



Pristine #249 HS

Minnesota Service Cooperatives Knowledge Bowl

Round # 3

8/4/04

© Academic Hallmarks

1 **Symbols**

The mathematical symbol for ordinate is the same as the symbol for what chemical element?

yttrium2 **Wartime Aviators**

The Flying Tigers of World War II were based in what country?

it rium3 **Organ Disorders**

It may be caused by malnutrition, hepatitis, or chronic alcoholism. Name the condition in which the normal liver epithelial tissue is replaced by fibrous connective tissue.

China4 **Angles**

What is the sum of the interior angles in an irregular nonagon?

cirrhosis5 **Mail**

Name the facsimile signature or official mark of a member of Congress put on an envelope in lieu of a stamp so that mail can be sent for free.

12606 **Fictional Characters**

"Tom Sawyer" is to Becky Thatcher as "Vanity Fair" is to Becky ...

frank7 **Abrupt Changes**

On October 24th of what year did America's national tune change from "Makin' Whoopee" to "Brother, Can You Spare a Dime"?

Sharp1929

8 Prisms

How many faces are on a rhombohedron?

6

9 The Skeletal System

What part of the skeleton consists of limb bones and girdles?

appendicular (skeleton)

10 Metropolitan Regions

Odessa, Kiev, and Chernobyl are cities of what country?

Ukraine

11 Invasions

In 1983, some 300 military personnel from Antigua, Barbados, Dominica, St. Kitts-Nevis, Jamaica, and St. Vincent joined more than 3000 U.S. troops to free what island nation of a Marxist regime?

Granada

12 Epics

What character of an eighth-century epic was killed by a dragon many years after he slew Grendel?

Beowulf

13 Sand Dunes

The crescent tips of a barchan dune point in what direction in relation to the wind?

barhandownwind

14 Cryogenics

In cryogenics, liquefied gases such as nitrogen and helium are held ⁱⁿ special containers known as what kind of flasks?

Dewar (flasks)

15 **Mythical Ladies**

The Greek name for the Roman goddess Ceres is ...

Demeter

16 **Geronimo**

When Geronimo surrendered for the last time, he was relocated to Fort Sill in what state?

Oklahoma

17 **Binary Multiplication**

As a binary number, what is the product of 10011 and 111?

10000101

18 **Musicians**

These people are all associated with what kind of music?
Woody Guthrie, Judy Collins, Pete Seeger,
Joan Baez, Bob Dylan, John Denver, Burl Ives,
Gordon Lightfoot, Doc Watson

folk(music)

19 **Spy Communication**

Espionage agents leave messages for other agents in prearranged secret locations called dead ...

drops

20 **Tragedies**

This event occurred in what country in 1983?
A terrorist drove a truck packed with
explosives into a building full of sleeping
Marines and sailors, killing 241.

Lebanon

21 **Relationships**

Name the relationship involving mutual trust and empathic understanding that ideally develops between a health care provider and a patient.

rapport

2 2 Dog Disorders

The improper development of the hip joint in dogs is called hip ...

dysplasia

2 3 Sentence Parts

What is the function of "massive" in this line?
His nose was ~~nothing short of~~ massive.

the word

predicate adjective

2 4 Photography

The circular hole in the front of the camera lens that controls the amount of light allowed to pass on to the film from the lens is called the ...

aperture

2 5 Capital Punishment

In 1951, Ethel and Julius were sentenced to death for having sold atomic secrets to Soviet agents. What was their last name?

Rosenberg

2 6 Solids

A parallelepiped is a prism with faces in the shape of what plane figures?

parallelograms

or parallelogram

2 7 Africa

Name the largest desert of southern Africa.

Kalahari

2 8 Oxides

The oxide of silicon called silicon dioxide is found in nature as the solid called ...

quartz

2 9 French History

At the time of the French Revolution, the nobility represented less than two percent of the population and comprised which "estate"?

Second (Estate)

3 0 With Friends Like These

In 2004, U.S. officials reported they had solid evidence that Iraqi Governing Council member Ahmad Chalabi, once a darling of the American government, passed secrets to what nation?

Iran

3 1 Rock Features

The parallel alignment of textural and structural features of a rock is called ...

foliation

3 2 Economic Abbreviations

What is the abbreviation for the value of all the goods and services produced in a country during a given accounting period?

GDP

~~gross domestic product~~

3 3 Passionate Poetry

Complete this line by Christopher Marlowe.
Come live with me and be ...

my love

3 4 Military Journalism

Name the U.S. Army newspaper first published in 1918 and continuing to this day.

Stars and Stripes

3 5 Money Problems

You have \$3.90 in dimes and quarters. If the total number of coins is 24, how many quarters do you have?

10

14 dimes

3 6 Homographs

What term can mean either to confine or a graduate student undergoing supervised practical training?

intern

3 7 Anatomy

What organ is between the cardiac sphincter and the pyloric sphincter?

stomach

3 8 First Meetings

In its first meeting in 1960, what organization then consisting of just Saudi Arabia, Iran, Iraq, Kuwait, and Qatar forced a retraction of the decrease in oil prices by Standard Oil of New Jersey, which had unilaterally rolled back prices by 4 cents to 14 cents per barrel?

(Organization of
Petroleum Exporting Countries)

OPEC

3 9 Sculpture

A wide flat band encircling part or all of a building facade or part of an interior or exterior wall and decorated with relief carvings or ornamentation is called a ...

frieze

4 0 Waves

What is the amplitude at the nodes of standing waves?

zero

4 1 Northern Europe

All rivers that flow into the western part of the Gulf of Bothnia have headwaters in what country?

Sweden

4 2 Science Fiction

In what story by Daniel Keyes does Charlie Gordon struggle to reach emotional maturity and feel like a whole person before his skyrocketing intelligence reverses course and returns him to his original mentally disabled state?

Flowers for Algernon

43 **Revolutionary Groups**

For a time, what newspaper heiress was linked with the Symbionese Liberation Army?

Patricia Hearst

Patty Hearst

44 **Fishing Computations**

Boris caught $\frac{1}{2}$ as many fish as Natasha and Natasha caught $\frac{1}{2}$ as many fish as Rocky. Together they caught 56 fish. How many did Boris catch?

They

8

*Rocky 3
Natasha*

45 **Tides**

What kind of tides occur just after a new and full moon when the gravitational attraction of both the Sun and Moon act in a direct line?

spring tides

*Alt 1 Monuments

The Hele Stone, over which the Sun rises on Midsummer Day, stands in isolation outside circles of stone in what British monument?

Heal

Stonehenge

*Alt 2 Big Gifts

Who wrote these words in the 19th century?
I then bequeath the whole of my property to
the United States of America to found at
Washington under the name of the Smithsonian
Institution an establishment for the increase
and diffusion of knowledge.

(James) Smithson

*Alt 3 Prosecution

The Inquisition was a tribunal for prosecuting what crime?

*Alt 4 Nouns

What kind of nouns, singular in their base forms, name ^{names} groups of people or things?

heresy

collective nouns

*Alt 5 Legislation

The Volstead Act was voided with the repeal of what amendment?

18th (Amendment)

*Alt 6 Taking the Pulse

In what part of an accident victim's body could you take a carotid pulse?

neck

*Alt 7 Story Inspirations

Robert Louis Stevenson based the central character of what book on William Brodie, a businessman by day and a criminal by night?

Dr. Jekyll and Mr. Hyde