

# Round 3 1st Section Toss-up Questions

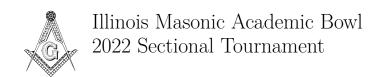
### **Question #1: Literature**

10 points

In this novel, Master Brackett brings a physician to	The <u>Scarlet Letter</u>
see a prisoner. This novel's prisoner asks "Hast	
thou enticed me into a bond that will prove the	
ruin of my soul?", and the doctor replies "Not thy	
soul; no, not thine!". The prisoner is later released	
and makes a living doing needlework. The	
beginning, middle, and end of this novel have	
scaffold scenes, in the last of which Arthur	
Dimmesdale publicly confesses that he is Pearl's	
father. The title of this novel refers to a	
punishment used to shame Hester Prynne [prin].	
Name this novel about the effect of an adulterous	
affair, written by Nathaniel Hawthorne.	

## **Question #2: Science**

In high-power circuits, the "expulsion" type of this	$\underline{ ext{fuse}}$
device is used and contains boric acid to prevent	
arcing. This device often has metal caps at the	
ends of a glass tube. In household applications, this	
device is sometimes replaced with a penny, which is	
very dangerous. This device contains a wire or	
soldered [SAH-durd] joint that melts when it is	
overheated. This device is similar to a circuit	
breaker but cannot be reused once it blows. Name	
this device designed to stop a circuit that has too	
much current.	



## **Round 3 1st Section Toss-up Questions**

#### **Question #3: Fine Arts**

10 points

This musician often began concerts with the song	Louis (Dai
"When It's Sleepy Time Down South" even though	Armstron
it was controversial to African-American audiences.	
This musician added tuba player Pete Briggs and	
drummer Baby Dodds to his band in 1927, turning	
his Hot Five into his Hot Seven. That group	
recorded "Potato Head Blues". This person played	
the bandleader in the film version of Hello, Dolly!	
after he had a popular version of the title song.	
Another popular song by this person begins with	
the lyrics "I see trees of green, red roses too." Name	
this trumpeter who recorded "What a Wonderful	
World" and was nicknamed "Satchmo".	

#### aniel) ng

#### **Question #4: Social Studies**

10 points

This person built on the success of Francisco de			
Miranda, who won the Battle of La Victoria			
[veek-toh-REE-ah]. After a series of disagreements,			
this person allied himself with Santiago Mariño			
[mah-REEN-yoh] by appointing him General of the			
Army of the East. This person defeated Domingo			
de Monteverde [mohn-tay-VAIR-day] after writing			
the Cartagena [kar-tah-HAY-nah] Manifesto during			
the Admirable Campaign. That victory allowed			
this person to re-establish the Venezuelan Republic			
in 1813. This person later became the leader of			
Peru. Name this person nicknamed "The Liberator"			
because he liberated several South American			
countries from Spanish rule.			

Simón (José Antonio de la Santísima Trinidad) **Bolívar** (y Palacios Ponte y Blanco)



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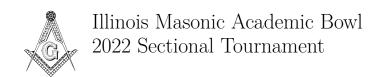
### **Question #5: Literature**

10 points

The anthropologist Alfred Radcliffe-Brown noticed	$\frac{\mathbf{rainbow}}{\mathbf{s}}$
that a serpent named for these things was a central	
figure in many Aboriginal [ab-"original"] Australian	
myths. Greek gods often sent messages using a	
goddess who traveled along these things. That	
goddess of these things, who cut a lock of Dido's	
["DIE"-doh'z] hair when Dido was on the funeral	
pyre, was Iris. In Norse mythology, a burning	
bridge between Midgard and Asgard is one of these	
things called Bifrost [BIV-rahst]. Name these	
things that in Irish mythology have a pot of	
treasure at their end, guarded by a leprechaun.	

