

Iowa State Invitational, 1994

Director's Packet, V

October 15, 1994

Toss-Ups

1. This World War I veteran journalist attacked Nazi militarism and was sent to a concentration camp for his troubles. Upon catching tuberculosis he was moved to a sanitarium and could not accept the Nobel Peace Prize awarded him in 1935. For ten points, who is this inspirational German?

Carl Von Ossietzky

2. As of October 9, the top five were China, South Korea, Japan, Kazakhstan and Taiwan. Two instances of substance abuse have already been reported, investigated and acted upon. For ten points, what is this sports event currently ongoing in Hiroshima?

Asian Games

3. An average student when asked to approximate the area under a curve might say "Doh", but brighter ones would realize that trapezoids provide a good first-order approximation and end up deriving what well-known rule of the Calculus?

Simpson's Rule

4. Note the following names: Al Rahim, Al Matin, Al Kabir, Al Samad, Al Azim, Al Khaliq, Al Bari', Al Karim and Al Muhsi. For ten points, for which being are they all appellations?

Allah

5. A deck has 81 cards containing, for instance, a single purple shaded squiggle or three green open diamonds. For ten points, what is this game of collecting special triads of cards?

Set

6. Staubbach, Widow's Tears, Vettisfoss, Gavarnie, Upper Yosemite, Ribbon, Takkakaw, Sutherland, Victoria, Tugela and Angel, are, for ten points, what kind of cascading marvel?

waterfalls

7. As a young man, his comedy *Philodoxos* passed as an original Latin work. When more mature, he dedicated *Della Pittura*, the first description of perspective construction, to his Florentine artist friends. For ten points, who is this humanist author of *De re aedificatoria*? [AYE-dih-fih-cah-tore-ee-ah]

Leon Baptista Alberti

8. The book's heroine first is married to Logan Killicks, an old man with money. Loveless, she leaves him and marries Joe Starks who makes her into a showpiece—a mayor's wife. Last she marries Tea Cake and finds true love until he contracts rabies during a flood. For ten points, what is this semi-autobiographical novel by Zora Neale Hurston?

Their Eyes Were Watching God

9. It occurs 22,300 miles from the surface of the earth and was first discovered by Arthur C. Clarke. For ten points, what is the prime location to place satellites?

geosynchronous orbit

10. Each one consists of a carbon atom joining an amine group, a carboxyl group, a hydrogen atom and one of twenty different alkyl groups. For ten points can you identify this class of biochemicals with three-letter abbreviations like ALA that string together to make proteins?

amino acids

11. The name's the same, Steinbeck's truck in *Travel's with Charley* and Don Quixote's horse in Cervante's novel. For ten points, what is the shared name?

Rocinante

12. It marks the first discontinuity in Egyptian art in over 1700 years. In the 18th dynasty the pharaoh Akhenaton imposed a manneristic style as part of his solar monotheism. For ten points, what is this period of Egyptian history which shares its names with Akhenaton's new capital?

Amarna period

13. Greeks and southern Italians eat a high-fat diet but have a low rate of heart troubles. This might be because their diet is rich in olive oil since it contains fats which remove low density lipoproteins while ignoring high density lipoproteins. For ten points, what is this class of chemicals?

monounsaturated fats (prompt if olive oil is answered)

14. He saved Arrius from drowning and used his reward to return to his homeland to seek his mother and sister and revenge himself on Messala in a vicious chariot race. Eventually, he meets Jesus and recognizes him as the Messiah. For ten points, who is this Lew Wallace character?

Judah Ben Hur

15. The son of Norwegian immigrants this agronomist spent three years working for the du Pont de Nemours foundation before leaving to join the Rockefeller Foundation's wheat improvement project in Mexico. For ten points who was awarded the 1970 Nobel Peace Prize for his role in initiating the "Green Revolution"?

Norman E. Borlaug

16. They were founded by a Prussian sergeant at Kharkov in the 18th century and sought individual contact with God through inner light and glossolalia. Persecution by the czars led Tolstoy to use his influence to allow them to emigrate to Canada. For ten points, what is this sect?

Doukhobors

17. Though their name means "those who know", members really meant "revelation". Many fell into disfavor arguing that Plato and Pythagoras were precursors of Christian thought and were among the saved. For ten points, what is this 1st and 2nd century movement?

gnosticism

18. Sparta allowed them to fight next to the king in battle; Athens fed them for free for the rest of their life; Pindar saluted a number of them; they were crowned with an olive wreath and presented with olive oil from the sacred groves. For ten points, what group of athletes were rewarded thusly?

winners at the Olympics

19. The core of the idea is that several planets were joined with gases, dust, moons and cosmic debris within the timeframe of prehistoric man creating an awesome celestial sight which towered over man and inspired otherwise inexplicable artistic similarities across cultures. For ten points, what is this Velikovsky-inspired theory named for the only floatable planet?

