

Iowa State Invitational, 1994

Director's Packet, VI

October 15, 1994

Toss-Ups

1. He was a pastor at the Palama Mission in Honolulu. A Yale graduate with advanced degrees from Berkeley and Harvard, he was a state Governor and a U.S. Senator. For ten points, which man is credited with the 1911 discovery of the lost city of the Incas on Machu Picchu Mountain in Peru?

Hiram Bingham

2. He left Lantern Yard after a false conviction for theft and then moped about in Raveloe until Eppie, the unwanted daughter of Godfrey Cass arrived and caused his life to bloom. For ten points, who is this weaver, subject of George Eliot story?

Silas Marner

3. "I am going to pack my two shirts with my other socks and my best suit in the little blue cloth my mother used to tie around her hair when she did the house, and I am going from the Valley." For ten points, which Richard Llewellyn novel do these words begin?

How Green was my Valley

4. This 19th century composer wrote three string quartets in the space of two months for his friend, Felix Mendelsohn. For ten points, who was this composer of opus 41, numbers 1, 2 and 3?

Robert Schumann

5. The name's the same—the edifice constructed by Shah Jehan and this versatile blues guitarist who wrote "Cajun Waltz" and performed a duet with Etta James on the song "Mockingbird." For ten points, identify the common appellation of musician and monument.

Taj Mahal

6. The main character encounters Brother Patrick, James Walker, Claud Tyler, Kendrick Fritz and Robert Roemer, among others in his travels across America. For ten points, what is the William Least Heat Moon book which takes its name from the road alongside the Columbia river?

Blue Highways

7. For a quick ten points, in which case does the name Brutus appear in Caesar's last words according to William Shakespeare?

vocative

8. It was a he, not a she, that cut off the tails of the mice and he probably used something more scientific than a carving knife to demonstrate the non-inheritability of that characteristic. For ten points, who was this turn-of-the-century biologist whose fanatic espousal of natural selection put him at odds with most other evolutionists?

Weismann

9. He made Sicily, Aragon, Portugal, England and Denmark papal fiefs, humbled King John of England, forced Philip Augustus to take back a wife and decided from among competing candidates for the German throne. For ten points, whose papacy marked the zenith of papal power?

Innocent III

10. It was the largest, and greatest, city in Europe in the mid-ninth century, the center of European science and learning. For ten points, what is this Spanish city which rose to greatness during the Omayyad dynasty?

Cordoba

11. The name's the same: the annual prize for progress in religion, the rich socialite of Maugham's *The Razor's Edge* and the rat in Charlotte's Web. For ten points, what is this name?

Templeton (accept Templeton Prize or Elliot Templeton, etc.)

12. James Stirling, Erich Mendelsohn, Anton Gaudi, Adolp Loos, Alvar Aalto, Vitruvius, Louis Sullivan, Eero Saarinen, Walter Gröpius, Paladio, Buckminster Fuller and Mies van der Rohe were all, for ten points, what type of creative genius?

architect

13. In the first village he visits things go well until his plan to get rid of frogs destroys the community's well; at the second, things go well until Dahfu dies and pronounces him the new tribal king. Eventually he returns to America a little saner. For ten points, who is this Rain King of Saul Bellow?

Henderson

14. A strangely individual figure, this painter developed a unique and strangely grotesque style for such works as *The Adoration of Kings*, *The Temptation of St. Anthony*, and *Haywain*. For ten points, who is this Netherlander responsible for *The Garden of Earthly Delights*?

Hieronymous Bosch

15. A putative vacation turned into an Iranian captivity for an American woman and her son when she realized that her physician husband had planned all along to forbid them to return. For ten points, who is the woman or the book she wrote after her successful escape?

Not Without My Daughter OR Betty Mahmoody

16. In Eric T. Bell's canonical *Men of Mathematics*, she is the only woman to figure at all; in a sketch titled "Master and Pupil," he portrayed her as the brilliant student, working alongside the prolific mathematician Weierstrass. FTP, name this Russian, remarkable for both her intellect and her tenacity in a field dominated by the opposite sex.

Sofya Kovalevskaya

17. The palindrome's the same: a group of carlovingian illuminated manuscripts and ivory carvings, the daughter of Lord Byron or a programming language used by the military. For ten points, what is this three-letter word?

