

Iowa State Invitational, 1994

Director's Packet, III

October 15, 1994

Toss-Ups

1. Knights, rooks, cannon, mandarins, pawns, elephants and a king. For ten points, what oriental game is played with the above pieces on a board divided in half by a river?

Chinese Chess (DO NOT accept shogi, Japanese Chess or Korean Chess)

2. The book is an expansion of the Sanford lectures delivered at Duke University in October of 1986. Subtitled "Surviving the First Century of the Nuclear Age," it contains the author's views on the mistakes made by the United States during the Cold War and an assessment of future policy needs. For ten points, name this work by Robert McNamara.

Blundering into Disaster

3. This act passed in 1862 granted to each loyal State in the Union 30,000 acres for each Senator and Representative then in Congress. These grants were to aid states in the establishment of agricultural colleges. FTP what law created the Land Grant institutions?

The Morrill Act

4. The newest ones watch charged particles cascade down energy levels releasing photons at each step. Older versions, including the semiconductor and the gas captured energy by particle- antiparticle reactions. For ten points, what is this device used to produce a highly focused beam of monochromatic light?

laser

5. Armed with swords, bows, boomerangs and a wand of fire, Link must defeat Gannon's minions to save the eponymous princess. For ten points, what is this early adventure game available for the Nintendo?

The Legend of Zelda

6. This treaty stated that international disputes must be solved without resorting to force but there were a number of reservations and exceptions that made it ineffectual. Signed in 1928 FTP what treaty takes its name from the U.S. Secretary of State and the French foreign minister of that time?

The Kellogg-Briand Treaty or Pact

7. He graduated from Columbia at the age of 17 and became an engineer for the Erie railroad. In 1843 his career in architecture began when his plans for Grace church at Broadway and 10th Street won a design competition. FTP what architect also won the competition to design St. Patrick's cathedral in New York?

James Renwick

8. Born in 1821 this man made a fortune as a cotton planter and slave trader. At the start of the Civil War he enlisted as a private and then equipped a cavalry unit on his own. For ten points, who is this man, possibly the Confederacy's best cavalry leader, who later founded the Ku Klux Klan?

Nathan Bedford Forrest

9. Application of potassium dichromate followed by silver nitrate stains a few neurons in brain-tissue samples black making their shape visible for study. For ten points, what is this laboratory technique discovered accidentally by an Italian physician in the 1870's?

Golgi stain

10. Name the title shared by John Milton and Clifford Odets from their intermingled list of actors: Gus, Gabriel, Clara, Joe, Death, Julie, Kewpie, Death, Pearl, Lucifer and God.

Paradise Lost

11. He was born under the appearance of Halley's comet and died under its next occurrence. In between, he produced such works as *The Literary Offenses of James Fennimore Cooper*, *The Prince and the Pauper*, and *Huckleberry Finn*. For ten points, who is this American author?

Mark Twain OR Samuel Clemens

12. The rulers will have no contact with gold or silver and will live amongst the ruled; artists shall create no hideous or deformed works; the gods shall be portrayed in positive and virtuous light; unfit children will be exposed; for ten points, what is this utopian work by Plato?

The Republic

13. Despite its provincial name, this art movement was international in character as Charles IV drew artists from across Europe to Prague. Karlstein Castle and the cathedral of St. Vitus remain; other works were destroyed in the Hussite troubles. For ten points, what is this rhapsodic movement?

Bohemian School

14. For a quick ten points, how many different moves are there for the black player in a checkers game about the make his first move?

7

15. One should not look directly at nuclear explosions because this radiation might damage your eyes. Richard Feynman watched the first test, though, through the windshield of a bus because he knew that the glass would protect him from, for ten points, what kind of photons?

ultraviolet radiation

16. Shakespeare's Friar Lawrence, Eco's William of Baskerville and reality's William of Ockham all belonged to the same monastic order; for ten points, what is this group organized in the 12th century by St. Francis of Assisi?

Franciscans

17. It is a pendulous air plant that grows in drooping masses. The slender grayish hair like stems can grow to more than 20 feet long. FTP what plant of the southeastern United States described is a member of the pineapple family?

Spanish Moss

18. It was worn during the Greco-Roman era by freed slaves and appeared in the Paris streets in 1789. On June 20, 1792 Louis XVI was forced to wear an elaborate one. FTP what cap became the emblem of the French Revolution?

Bonnet Rouge

19. "Under the spreading chestnut tree, I sold you and you sold me," laments Winston and Julia after their experiences in room 101 under the Ministry of Love. For ten points, what is this Orwell novel of a totalitarian regime, published in 1948?