#### **Question #6: Science**

The virus that causes this disease is very similar to	<b>polio</b> (myelitis) [accept
the Coxsackie ["cocks-SACK"-ee] viruses and	<b>polio</b> virus; prompt on
echoviruses in that it is an Enterovirus	infantile paralysis]
[EN-tuh-roh-"virus"]. The oral vaccine for this	
disease causes three cases per million doses, so it is	
no longer given in the U.S. Vaccines for this disease	
have nearly eliminated the use of iron lungs. The	
best-known symptom of this disease is due to its	
attacking of the anterior horn cells. The vaccines	
for this disease were developed by Albert Sabin	
[SAY-bin] and Jonas Salk. Name this disease that	
is sometimes called infantile paralysis because of its	
past effect on many children.	
	ı



### **Question #7: Social Studies**

10 points per part

This	s country has coasts on the Gulf of Thailand	
and	South China Sea.	
1	Name this country whose most populous city,	(Socialist Republic of)
	Ho Chi Minh City, used to be called Hanoi.	<u>Vietnam</u> [or Công Hòa
		Xã Hôi Chu Nghia <b>Việt</b>
		$\underline{\mathbf{Nam}}]$
2	The southern part of this river has its delta in	Mekong River
	Vietnam. This river forms much of the border	
	between Thailand and Laos ["louse"].	
3	This island east of Vietnam makes up most of	<u>Hainan</u>
	China's smallest province by area. The city of	
	Haikou ["hi"-KOH] is at the north end of this	
	island.	

#### **Question #8: Social Studies**

This	s country contains Lake Balaton	
[BA	H-lah-tohn], which is 48 miles long.	
1	Name this country whose capital is Budapest.	<b>Hungary</b> or
		<u>Magyarország</u>
2	Budapest, like Hungary itself, is divided almost	<b>Danube</b> River [or <b>Duna</b> ]
	in half by this river.	
3	Budapest is the location of a famous Catholic	St. <b>Stephen</b> or (King St.)
	basilica named for this person, whose right	Stephen I [accept St.
	hand is supposedly on display there.	Stephen's Basilica; accept
		Vajk]



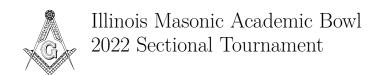
### **Question #9: Mathematics**

10 points per part

This	s set of numbers is often represented by the	
lette	er <b>Z</b> because of the German word $Zahlen$	
[TS]	AH-len], meaning "numbers".	
1	Name this set that consists of zero, positive and	<u>integer</u> s
	negative 1, positive and negative 2, positive and	
	negative 3, and so on.	
2	In these equations, only integer solutions are	<u>Diophantine</u>
	considered. These equations are named after an	["die-oh-FAN-teen"]
	ancient Greek mathematician.	equations [prompt on
		Diophantus]
3	The search for Pythagorean	24 and $25$ [either order]
	[puh-THA-guh-ree-un] triples is a Diophantine	
	equation. Find the two numbers other than 7	
	that are in the only primitive Pythagorean	
	triple that contains the number 7.	

#### **Question #10: Mathematics**

The	se segments meet at the centroid of a triangle.	
1	Name these segments from the vertex of a	<u>median</u> s
	triangle to the midpoint of the opposite side.	
2	This special case of Stewart's theorem relates	Apollonius's theorem
	the length of a median to the lengths of the	
	triangle's sides.	
3	If a median is 36 units long, find the distance	<b>24</b> units
	from the vertex at the median's endpoint to the	
	centroid of the triangle.	



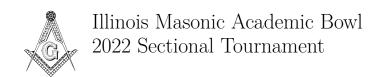
### **Question #11: Literature**

10 points per part

The	characters in this work are seven women and	
Pan	filo, Filostrato, and Dioneo [dee-oh-NAY-oh].	
1	Name this 14th century collection of stories.	The <b>Decameron</b> (Tales)
		[or <b>Decamerone</b> ]
2	This author wrote <i>The Decameron</i> .	Giovanni <u>Boccaccio</u>
		[joh-VAH-nee
		$\underline{\mathrm{boh}\text{-}\mathrm{KAHT}\text{-}\mathrm{choh}}]$
3	This playwright's The Confounded Husband	Molière [mohl-yair] [or
	and The School for Husbands both had plots	Jean-Baptiste <b>Poquelin</b> ]
	based on tales from <i>The Decameron</i> .	