Saturn theory

20. In antiquity it referred to an onyx marble now called Mexican onyx. In modern times, it refers to a sulphate of lime, a granular form of gypsum. For ten points, what is this fine-grained, translucent stone which now causes cities to gleam?

alabaster

21. This humanitarian, statesman, marine zoologist and oceanographer was one of the first to hike Greenland from east to west, came with 300 miles of the north pole in a kayak, developed the bottle used by oceanographers to take water samples and received the 1922 Nobel Peace Prize for helping German and Russian war prisoners return to their homelands. For ten points, what Norwegian polar explorer am I describing?

Fridtjof Nansen

22. He was betrayed by an elderly knight who sat at the King's right knee; the knight convinced this Scottish noble, the best sailor at the court, to sail at a dangerous time of the year to fetch his bride-to-be. For ten points, who is this man whose hat floats half-over to Aberdour?

Sir Patrick Spens

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Bonuses

1. (30 points) I'm sure you all know that napalm is a jellied gasoline used in war; it is a white solid dissolved in gasoline. The white solid is made up of primarily two components, of which has contributed part of the name "napalm." For fifteen points each, tell me the groups of chemicals which give us the "Na" and the "Palm".

naphthenic acids and coconut fatty acids

2. (30 points) Elliot Richardson held three cabinet posts under Nixon. For ten points apiece, how many of them can you name?

Secretary of Defense, Attorney General and Secretary of Health, Education and Welfare

3. (25 points) Person, place or thing? I'll give five names from Norse mythology. You tell me whether each is a person, place or thing for five points apiece.

- (a) (5 points) Embla

person (first man)

- (b) (5 points) Mjolnir

thing (Thor's hammer)

- (c) (5 points) Hoenir

person (brother of Odin)

- (d) (5 points) Vanaheim

place (home of the Vanir gods)

- (e) (5 points) Lidskjalf

thing (Odin's throne)

4. (25 points) It is important to a Taoist to carefully choose the proper substances, times and attitudes from the outer world in order to sustain the inner world. This included correlations amongst body parts, tastes, colors and elements. I'll give the body part, taste and color, you supply the element associated with those three.

- (a) (5 points) First, the liver, green and acidity

Wood

- (b) (5 points) the heart, red and bitterness

Fire

- (c) (5 points) the spleen, yellow and sweetness

earth

- (d) (5 points) the lungs, white and acridity

metal

- (e) (5 points) the kidneys, black and saltiness

water

5. (25 points) In Tolkien's Middle Earth, the Istari were a group of five Maiar sent by the Valar to combat Sauron. Only one remained true to his calling, for two disappeared, one was distracted by animals and one turned to evil. For five points each, name these wizards.

Gandalf, Saruman, Radagast, Pallando, Alatar. (Accept for Gandalf: Mithrandir, Olorin, Gandalf the Grey, Gandalf the White. Accept for Saruman: Curunir)

6. (20 points) Time for a College Bowl metaquestion. I'll give acronyms for phrases commonly occurring in College Bowl questions; you identify the phrase for five points apiece.

- (a) (5 points) FAQTP

"For a quick ten points"

- (b) (5 points) PAPR

"Pencils and paper ready"

- (c) (5 points) PFFAC

"Plus five for all correct"

- (d) (5 points) FFPE

"For five points apiece"

7. (30 points) Identify the thinker from his quotes; 30-20-10.

- (a) (30) "There is a saying in Rome: 'Blessed is the mother whose son celebrates a Mass at Saint John's on Saturday.' I surely would have liked to make my mother blessed! But there was a great commotion and I could not get near, so I ate a smoked herring instead."
- (b) (20) "I kept the rule of my order so strictly that I may say that if ever a monk got to Heaven by his monkery, it was I."
- (c) (10) "Therefore I cannot and will not recant, since it is neither safe nor right to go against one's conscience."

Martin Luther

8. (25 points) The so-called "New York 5" were a driving force in the development and eminence of contemporary, post-modern architecture. You'll receive five points apiece for each of the "New York 5" you can name.

Peter Eisenman, Richard Meier, Charles Gwathney, John Hejduk and Michael Graves

9. (25 points) All college bowlers can name the seven wonders of the world, but, can you place the following five wonders of the world in decreasing order of height? The wonders are: the Colossus at Rhodes, the temple of Athena at Ephesus, the Pyramids, the statue of Zeus at Athens and the Hanging Gardens of Babylon.

1. Pyramids; 2. Hanging Gardens of Babylon; 3. Colossus at Rhodes; 4. Temple of Athena at Ephesus; 5. statue of Zeus at Athens

10. (30 points) Identify the thinker from his quotes.