1984

20. It was hidden in Allentown during the British occupation of Philadelphia but later replaced in all its glory in Independence Hall in 1778. For ten points, what is this sonorant symbol, cracked tolling the death of John Marshall in 1835?

Liberty Bell

21. Amnesty International warned India thusly: "Unless the state government of Arunachal Pradesh takes immediate preventive action, there are fears that members of the Chakma and Hajong communities...face imminent attack from groups of civilians." For ten points, from what country are these Hindu and Buddhist immigrants coming?

Bangladesh

22. All College Bowlers can tell you that the most famous undergraduate lectures in all of academia were by Richard Feynman, but, for ten points, can you name either of his co-authors?

Leighton OR Sands

23. He was known for using but four colors and his mastery of chiaroscuro as court painter to Philip of Macedon and Alexander the Great. Only descriptions of "Aphrodite rising from the sea" and "Calumny" exist. For ten points who is this man reckoned the greatest of Greek painters?

Apelles

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Bonuses

1. (20 points) There are four words which are not used as nouns or pronouns anywhere in the first verse of the popular children's song about the collapse of a British river-spanning structure, but could be nouns or pronouns in another sentence. For five points each, name them.

London, falling, down, fair

2. (20 points) A woman from Toronto fords a South American river dressed like a man to attend a recital of religious music. For five points each, what four words beginning and ending with "o" are suggested by this sentence?

Ontario, Orlando, oratorio, Orinoco

3. (20 points) In the real world, nothing is certain but death and taxes. In *Monopoly*, one need only worry about the taxes. For five points each, name the four kinds of taxes that appear in the *Monopoly* game.

Income tax, Luxury tax, School tax, Poor tax

4. (30 points) Is this a bonus I see before me? It is, a bonus on *Macbeth*.

- (a) (10 points) First, which two characters discover Duncan's body?

MacDuff and Lennox

- (b) (10 points) Second, what are the names of Duncan's two sons?

Malcolm and Donalbain

- (c) (10 points) Third, which two men did Macbeth hire three thugs to kill?

Banquo and Fleance

5. (30 points) The moderator will hand you a reproduction of a painting. Examine it closely and answer the following questions about it for five points apiece.

- (a) (5 points) First, what is the setting of the painting?

Gethsemane

- (b) (10 points) Second, who are the two figures in the lower-left hand corner?
Simon Peter and Malchus (prompt if "slave of the high priest") is answered
- (c) (5 points) Third, who painted the picture?
Anthony van Dyck
- (d) (5 points) Fourth, within forty years, when was it painted?
1621 (accept 1581 - 1661)
- (e) (5 points) Fifth, to what art movement does the painting belong?
baroque (Source: *Selected Works*: The Minneapolis Institute of Arts, ISBN 0-912964-32-4)

6. (30 points) College bowlers should know more about the Holy Roman Empire than three things it was not; here's a chance to prove it.

- (a) (10 points) First, within 15 years, when was the first Holy Roman Emperor crowned?
938 (923 - 953)
- (b) (10 points) Second, what man was the first Holy Roman Emperor?
Otto I
- (c) (10 points) Third, what man actually created the name "Holy Roman Empire"?
Frederick Barbarossa

7. (30 points) Name the drama from some quotes; 30-20-10.

- (a) (30) "That snotnose. Imagine that. I named him. I named him Howard."
- (b) (20) "That boy – that boy is going to be magnificent!"
- (c) (10) "Pop! I'm a dime a dozen and so are you!"

Death of a Salesman

8. (25 points) One single man has been responsible for beginning projects to build the world's largest telescope four times.

- (a) (5 points) First, who is this man?
George Ellery Hale
- (b) (20 points) Now, for five points each, name the four telescopes—in any order—that he started to bring to fruition.