# **Question #12: Literature**

Who	en a magistrate tells this play's title character	
that	the treasury covers war expenses, she replies	
"Th	at's our first principle—no War!"	
1	Name this play in which the title character	$\underline{Lysistrata}$
	convinces women to refrain from sex in order to	["lie"-SISS-truh-tah or
	end the Peloponnesian [pel-uh-puh-NEE-zhun]	$\underline{\mathbf{lih}}$ - $\underline{\mathbf{sih}}$ - $\underline{\mathbf{STRAH}}$ - $\underline{\mathbf{tuh}}$
	War.	
2	This person wrote <i>Lysistrata</i> , <i>The Clouds</i> , and	<u>Aristophanes</u>
	The Birds.	$[{ m air} ext{-ih-STAH-fuh-neez}]$
3	Lysistrata opens with a discussion between the	Calonice
	title character and this woman. This woman	[kal-UH-nee-kay]
	later repeats after Lysistrata to represent all of	-
	the women taking an oath.	



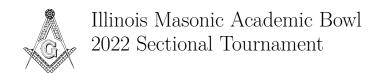
### **Question #13: Science**

10 points per part

Sola	ar versions of this type of event are generally	
mor	re dramatic than lunar ones.	
1	Name this type of event in which one	eclipses [or occultations]
	astronomical object blocks the view of another	
	or passes into a shadow.	
2	This similar event occurs when an object is	<u>transit</u> s
	partially blocked, such as when Mercury or	
	Venus passes between Earth and the Sun.	
3	This eclipse cycle lasting a little over 18 years	Saros cycle
	has been known since ancient times. This cycle	
	is shorter than the Inex ["EYE-necks"].	

## **Question #14: Science**

The	Moon has a near side and far side, the latter	
of w	which is sometimes called the dark side.	
1	The moon is described as waxing when it is in a	waning [accept wane]
	phase where its visibility is increasing. What	
	term is used when its visibility is decreasing?	
2	Several dark regions on the Moon are called	<u>sea</u> s
	mare [MAR-ay], which is translated from Latin	
	into English as this word.	
3	Scientists have given this name to the planet	Theia [THEE-uh]
	that is believed to have created the Moon by	
	colliding with Earth over four billion years ago.	



# Round 3 3rd Section Toss-up Questions

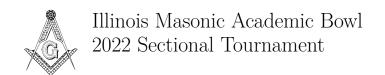
### **Question #15: Social Studies**

10 points

When Congressman Wright Patman got frustrated	CIA or Central
with the I.R.S. and this agency, he made public a	Intelligence Agency
list of foundations that gave money to the J. M.	
Kaplan Fund. During the Eisenhower	
Administration, this agency was led by Allen Dulles	
[DULL-us], whose brother was the secretary of	
State. During the 1980s, this agency was led by	
William Casey, who may have admitted on his	
deathbed that he knew about diverting funds to the	
Contras in Nicaragua. This agency replaced the	
Office of Strategic Services and was created at the	
same time as the National Security Agency. Name	
this U.S. agency that collects national security	
information from outside the U.S.	

# **Question #16: Mathematics**

The number of intersections of these geometric	<u>diagonal</u> s
things equals " $n$ choose 4". The product of the	
lengths of these figures gives one side of the	
equation in Ptolemy's [TOL-uh-mee'z] theorem for	
cyclic quadrilaterals. The number of these figures is	
maximized in a convex shape, in which they	
number one-half $n$ times the quantity $n$ minus 3.	
One of these segments is the perpendicular bisector	
of the other one in a kite, and these segments bisect	
each other in a parallelogram. Name these entities	
that are not edges but connect vertices	
[VER-tuh-seez] of a polygon.	



## Round 3 3rd Section Toss-up Questions

#### **Question #17: Literature**

10 points

In one novel by this author, a loose tile from the floor hides an account book with the strongbox combination, and it is found after a photographer commits suicide. At the end of that novel, this author wrote that the New Fidelity boat was waving the yellow plague flag after the boat is used by Florentino and Fermina [fair-MEE-nah]. In another novel by this author, the future is predicted by the gypsy Melquíades [mel-KEE-ah-dayss]. This author wrote that novel about the family started by Úrsula Iguarán [OOR-soo-lah ee-gwah-RAHN] and José Arcadio Buendía, who start the town of Macondo. Name this Colombian author of Love in the Time of Cholera [KAH-luh-ruh] and One Hundred Years of Solitude.

