## Beltway Black+ Gold

MARYLAND B

Penn Bowl '92
Written by Sherman Lo

1. It comes from the tamil word for drummer and is used to designate persons expelled for religious or social sins from the social class they were born in. In the caste system, they were members of one of the lowest social class. FTP, give this word used today to designate an outcast.

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S=10
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PARIAH
2. In October of 1991, this film played at Los Angeles' Nuart (New-Art) Theater and broke every house record. This science fiction film, which was shown in its original director's cut, was made in 1982. FTP, name this film directed by Ridley Scott, featuring the character Rick Deckard and based on Phillip K. Dick's 1968 novel Do Androids Dream of Electric Sheep?

BLADE RUNNER
3. It is a bond with no maturity date that pays forever. FQTP, name this type of bond which comes from a synonym for eternity.

PERPETUITY or PERP
4. One derivation of the word comes from Early Modern English and was used as a word of command to a horse, ox, or other such animals. In slang, it can mean one thousand dollars or could be an exclamation of surprise. FTP, name this word.

GEE
5. Born in Vilna in 1867, this leader of the Polish Socialist Party formed an Army to fight for national freedom. After World War I, he became marshal of the Polish Army and led the Poles in the Russo-Polish War of 1920. As a result, his fame spread and by 1926, he became premier of Poland. FTP, name this man who was virtual dictator of Poland until his death in 1935.

Josef PILSUDSKI
6. Donatello, an Italian count, falls in love for Miriam. His misinterpretation of her wishes leads him to kill a stranger. This murder is seen and in the end Donatello turns himself over to the authorities. FTP, name this Nathaniel Hawthorne work.

THE MARBLE FAUN
7. $N-1 M, N-9 M, X B-35, M X-324, X P-79$, and $Y B-49$. The preceding may seem just like a jumble of numbers and letters but they are all an example of this concept. This high lift, low drag idea was chiefly developed by Jack Northrop and the first major examples were built developed by Jack Northrop and the first major examples were built thets-2
A- Fly,

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M_{\text {maryland }} \text { B' Tossups }
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the $B-2$.
FLYING WING
8. Born in 1503, this Italian artist was a leading member of the Mannerist movement. His works were less overtly "anti-classical." and distorted figures were less arbitrary, such as in a self portrait as seen through a convex mirror. Perhaps he is best known for his Madonna with the Long Neck. FTP, name this man whose name literally means "little John from Parma."

## PARMAGIANINO

9. In chemistry, this term describes any alloy of mercury with other metals. FTP, identify this term commonly used to mean a combination or mixture, often found right in your mouth.
$S=10$
AMALGAM
10. William Wellman's Yellow Sky and Fred Wilcox 's Forbidden Planet were based on this dramatic work while Paul Mazursky and Derek Jarman also made famous films based using this piece. One of th. most adapted stage worksin film history, this morality drama concerns the fate of an exiled ruler in a far off land. FTP, name this works whose most recent revival is in Peter Greenaway's film Prospero's Books.

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D=10
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THE TEMPEST
11. Sugar Street, Palace of Desire, and Palace Walk are the three works in this author's Cairo trilogy. His other works include Midas Alley. FTP, name this man who won the 1988 Nobel Prize in Literature.

MAHFOUZ

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S=10
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12. Ant, City, Earth. Add a syllable to these three word and you get a popular simulation software made by Maxis. FTP, give this three letter syllable.

SIM

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n=10
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13. Graham Greene's work this Gun For fate deals with the exploits of a paid hit man. This shadowy figure with a badly disfigured lip was known by a one word name. FTP give this name suggestive of a member of the crow family.

RAVEN
14. Born in Attica in the fifth century B.C., this man, according to one account, was accused of embezzling gold appropriated for the statue of Athena. But the details of this incident as well as his entire life are rather murky. He was renown for his statues, many of which were commissioned by Pericles. His works includes bronze

next fig-
statues of national hero of Athens, a statue of zeus and the entrance of the Parthenon. FTP, name this Greek sculptor.

## PHIDIAS

15. He ruled Aquitane from 1360 to 1371 and was responsible for the 1370 massacre of Limoges. FQTP, name the leader of the English responsible for the victories at Crecy and Poitiers.
EDWARD THE BLACK PRINCE (Need all)
16. Galilean Transformations are used in classical mechanics to relate coordinates and times between two observers. FTP, name the similar transforms used in relativity.

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S=10
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LORENTZ Transformations
17. Perhaps you heard this piece in the 1944 film Going My Way or the 1940 film Fantasia. But this work dates back to 1826 when it was first published. The lyrics furmennombonmure taken from The Lady of the Lake by Sir Walter Scott, but the music was composed by a German. FTP, name work by Schubert. this
AVE MARIA
18. FQTP, identify the South American creature that is the largest rodent on Earth.

CAPYBARA

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S=10
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19. When Ceres was discovered, this mathematician, through the use of just 3 observations and extensive analysis, was able to predict the orbit of the asteroid. He was one of the first to use least square techniques and was falsely accused by Legendre of stealing the idea. This accusation was due to the fact that though he had used the method earlier to solve for the orbit of Ceres, he rarely published his findings. FTP, name this mathematician who, as an 8 year old, astonished his teacher by instantly summing up the integers from 1 to 100.