Yerkes, Mt. Wilson Telescope, Hooker Telescope, Hale Telescope

9. (30 points) The popular *Authors* card game pictured a selection of American and British authors. For five points each, maximum of thirty, can you name six of these?
Louisa May Alcott, Charles Dickens, James Fennimore Cooper, Washington Irving, William Shakespeare, Alfred, Lord Tennyson, Mark Twain, Henry W. Longfellow, Sir Walter Scott and Nathanael Hawthorne.
10. (30 points) Here's a formulaic bonus. I'll name three famous pieces of classical music...you'll earn ten points apiece for each that you can correctly give of author of:
- (a) (10 points) *Carmina Burana*
Carl Orff
 - (b) (10 points) *Night On Bald Mountain*
Modest Mussorgsky
 - (c) (10 points) *The March of Scythes*
Christopher Royer
11. (25 points) College Bowl won't appear on this list, but it might be the most important one to some of you. I'll name five drugs, you rank them from most physically and psychologically addictive to least. Five points for each listed in the correct place. The drugs are: Ecstasy, Nicotine, Valium, PCP and caffeine.
1. Nicotine; 2. Valium; 3. Caffeine; 4. PCP; 5. Ecstasy (Source: *In Health*, Nov/Dec 1990)
12. (30 points) Name the book from some hilarious quotes; 30-20-10.
- (a) (30) "Well, if the lower orders don't set a good example, what on earth the use of them?"
 - (b) (20) "There is very little music in the name Jack."
 - (c) (10) "My name is Ernest in town and Jack in the country."

The Importance of Being Earnest

13. (20 points) Sri Lanka has been torn with strife due to tension between the Sinhalese and the Tamils, the two prominent ethnic groups. One militant terrorist organization, identified by the acronym LTTE, however, has been most destructive in its efforts to win control of the land. For five points per word, what does LTTE stand for?
Liberation Tigers of Tamil Eelam

14. (25 points) I'll name five former colonies of Africa; you are expected to be able to tell me which European nation owned them in 1939.
- (a) (5 points) First, Southwest Africa
Great Britain (accept England or United Kingdom)
 - (b) (5 points) Libya
Italy
 - (c) (5 points) Algeria
France
 - (d) (5 points) Angola
Portugal
 - (e) (5 points) Sierra Leone
Great Britain (accept England or United Kingdom)
15. (30 points) Many three-letter acronyms's are made of just a single letter (like ZZZ). I'll give cryptic, alliterative clues to six; you identify the TLA for five points apiece.
- (a) (5 points) institute for improving industry
BBB accept Better Business Bureau
 - (b) (5 points) Bedford's bedsheets
KKK accept Ku Klux Klan
 - (c) (5 points) caretakers of cars
AAA accept Automotive Association of America
 - (d) (5 points) a sleeker SLIP
PPP accept Point-to-Point Protocol
 - (e) (5 points) Great graphical gopher
WWW accept World Wide Web
 - (f) (5 points) Dollar-a-day depression Deal
CCC accept Civilian Conservation Corps
16. (30 points) Name the following two famous foreign writers from several of their titles for fifteen points apiece.
- (a) (15 points) *I Served the King of England, Too Loud a Solitude* and *Closely Watched Trains*
Bohumil Hrabal
 - (b) (15 points) *Crepusculary*, *One Desperate Song*, *Residence on Earth*

Pablo Neruda

17. (20 points) College Bowl is a battle to the death, so it only makes sense to have a question about duals and duels! I'll name one member of a famous dual or duel, you tell me the other for five points apiece.

(a) (5 points) Alexander Burr

Alexander Hamilton

(b) (5 points) A 1-form

vector

(c) (5 points) Mercutio

Tybalt

(d) (5 points) Octohedron

cube

18. (25 points) Take note of the following motions: amendment, adjournment, calling for the orders of the day, indefinite postponement and laying on the table. For five points each, place them in order of highest precedence to lowest precedence according to *Robert's Rules of Order*.

Adjournment, Calling for the Orders of the Day, Laying on the Table, Amendment, Indefinite Postponement

19. (30 points) Here's a noble and novel question: I'll give you translations of five Greek words from which the names of the noble gases were taken...you give me the noble gas. Ready?

(a) (5 points) "ray"

radon

(b) (5 points) "new"

neon

(c) (5 points) "inactive"

argon

(d) (5 points) "hidden"

krypton

(e) (5 points) "stranger"

xenon

(f) (5 points) "sun"

helium

20. (30 points) If you own a member of the *testitudine* family, it's a good idea to buy an ultraviolet-emitting lamp to put on top of the terrarium.
- (a) (10 points) First, what kind of animal is a *testitudine*?
turtle or tortoise
 - (b) (10 points) Second, what vitamin requires the ultraviolet light to be usable?
vitamin D
 - (c) (10 points) Third, why can't the turtle receive sufficient light through the sides of the aquarium?
glass absorbs ultraviolet radiation (accept equivalents)
21. (30 points) Closed, open, both or neither? I'll give you a subset of the reals; for ten points each you tell me if it is open, closed, both or neither.
- (a) (10 points) The rationals
Neither
 - (b) (10 points) The reals
Both
 - (c) (10 points) The integers
Closed



Figure 1: Visual aid for bonus question #5.