Gabriel **García** Márquez [prompt on **Márquez**]

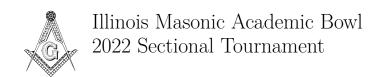
#### **Question #18: Science**

10 points

chemical **equilibrium** 

The Donnan effect, which is sometimes named for
this situation, is caused by a net electric charge
across a barrier. Changes in the constant named for
this situation are related to enthalpy and
temperature by the van 't Hoff [vahnt hawff]
equation. This situation exists when free energy is
minimized. The constant named for this situation
can be found by dividing two rate constants. A
change in conditions will in turn affect the
conditions of this situation according to Le
Chatelier's [luh "shot"-lee-ay'z] principle. Name
this situation in which the rate of a forward
reaction equals the rate of a backwards reaction, so
that concentrations do not change.

#### 9



## Round 3 3rd Section Toss-up Questions

#### **Question #19: Social Studies**

10 points

Though this symptom usually does not have a medical cure, it can be cured by thiamin ["THY"-uh-min] if it is caused by Korsakoff syndrome. This symptom is both a cause and a result of fugue [fyoog] states, though William James described how Reverend Ansell Bourne was able to eliminate this symptom by using hypnosis. Ironically, a common type of this symptom is called posthypnotic [post-hip-NAH-tik] and can be caused on purpose by the hypnotist. The anterograde [AN-tur-oh-"grade"] form of this symptom is often caused by brain trauma and does not affect information stored before the injury. Name this loss of long-term memory.

amnesia
[am-NEE-zhuh] [prompt
on memory disorder(s)
or memory loss or similar
descriptions]

#### **Question #20: Miscellaneous**

10 points

The type of statute named for this type of crime requires certain contracts to be in writing.

Theranos founder Elizabeth Holmes was indicted both for conspiracy to commit this crime and for this crime itself. In 2020, Lori Loughlin

[LAWFF-lin] pled guilty to conspiracy to commit this type of crime. Loughlin was accused of committing the mail and wire types of this crime. Identity theft is often committed so that this crime can be committed. To protect people from this type of crime, the Federal Trade Commission has a scam alert system. Name this crime in which somebody loses something due to intentional deception.

(wire and/or mail) **fraud** [do not accept similar terms like "scam"]



### **Question #21: Literature**

10 points per part

At	the beginning of this book, the author writes	
abo	ut forgetting her lines during an Easter church	
serv	vice.	
1	Name this 1969 autobiography set mostly in	I Know Why the
	Stamps, Arkansas.	$\underline{Caged\ Bird\ Sings}$
2	This poet wrote I Know Why the Caged Bird	Maya <b>Angelou</b> [or
	Sings. She read "On the Pulse of Morning" at	Marguerite Ann <u>Johnson</u> ]
	Bill Clinton's inauguration.	
3	The title I Know Why the Caged Bird Sings is	Paul Laurence <b>Dunbar</b>
	taken from a line in this poet's Sympathy. This	
	poet also wrote the poem "Dawn" in his	
	collection Lyrics of Lowly Life.	

### **Question #22: Literature**

The	protagonist of this novel becomes a legendary	
enemy of a group of Native Americans called		
Yeel	hats.	
1	Name this novel that begins "Buck did not read	The Call of the Wild
	the newspapers."	
2	Buck's original owner in the Santa Clara Valley	$\mathbf{judge}$
	is Miller, who has this job.	
3	This author wrote <i>The Call of the Wild</i> and the	Jack <b>London</b> [or John
	short story "To Build a Fire".	Griffith <b>London</b> or John
		Griffith <u>Chaney</u> ]



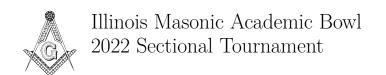
### **Question #23: Social Studies**

10 points per part

This	s country gained control of the West Bank	
shor	tly after fighting Israel in 1948.	
1	Name this country whose capital is Amman.	(Hashemite Kingdom of)
		Jordan [or al-Mamlakah
		al- <u>Urdun</u> iyah
		al-Hashimiyah]
2	Jordan lost the West Bank in this 1967 war. It	Six-Day War
	is named for the short amount of time that it	
	lasted.	
3	This king led Jordan from 1952 to 1999. In	Hussein bin Talal
	1994, he became the second Arab leader to sign	[prompt on <u>Talal</u> ]
	a peace treaty with Israel.	