Ada (Moderator: accept "Ada Lovelace" or similar)

18. He received a gold medal for a plan he submitted for lighting streets and also worked on improving agriculture, but his real contributions lay in chemistry where he disproved the existence of Phlogiston and other elementary substances. For ten points, who was this guillotined Frenchman?

Antoine Lavoisier

19. Each has three parts: a phosphate, a sugar and a base. Three have pyrimidine as their base; two have purine. For ten points, what is this group of biochemicals which includes adenine, uracil and cytosine?

nucleotides

20. An alert farmhand prevents Boldwood's suicide moments after he kills the lying, unfaithful soldier Troy who had won Bathsheba's heart. The denouement is Boldwood's incarceration and Bathsheba's wedding to the ever-faithful Gabriel Oak, in, for ten points, which Thomas Hardy novel?

Far from the Madding Crowd

21. He became a reporter for the Baltimore *Morning Herald* at the age of 19. Six years later, in 1905, he was the editor of the *Evening Herald*. For ten points, what man of letters produced *The American Language: an Inquiry into the Development of English in the United States*?

H(enry) L(ouis) Mencken

22. This poem mentions the thunder and the sunshine, the fading margin of the untravelled world, the equal temper of heroic arts and an idle king. For ten points, what is this Alfred, Lord Tennyson work whose speaker wants “to strive, to seek, to find and not to yield”?

Ulysses

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Bonuses

1. (30 points) Both Norse and Babylonian mythologies have creation tales that narrate how heroes slay a fearsome beast and then use the beast's corpse to construct the world.
 - (a) (5 points) First, for five points, name one of the three gods who does the slaying in Norse mythology.
Odin, Hoenir or Lodur
 - (b) (10 points) Second, for ten points, who is slain in Norse mythology?
the jotun Ymir
 - (c) (5 points) Third, for five points, who does the slaying in Babylonian mythology?
Marduk
 - (d) (10 points) Fourth, for ten points, who is slain in Babylonian mythology?
Tiamat
2. (25 points) Several elements have names that are taken from ancient words for their color. I'll give the color, you identify the element for five points apiece.
 - (a) (5 points) sky-blue
cesium
 - (b) (5 points) red
rubidium
 - (c) (5 points) green
chlorine
 - (d) (5 points) violet
iodine
 - (e) (5 points) indigo-blue

indium

3. (25 points) I'll describe a Roman political office; for five points apiece, identify the office.

- (a) (5 points) Originally there were two: one to handle affairs inside the city and one to handle the affairs without. Later the number increased.

praetors

- (b) (5 points) They were the officials of the people and could veto any legislation.

tribunes

- (c) (5 points) They were responsible for the upkeep of city Temples and for organizing feasts and games.

aediles

- (d) (5 points) They were the quartermasters for the armies.

quaestors

- (e) (5 points) The first man in a family to achieve this rank was called a *novus homo*.

consuls

4. (30 points) Name the epic poem from a list of characters for ten points apiece.

- (a) (10 points) King Alfonso, Minaya Fanez, Dona Ximena

El Cid

- (b) (10 points) Unferth, Wiglaf, Hrothgar

Beowulf

- (c) (10 points) Uriel, Raphael, Michael

Paradise Lost

5. (25 points) I'll name five planets of the solar system; you are expected to rank them from most dense to least dense. You'll receive five points for each listed in the right place. The planets: Earth, Mars, Jupiter, Neptune, Pluto.

1. Earth; 2. Mars; 3. Pluto; 4. Neptune; 5. Jupiter

6. (30 points) Name the thinker from his quotes; 30-20-10.

- (a) (30) "Let us fear God and we shall cease to fear man." and "It is a sin to believe anyone else is inferior or superior to ourselves."

- (b) (20) "To prepare for home rule, individuals must cultivate the spirit of service, renunciation, truth, nonviolence, self-restraint, patience."

- (c) (10) "All India is my family."