- (a) (30) "The surest way to corrupt a youth is to instruct him to hold in higher esteem those who think alike than those who think differently."
- (b) (20) "The errors of great men are venerable because they are more fruitful than the truths of little men."
- (c) (10) "Whatever does not kill me, makes me stronger."

Frederick Nietzsche

11. (20 points) Science is not the most attractive discipline, but its vocabulary contains a number of phrases that involve a form of the word "attract." I'll describe two; you identify the phrases.

- (a) (10 points) A group of stars between Centaurus and Hydra toward which it is hypothesized the Milky Way and all surrounding galaxies are moving.

Great Attractor

- (b) (10 points) A fractal pattern in Poincare slices of phase space for a chaotically-moving pendulum.

strange attractor

12. (30 points) Listen to the following couplet with four missing words:

That if blank were made for blank
Then blank is its own excuse for blank.

and answer the following questions...

- (a) (5 points) First, what is the missing last word of the couplet?
being
- (b) (5 points) What is the second missing word of the couplet?
seeing
- (c) (5 points) What is the first missing word of the couplet?
eyes
- (d) (5 points) What is the third missing word of the couplet?
beauty
- (e) (10 points) And now, for ten points, tell me either the author of the couplet or the poem from which it was taken.
Ralph Waldo Emerson OR Rhodora

13. (30 points) Name the novel from a list of its characters; 30-20-10.

- (a) (30) Alan Campbell, a chemist, and Basil Hallward. a painter.
- (b) (20) Lord Henry, a selfish snit, and Sibyl Vane, an actress.
- (c) (10) Dorian Gray, "an extremely handsome young man."

The Picture of Dorian Gray

14. (30 points) Poem, sculpture, painting or prose? I'll name a work by William Blake, you tell me which of the above four things it is for ten points apiece.

- (a) (10 points) *Joseph of Arimathea*
sculpture
- (b) (10 points) *Marriage of Heaven and Hell*

prose

- (c) (10 points) The Four Zoas

poem

15. (20 points) Two popular scams remain those of determining one's character from the lines on one's palm or from the bumps upon one's head. For ten points each, give the names of these two practices.

chirognomy and phrenology (DO NOT accept palmistry or chiromancy)

16. (30 points) Will you weep when there are no more teams left to conquer? If so, you will probably do well on this bonus about the famous Alexander Mosaic.

- (a) (5 points) First, for five points, in what century do the events in the mosaic take place?

fourth century B.C.

- (b) (5 points) Second, for five points, what Persian monarch is shown in defeat?

Darius

- (c) (10 points) Third, for ten points, which battle is depicted?

Issus

- (d) (10 points) Fourth, for ten points, from what ex-city was the mosaic recovered?

Pompeii

17. (20 points) The letters M and C frequently stand for other things...for ten points apiece, what do they mean in each of the following?

- (a) (5 points) M.C. Hammer

Master of Ceremonies

- (b) (5 points) M.C. Escher

Maurits Cornelius Escher

- (c) (5 points) E equals $m c$ squared

mass and the speed of light

- (d) (5 points) McKinley

son of

18. (25 points) Identify the following characters from Melville's *Moby Dick*:

- (a) (5 points) First, the captain of the *Pequod*.

Captain Ahab

- (b) (10 points) Second, the first and second mates of the boat.

Starbuck and Stubb

- (c) (10 points) Third, Ahab's Parsee servant and seer.

Fedallah

19. (20 points) For five points apiece, maximum of 20, tell me which god lent his or her name to each of the following days of the week.

- (a) (5 points) Friday

Frikka or Frigga

- (b) (5 points) Thursday

Thor

- (c) (5 points) Wednesday

Odin

- (d) (5 points) Tuesday

Tyr

20. (30 points) Most legends that contain ultrapowerful characters admit that the character is not all-powerful, and, in fact, has a small, unknown weakness that can cause near-total collapse if exploited. I'll describe four such; can you identify them the stated number of points?

- (a) (5 points) First, this man's ankle went unprotected because he was held by while being immersed in the Styx.

Achilles

- (b) (5 points) Second, this station had an exhaust port right below the main port dangerously close to critical elements.

Death Star

- (c) (10 points) Third, this man's back was not bathed in the blood of the slain dragon and thus remained vulnerable.

Siegfried

- (d) (10 points) This dragon's armor had a small missing chink, the news of which was carried by a sparrow to Laketown.

Smaug

21. (25 points) The moderator will give you a reproduction of a piece of art. Examine it closely and answer the following questions about it.

- (a) (5 points) First, which holiday is being celebrated?

Purim

- (b) (10 points) Which two characters are conversing in the upper left-hand corner?

Esther and Mordecai

- (c) (5 points) To whom is Esther kneeling in the scene below that one?

King Ahasuerus or Xerxes

- (d) (5 points) What is the name of the rightmost erect character?

Haman



Figure 1: Visual aid for bonus question #21.