## **Question #24: Social Studies**

This	s ruler was the son of Tolui [TOH-loo-ee] Khan	
and	the brother of his predecessor Möngke	
[MC]	OHNG-kay] Khan.	
1	Name this grandson of Genghis Khan.	<u>Kubla</u> i Khan [or <u>Shizu</u> ]
2	Kublai Khan is considered the founder of this	<u>Yuan</u> dynasty
	dynasty that was also called the Mongol	
	dynasty.	
3	Kublai Khan moved the capital away from this	<u>Karakorum</u>
	city that is now in Mongolia. Kublai's brother	
	Arig Böge [ar-ig BOHJ] tried ruling from this	
	city, but Kublai captured him.	



### **Question #25: Science**

### 10 points per part

Th	is word means "center-seeking".	
1	Name this adjective used to describe the force or acceleration on an object in circular motion.	centripetal (force or acceleration) [do not accept "centrifugal"]
2	If there is uniform circular motion with a constant radius, then the centripetal acceleration varies directly with what power of the speed?	<ul><li><u>second</u> power or power of</li><li><u>2</u> [or <u>square</u>d]</li></ul>
3	The magnitude of centripetal acceleration can also be expressed as speed times this scalar quantity, which is equal to tangential speed divided by radius.	angular speed or angular frequency [accept circular frequency; prompt on omega; do not prompt on "speed" or "frequency"]

# **Question #26: Science**

Thi	s quantity equals force per unit area.	
1	Name this quantity that can be measured in pascals or atmospheres.	pressure
2	This ancient principle, which states that any completely or partially submerged object in a fluid at rest is acted upon by a buoyant [BOY-unt] force equal to its weight, is used to calculate water pressure.	Archimedes' [ark-ih-MEE-deez'] principle
3	This pressure used in Bernoulli's [bair-NOO-lee'z] law is the difference between total pressure and static pressure. This pressure is calculated as one-half times fluid mass density times the square of flow speed.	dynamic pressure



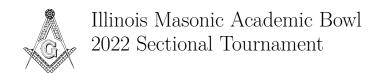
### **Question #27: Fine Arts**

10 points per part

This	s sculpture was originally part of a work	
shov	wing scenes from the <i>Inferno</i> .	
1	Name this sculpture that represented Dante	The <b>Thinker</b> [or Le
	[DAHN-tay] and was part of The Gates of Hell.	$\underline{Penseur}]$
2	This French artist sculpted <i>The Thinker</i> .	(François) Auguste (René)
		Rodin [oh-goost roh-dan]
3	Rodin had a relationship with this woman who	Camille (Rosalie) Claudel
	was his student and model. She sculpted <i>The</i>	
	Waltz and The Mature Age.	

## **Question #28: Fine Arts**

This	s house is in Mill Run, Pennsylvania, which is	
about 40 miles from Pittsburgh.		
1	Name this house designed for the Kaufmann	<u>Fallingwater</u>
	family.	
2	This architect designed Fallingwater as well as	Frank Lloyd <b>Wright</b> [or
	many houses in Illinois, such as the Frederick	Frank Lincoln <u><b>Wright</b></u> ]
	Robie House and Dana Thomas House.	
3	Fallingwater uses this type of projecting beam	<u>cantilever</u> ed beam or
	that is only supported on one end. These	<u>cantilever</u> s
	beams are often used to make bridges.	