Carl Friedrich GAUSS
20. This Dutch physicist noted that electrolytes exhibited results that deviate from the predictions of Raoult. This work resulted in Arhennius' prediction that electrolyte solutions resulted from a separation into ions. He also worked on the laws of chemical dynamics and osmotic pressure. For his contributions to chemistry, he was awarded a Nobel Prize. FTP, name the first nobel laureate in chemistry.

VAN'T HOFF
21. This piece composed in tog was known as Impromptu in most
21. This piece composed in 1899 was known as "Impromptw" in most parts of the Russian Empire. This was because of the patriotic nature of this piece. FTP, name this work by Sibelius.

## FINLANDIA

22. Money is often on the move. FTP, give the economic term used to describe the average number of times per year that the average dollar the money stock is spent.

## VELOCITY

23. Before this 1992 game, a waiter said "Cheerios and Notre Dame are different; Cheerios belong in a bowl." FTP, name the bowl game in which Notre Dame beat Florida 39-28.

SUGAR (BOWL)
24. It restates the Mosaic laws and contains the final episodes of Moses' life. FTP, name this book of the Bible, the last book of the Pentateuch. (Pent-a-tuke)
DEUTERONOMY

Beltway Black+ Gold MARYCAND B
Penn Bowl '92
Written by Sherman Lo
Bani
$(20)$
30 1. For 5 points each give the authors of the following recent bestsellers:

(30) 2. 30-20-10 Bonus. Identify the following item.
30) It is the flag of the Irish workers that rebelled against British rule in 1916.
20) It is also a three act play by Sean $0^{\prime}$ Casey concerning the rebellion. Prominent characters in the work include Fluther and Nora Clitheroe.
10) Like the Soviet flag, it is the combination of two items: first is a farm implement used to dig up soil and later are luminous heavenly bodies.

THE PLOUGH AND THE STARS
(25) 3. With Super Bowl XXVI recently over, this bonus will deal with previous Super Bowls. For 5 points each, given the Super Bowl numbers and the teams, you must provide the scores for both teams. Be careful, both scores must be correct and correctly matched up to the teams to receive full credit. Spots extra for all four.

1) Super Bowl V; Baltimore, Dallas

Baltimore 16, Dallas 13
2) Super Bowl VII; Miami, Washington Miami 14, Washington 7
3) Super Bowl XIII; Dallas, Pittsburgh Pittsburgh 35, Dallas 31
4) Super Bowl XIX; Miami, San Francisco

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\text { San Francisco 38, Miami } 16
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## OMIT <br> 5) Super Bowl XXI; Denver, New York Giants)

(25) 4. Lately there have been a lot of name this rapper from his/her real names boni. Rest assured this is not one. This is a bonus about rappers and their albums. I'll spare you the pain of coming up with a guess so just match up the rappers/groups with the album. (Read somewhat slowly)

The albums are: Homebase, Brainstorm, Death Certificate, Down to Earth, Let's Get It Started

The Rappers are: Monie Love, D.J. Jazzy Jeff and the Fresh Prince, Young M.C., M.C. Hammer, Ice Cube

Posit pore
V. WIdrylard is - ISONI

MONTE LOVE: DOWN TO EARTH, D.J. JAZZY JEFF ETC.: HOMEBASE, YOUNG M.C.: BRAINSTORM, (M.C.) HAMMER: LET'S GET IT STARTED, ICE CUBE: DEATH CERTIFICATE
(30) 5. Instead of rap music, we'll change the topic to classical music. 30-20-10 Identify the musical term:
30) The form has its origin in Descriptive symphony as cultivated by Spohr and Berloiz 20) Liszt first apply this term to his 13 programmatic orchestral works such as Les Preludes and Tasso 10) Today this term is used to designate a one movement programmatic composition for orchestra.

TONE POEM
(25) 6. There are 7 SI base units. You will receive 5 points for 3 of them and 5 more points for each one you name in addition to your first tree.

METER, KILOGRAM, SECOND, AMPERE, KELVIN, MOLE, CANDELA
(25) 7. Place the following events for World War II in chronological order (from earliest to latest): Battle of Kursk, Battle of the Falaise Gap, The Battle of the Bulge, German Surrender at Stalingrad, Operation Market Garden.

GERMAN SURRENDER AT STALINGRAD (Jan. 1943), BATTLE OF KURSK (July 1943), BATTLE OF THE FALAISE GAP (July 1944), OPERATION MARKET GARDEN (Sept. 1944), BATTLE OF THE BULGE (starts Dec. 1944)
(30) 8. 30-20-10 Name the author from the works 30) Women of Courage, Souvenir
20) Murder in Georgetown, Murder in the CIA
10) Murder at the White House, Murder on Capitol Hill, and two biographies, one of her mother Bess, the other of her father Harry.
MARGARET TRUMAN ( 8 , th names needed)
(25) 9. In 1931 Japan invaded Manchuria. Answer the following questions about this invasion.
For 5 points, name the puppet government that was set up. MANCHUKUO
For 10 points, name the nominal head of this government.
Henry PU YI
For 10 points, name the declaration made by the U.S. stating that it will not recognize any gains made by armed force.
STIMSON Doctrine
(30) 10. In 1947, a series of essays were published entitled Four in America.
For 10 points, name the American author.
GERTRUDE STEIN For 5 points each, identify the four prominent Americans.