Mahatma ~~Ghandi~~ Gandhi

7. (30 points) Physicists have found something they were looking for and something they weren't looking for, recently.
- (a) (10 points) First, for ten points, what massive particle of color's existence was finally inferred from detector tracks?
top quark (accept truth quark)
 - (b) (5 points) Second, for five points in what country was this particle found?
America or United States
 - (c) (10 points) Third, inside what hadron did researchers find something besides two ups, a down and a bunch of gluons using electron bombardment?
proton
 - (d) (5 points) Fourth, for five more points, in what country was this anomaly seen?
Germany
8. (25 points) Despite Horace Greeley's advice, this bonus is going to direct you to go east. I'll name a landmass, for five points each, you tell me what body of water laps its eastern shore.
- (a) (5 points) First, Greenland
Greenland Sea
 - (b) (5 points) Italy
Adriatic Sea
 - (c) (5 points) Sweden
Gulf of Bothnia
 - (d) (5 points) Malaysia
South China Sea
 - (e) (5 points) North Korea
Sea of Japan
9. (20 points) The novel *Steppenwolf* concerns a cultured, mild-mannered gentleman corporeally entwined with a fragmented animal, stunned by society; a character rather like its author. Thus it is not surprising that the author mirror his alliterative name with *Der Steppenwolf*. For five points per word, give the first and last names of the author and the main chracters of the novel.
- Hermann Hesse; Harry Haller

10. (30 points) Name the book from portrayed incidents; 30-20-10.

- (a) (30) A boy is carried downstream on a discarded air bladder from a catfish.
- (b) (20) The unnamed boy kills a carpenter by locking him in a bunker with ravenous rats.
- (c) (10) The adulterous Ludmila is sexually tortured and beaten to death by enraged wives.

The Painted Bird

11. (25 points) There is an oft-repeated quote about the polyglot Charles V that lists the different languages he spoke with various beings. For five points apiece, which language did Charles V speak with:

- (a) (5 points) ambassadors?

Italian

- (b) (5 points) ladies?

French

- (c) (5 points) soliders?

German

- (d) (5 points) his horse?

English

- (e) (5 points) God?

Spanish

12. (20 points) I'll describe four accomplishments by scientists whose names begin with K; you identify the scientist for five points apiece.

- (a) (5 points) First, discovered the structure of Benzene.

Kekule

- (b) (5 points) Second, discovered the atmosphere of Titan.

Kuiper

- (c) (5 points) Third, discovered three laws of celestial mechanics.

Kepler

- (d) (5 points) Fourth, discovered two laws of electrical circuits.

Kirchoff

13. (25 points) Five American vice presidents have had first and last names that began with the same letter. For five points apiece, can you identify them?

Hannibal Hamlin, William Wheeler, Calvin Coolidge, Charles Curtis, and Hubert Humphrey.

14. (30 points) Identify the novel from a list of character; 30-20-10.

- (a) (30) Moira and Nick
- (b) (20) Serena Joy and Fred
- (c) (10) Offred and Ofglen

The Handmaid's Tale

15. (25 points) I'll give you five operators from the C programming language; rank them from highest precedence to lowest precedence. You'll receive five points for each operator listed in the correct position. The operators are: predecrement, logical or, equality, assignment and division.

1. predecrement; 2. division; 3. equality; 4. logical or; 5. assignment

16. (20 points) Two novels contain very similar pronouncements of death: "He's dead, Mr. Finch" and "Mistah Kurtz, he dead." For ten points apiece, what are these two novels?

To Kill a Mockingbird and Heart of Darkness

17. (30 points) Identify the book from its ideas.

- (a) (30) Prospective spouses are advised to see each other naked to know what they are getting into.
- (b) (20) As long as there is private property and while money is the standard of all things, a nation can be governed either justly or happily.
- (c) (10) All the Utopians, men and women alike, work at agriculture.

Utopia

18. (30 points) Name the author from his works, 30-20-10.

- (a) (30) *The Starry Messenger*
- (b) (20) *Letter to the Grand Duchess Christina*
- (c) (10) *Dialogue on the Two Chief World-Systems* and *Two New Sciences*

Galileo Galilei

19. (20 points) Two fictional cities are associated with hundred-year intervals. One is a Scottish town that appears once every hundred years, the other is a Gabriel Garcia Marquez creation that lasted 100 years in solitude before being destroyed. For ten points each, what are these two towns?

Brigadune and Macondo

20. (30 points) Name the thinker from his preserved thoughts; 30-20-10.

- (a) (30) "While England endeavors to cure the potato-rot, will not any endeavor to cure the brain-rot, which prevails so much more widely and fatally?"
- (b) (20) "I wanted to live deep and suck all the marrow out of life."
- (c) (10) "I went to the woods because I wished to live deliberately."