# Round 3 5th Section Toss-up Questions

#### **Question #29: Science**

10 points

For some organisms, this cell is surrounded by the vitelline ["vie"-TELL-un] membrane, and in other organisms it is surrounded by the zona pellucida [puh-LOO-sid-uh]. The nucleus of this cell is the germinal [JER-muh-nul] vesicle. This cell is the largest human cell. The structure holding this cell either goes through a disintegration process called atresia [uh-TREE-zhuh] or turns into a corpus luteum [LOO-tee-um]. Like hair, these cells originate from follicles, which release this cell in response to the luteinizing [LOO-tee-un-"eyes"-ing] hormone. Name this cell that is released from the ovaries and can be fertilized by sperm.

egg cell or eggs or ovum
or ova [or oocyte(s)]

#### **Question #30: Social Studies**

The Supreme Court invalidated this state's criminal	<u>Ohio</u>
syndicalism [SIN-duh-kul-izm] statute in a 1969	
decision that was brought by Ku Klux Klan leader	
Clarence Brandenburg. The ability of prosecutors	
to use illegally gained evidence was taken away by a	
1961 U.S. Supreme Court decision on a case	
brought against this state by Dolly Mapp. The	
Environmental Policy Act passed after a river in	
this state caught fire in 1969. In 1970, National	
Guardsmen from this state shot four protesters at	
Kent State University. Name this state where the	
Cuyahoga [kie-uh-HOE-guh] River caught fire in	
1969 in Cleveland.	



# Round 3 5th Section Toss-up Questions

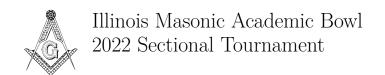
#### **Question #31: Mathematics**

10 points

All irrational numbers map to this number in the	zero
Thomae [TOH-may] function. If all of the	
equations in a system equal this number, then the	
system is classified as homogeneous. If the	
determinant of a matrix equals this number, then	
the matrix cannot be inverted. If factors multiply	
to equal this number, then at least one of the	
factors equals this number, according to this	
number's product property. This number is the	
only real number without a multiplicative inverse,	
which means that this number does not have a	
reciprocal. Identify this number that is the additive	
identity and that is neither positive nor negative.	

# **Question #32: Literature**

This novel uses the phrase "angry people are not	Pride and Prejudice
always wise" before a woman reminds a man that	
he sarcastically said of another woman, "She a	
beauty!—I should as soon call her mother a wit."	
The woman who talks in that part of this novel is	
the sister of Louisa Hurst and lives at Netherfield	
Park with her brother. In this novel, that brother,	
Charles Bingley, marries Jane, who is the oldest of	
five sisters. The second oldest of those five sisters	
eventually falls in love with Fitzwilliam Darcy.	
Name this novel about the Bennet sisters written	
by Jane Austen.	



# Round 3 Extra Section Toss-up Questions

#### **Extra Question #1: Social Studies**

10 points

This organization carried out Operation Active Endeavour in the Mediterranean Sea shortly after invoking Article V [5] for the first time. This organization's Article X [10] governs its expansions. The headquarters of this organization moved from Paris to Brussels when France pulled out of its military structure. In 1999 and 2004, this organization added several eastern European countries, which according to Russia was a broken promise. In reaction to West Germany joining this organization in 1955, the Warsaw Pact was formed. Name this organization formed in 1949, an alliance of countries who were opposed to the Soviet Union.

NATO or the North
Atlantic Treaty
Organization

#### **Extra Question #2: Fine Arts**

10 points

This city's oldest landmarked building was commissioned by and named for Lewis L. Bradbury, and it is near the Million Dollar Theater. This city has a contemporary art museum that purchased a "Single Elvis" by Andy Warhol when it opened in 2015, the Broad [brohd]. A different major art museum in this city opened a second location in 1997, designed by Richard Meier and set on two ridges. This city contains the Getty Center and a concert hall designed by Frank Gehry ["Gary"] that is known for its reflective exterior. Name this city that contains the Walt Disney Concert Hall and is the most populous city in California.

Los Angeles, California [accept L. A.]



# Round 3 Extra Section Toss-up Questions

#### **Extra Question #3: Science**

10 points

One way to calculate this value is to multiply 2 times the fine-structure constant times the von Klitzing constant and divide by the speed of light. This value is also equal to 1 plus the magnetic susceptibility. The difference between diamagnetic ["DIE-uh-magnetic"] and paramagnetic ["PAIR-uh-magnetic"] materials is that in diamagnets the relative type of this value is less than 1. This value equals the ratio of a magnetic B-field to an auxiliary magnetic H-field. Until recently, 4 pi times 10 to the -7th power was the defined value for this quantity in free space. Name this measure of resistance to the formation of a magnetic field.