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(O V E R) \quad \text { in ipo }
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1. Maryland "B" - BoNI

George WASHINGTON, $i_{i}$ sess GRANT, WILBUR WRIGHT, HENRY JAMES
(20) 11. FTP each, identify the following musical terms beginning with the letter S:

A shift from a normally strong to a weak beat. SYNCOPATION
Distinct or detached. It is the opposite of legato. STACCATO
(25) 12. This German author and philosopher, like T.E. Lawrence, sought adventure early in his career. Born in 1895, he joined the French Foreign Legion as well as fought in WWI. His recollections of these two experiences are written in African Diversions and The Storm of Steel. His after this period, such as The Worker, The Adventurous Heart, and Heliopolis, are examinations of life, spirit, and existence. For 25 points, identify this author whose first novel was on the Marble Cliffs.

Ernst JUNGER
(30) 13. Recently, the NCAA scoring record for most points in a game was broken when an Alabama school defeated an Atlanta technical College 258-141 in Division II competition. This better the record of the $181-150$ victory by a 1990 Sweet Sixteen team. For 10 points each name, any 3 of the four teams involved in these high scoring affairs.

DEVRY, TROY STATE, LOYOLA MARYMOUNT, U.S. INTERNATIONAL
$\cdot(25)$ 14. Tell me whether these Canadian prime ministers were: Conservative, Liberal, Progressive Conservative, or None of these for 5 points each.

| Brian Mulroney | PROG. CONS. |
| :--- | :--- |
| Pierre Trudeau | LIBERAL |
| Sir John MacDonald | CONSERVTIVE |
| W. Mackenzie King | LIBERAL |
| Sir Robert Borden | NONE |

(25) 15. Given the invention, name the inventor for 5 points each.Jost last

## Nanes:

Balloon
Electric Battery
Photograph
Electrostatic Generator
Glider

MONTGOLFIER
VOLTA
DAGUERRE
VAN DE GRAAFF
CAYLEY
(25) 16. Suppose you are a commodities broker. I will give you a farm product and 2 years. For 5 points each tell me which year had the larger output.
Soybean; 1970, 19801980
Rye; 1980, 19851985
Oats; 1975, 19851975
Flaxseed; 1970, 19821970
Rice; 1980, 19881988
(25) 17. Phentifynān Spell the following biology terms.

For 10 points, it is a form of symbiosis in which all organisms involved gain.

M-U-T-U-A-L-I-S-M
For 15 points, it is the close association of 2 kinds of organism. One organism benefits while the other receives neither injury or benefit.
$\mathrm{C}-\mathrm{O}-\mathrm{M}-\mathrm{M}-\mathrm{E}-\mathrm{N}-\mathrm{S}-\mathrm{A}-\mathrm{L}-\mathrm{I}-\mathrm{S}-\mathrm{M}$
(30) 18. Identify the scientist for 30 points.

He was an engineer and a physicist born in Belfast in 1842 and in 1883 he published a paper on fluid motion through the study of water. This paper demonstrated the relation of the transition from laminar to turbulent flow to a dimensionless parameter. For 30 points, name this man whose parameter is defined by the equation density times velocity times length divided by the viscosity coefficient.

Osworne REYNOLDS
(30) 19. If you've gotten to this bonus, you probably known I like 30-20-10 boni. So 30-20-10, identify the person.
30) He directed the films Dream Wife (1953) staring Cary Grant.
20) In another film featuring Grant, the 1947 Bachelor and the Bobby-Soxer, he won an Academy Award for the dialogue.
10) He is now a popular fiction writer of works such as the Sands of Time, The Other Side of Midnight, and The Naked Face.

Sidney SHELDON
(25) 20. For 5 points each, given the highest point of a state, name the country.
Kosciusko AUSTRALIA
Aconcagua ARGENTINA
Kiliminjaro
TANZANIA
PERU
SWITZERLAND
Huascaran
Monte Rosa
(20) 21. Wait. Answer the 2 questions about work with the word WAITING in the title given the writer and brief description.

1) A work by Beckett concerning two characters: Vladimir and Estragon.

A: WAITING FOR GODOT
2) A 1935 work by Clifford Odet concerning a taxi strike and the murder of a committeeman.

A: Walting For lefty
V. Mary hand "B"-BONI

VAITENGLEOR ET:
(20) 22. This bonus is on computations and computers. You'll get 10 seconds per question. FTP each give the answers to the following:

1) Your computer is asked to find 96 squared. What is its result?

9216
2) Suppose you have a binary computer with 10 bits available for number storage. How many different numbers can it represent?