Henry David Thoreau

21. (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 do the objects on the table represent?
the seven liberal arts
- (b) (15 points) Second, for up to fifteen points, identify the third, fourth and fifth figure from the left in any order.
Dante Alighieri, Petrarch, and Boccaccio
- (c) (5 points) Third, who painted the picture?
Giorgio Vasari
- (d) (5 points) Fourth, within forty years, when was it painted?
1544 (accept 1504 - 1584)

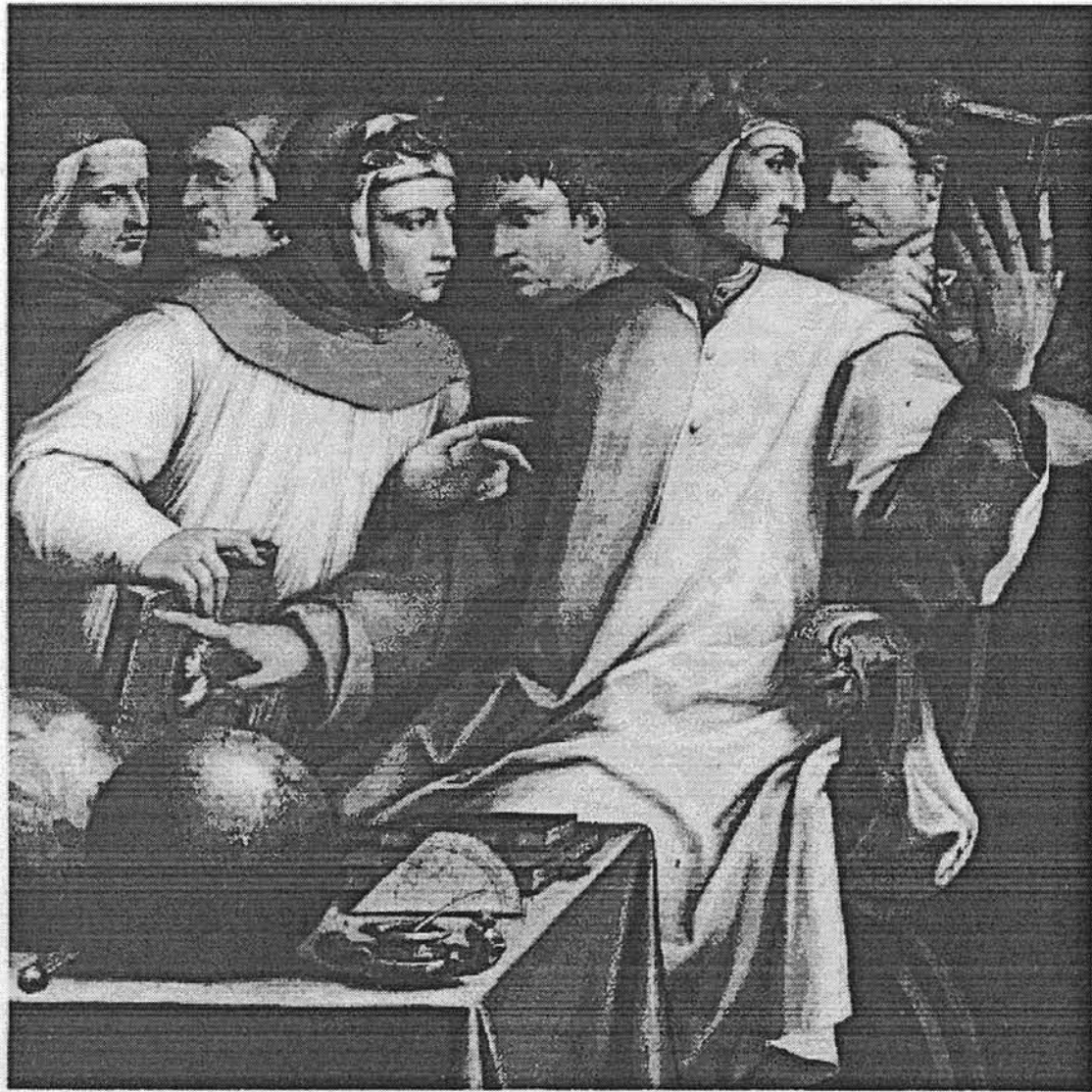


Figure 1: Visual aid for bonus question #21.