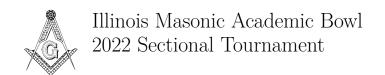
(magnetic) **permeability** (of free space)

#### **Extra Question #4: Literature**

10 points

After listing several Biblical men who were led astray by women, this character states "If I be led astray, methinks I may be excused." This character's horse is Gringolet [grahn-goh-lay]. This character receives a slain deer and then gives a kiss to Bertilak as part of a bargain that they give each other what they received during the day. This character later wears a magic girdle that is supposed to protect him. Before that, this character chops off a giant's head, but the giant picks up the head and walks away. Name this nephew of King Arthur who, according to the Pearl Poet, had an adventure involving a green knight.

Sir <u>Gawain</u> [guh-WAYN]



# Round 3 Extra Section Toss-up Questions

#### **Extra Question #5: Mathematics**

10 points

This rule provides direct justification for the most common polar coordinates distance formula. In the isosceles ["eye"-SAH-suh-leez] case, this rule can be stated by the formula "1 minus c squared over the quantity 2 b squared". This rule is used to find either a triangle angle when the three sides are known or to find the third side of a triangle when two sides and the angle between them are known. Name this "law" in which there is a term equal to twice the product of two side lengths times its namesake trigonometric function.

law of **cosine**s [accept **cosine** rule; do not accept or prompt on "law of sines"]



### **Extra Question #6: Science**

10 points per part

The	se blood vessels are often shown in blue on	
diagrams. They can be classified as pulmonary,		
systematic, superficial, or deep.		
1	Name these vessels that carry blood to the	<u>vein</u> s
	heart.	
2	These two veins, the superior and the inferior,	venae cavae [VEE-nee
	are large veins that bring blood to the right	$\underline{KAY\text{-}vee}$ or $\underline{VEE\text{-}nuh}$
	side of the heart.	KAY-vuh]
3	Give the Latin name for the innermost layer of	tunica <u>intima</u>
	a vein.	

# **Extra Question #7: Science**

Ider	ntify these body parts located near the throat:	
1	This tube brings food from the throat to the	esophagus
	stomach.	$[{ m eh ext{-}SAH ext{-}fuh ext{-}guss}]$
2	This projection at the back of the soft palate of	(palatine) <u>uvula</u>
	the mouth hangs down into the throat.	[YOOV-yoo-luh]
3	This enlarged lymphatic tissue is sometimes	${\color{red}{ ext{adenoid}}} ext{s}$
	called the pharyngeal [fair-un-JEE-ul] tonsil. It	
	is higher and further back than what is	
	normally called the tonsils.	



### **Extra Question #8: Social Studies**

10 points per part

Nan	ne these ships and a submarine from U.S.	
hist	ory:	
1	This English ship reached Cape Cod in 1620.	the <i>Mayflower</i>
2	This ship, nicknamed Old Ironsides, is now	USS Old <u>Constitution</u>
	used as a museum. It defeated several British	
	ships during the War of 1812.	
3	This Confederate submarine sank twice during	H. L. <b>Hunley</b> [accept CSS
	construction and a final time after its only	$H. L. \underline{\boldsymbol{Hunley}}$
	success. When it sank the USS <i>Housatonic</i>	
	[hoo-suh-TAH-nik], it became the first	
	submarine to sink a warship.	

#### **Extra Question #9: Social Studies**

This	s place was attacked on December 7, 1941.	
1	Name this place on the island of Oahu in Hawaii, where four U.S. ships were sunk and	Pearl Harbor
	four others were damaged.	
2	Complete the quote: President Franklin	a date which will live in
	Roosevelt addressed Congress the next day	<u>infamy</u>
	with a speech that began "Yesterday,	
	December 7, 1941 a date which will live in"	
3	Name both of the ships that were sunk at Pearl	USS <b>Arizona</b> and USS
	Harbor and never completely raised. The	$\underline{\textit{Utah}}$ [either order]
	Oklahoma was raised but never rebuilt.	