My Days of Anger, The Face of Time\

13. BONUS Pen and Paper may be needed. Given the following five genres of bacteria: *Mycobacterium* ... *Rickettsia* ... *Yersinia* ... *Salmonella* ... *Vibrio*, tell which is the causal agent for the following six diseases: (five points each)

- | | |
|----------------------------------|-----------------|
| X1. Typhoid Fever | \Salmonella\ |
| X2. Bubonic Plague | \Yersinia\ |
| \3. Typhus Fever | \Rickettsia\ |
| X4. Tuberculosis | \Mycobacterium\ |
| \5. Rocky Mountain Spotted fever | \Rickettsia\ |
| X6. Cholera | \Vibrio\ |

14. BONUS Oracle is a major Database Management Software System, they took their name from the famed Greeks. Identify these Oracles for fifteen points each:

1. Apollo established himself here by killing the Python, and so the priestess who gave the oracles was called Pythia.

\Delphic Oracle or Oracle at Delphi\

2. Located in Northwestern Greece, it is the oldest Oracle known to the Greeks. It was centered on an oak tree and its messages were given through the rustling of leaves, the cooing of pigeons, the babbling of a nearby brook, and by the gongs of priestesses who were called "pigeons". What is this oracle of Zeus?

\Oracle at Dodona\

15. BONUS FTP each who wrote the following works of South African Literature:

- | | |
|--------------------------------------|-------------------|
| X1. States of Emergency | \Andre Brink\ |
| \2. "Master Harold" ... and the Boys | \Athol Fugard\ |
| 3. The Lying Days | \Nadine Gordimer\ |

16. BONUS In the late 19th Century, London's East End attracted three prominent reformers to save the area: Dr. Barnardo, Rev. Barnett, and Gen. Booth. For ten points each identify them from a brief description:

1. He, with historian Arnold Toynbee, established Toynbee Hall, where lectures were given to the poor and art was displayed

\Rev. Barnett\

2. He took in children, gave them skills, and shipped thousands to Canada for a fresh start

\Dr. Barnardo\

3. He opened the first Salvation Army Hotel in the East End

\Gen. Booth\

17. BONUS Answer these questions with either North Yemen or South Yemen for five points each after the first two correct responses:

- | | |
|---|---------------|
| 1. Which extends farther North | \South Yemen\ |
| 2. Which extends farther South | \South Yemen\ |
| 3. Which is the Yemen Arab Republic | \North Yemen\ |
| 4. Which is the Peoples Dem. Rep of Yemen | \South Yemen\ |
| 5. Which has a capital at Aden | \South Yemen\ |
| 6. Which has a capital at Sana | \North Yemen\ |
| 7. Which is more populous | \North Yemen\ |
| 8. Which is larger in area | \South Yemen\ |

18. BONUS Since it gained independence at the end of World War II, South Korea has had four Presidents. Name two for ten points, three for twenty or four for all thirty points:

\Syngman Rhee, Park Chung Hee, Chun Doo Hwan, Roh (Noh) Tae Woo\

19. BONUS Unlike the major television networks, PBS depends upon its affiliates to originate programming. Identify the city of broadcast of the following eastern PBS stations (five points each):

- | | |
|---------|------------------------------|
| 1. WGBH | \Boston\ |
| 2. WNET | \New York\ |
| 3. WTTW | \Chicago\ |
| 4. WQED | \Pittsburgh\ |
| 5. WETA | \Washington\ |
| 6. WHYI | \Wilmington or Philadelphia\ |

20. BONUS Of what Germanic tribe were the following men, who led sacks of Rome, king:

- | | |
|--------------|-------------|
| 1. Alaric | \Visigoth\ |
| 2. Gaiseric | \Vandal\ |
| 3. Theodoric | \Ostrogoth\ |
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