Iowa State Invitational, 1994

Carleton, Team B

October 13, 1994

Toss-Ups

1. Founded by W. E. B. DuBois in 1905, this movement opposed racial discrimination until 1910 when it was disbanded due to the success of DuBois' other organization, the NAACP. For ten points, what is this movement which took its name from an American/Canadian waterfall?

Niagara Movement

2. It is the canonical noncomputable quantity, namely the shortest input string that will produce a given output string on a standard Turing machine. For ten points. what is this form of complexity named for the Russian mathematician who first described it?

Kolmogorov complexity

3. Famous buildings include the Jamaa Mosque, the Holy Family Cathedral, the Kenyatta Cathedral and a 44-square mile National Park with lions, gnus and zebras. For ten points, what is this city of "cold water" which currently serves as the capital of Kenya?

Nairobi

4. It has five parts, "God", "The nature and order of the mind", "The emotions", "Human bondage", and "Human freedom", and contains a famous proof that only one thing with infinite attributes can exist. For ten points, what is this posthumously published work of a Jewish philosopher?

Ethics

5. If one chooses to calculate the cost of attending college, it is not enough to total tuition, room, board and books according to an economist. One need also consider the salary one loses by not working. For ten points, what name is given to this total cost?

opportunity cost

6. "I am an Albanian by birth. Now I am a citizen of India. I am also a Catholic nun. In my work, I belong to the whole world. But in my heart, I belong to Christ" opens *My Life for the Poor*. the autobiography of, for ten points, which Nobel Prize laureate?

Mother Theresa

7. The book's title is a single female name, but it's not the name of the main character—it's the name of her predecessor at Manderley, the first Mrs. de Winter. For ten points, what is this suspenseful novel by Daphne duMaurier?

Rebecca

8. His natural talent developed under David Kahn who taught him to step outside traditional Jewish restrictions on painting. His shows were successful, except that his use of Christian themes, particularly a crucifixion, alienated his parents. For ten points, who is this self-named character of Chaim Potok?

Asher Lev

9. There is no safety mechanism to ensure that an economy will rebound from depression was the major premise of this 1936 work which revolutionized Western economics due to its introduction of demand-side theory. For ten points, what is this John ~~Kenneth~~ [Maynard] ~~Galbraith~~ [Keynes] tome?

The General Theory of Employment, Interest and Money (prompt if ~~Galbraith~~ [Keynes] is answered early)

10. Common plants in this family are the potato, tomato and egg plant. Deadlier ones include belladonna, jimson weed and bittersweet. For ten points, what is the common name of this family of herbs and shrubs which takes its name from a famous, poisonous member?

nightshade (prompt if Solanaceae is answered early)

11. Of gamma rays, cosmic rays, x-rays and ultraviolet rays, which is the one composed of charged particles?

cosmic rays

12. This wealthy textile manufacture worked to pass legislation to reduce work weeks and prohibit child labor; he is more famous for establishing successful utopian socialist factories in Lanark, Hampshire and at New Lanark in America. For ten points, who is this Scotsman?

Robert Owen

13. This architect made full use of Finland's national resource of timber for his Artek furniture, an MIT dormitory, the Paimio Sanatorium and the Town Hall at Säynätsalo. For ten points, who is this leading figure of Scandinavian Expressionism?

Alvar Aalto

14. Let's introduce this question on English grammar by illustration; for ten points, what kind of "soft imperative" for speaker-inclusive groups often begins "let us"?

hortative

15. Juan de Fuca, Arabian, Cocos, Caroline, Scotia, Nazca, North American, Eurasian and African are all, for ten points, names of what kind of geological structures?

tectonic plates

16. Originally a clerk for the Guardian Insurance Office, this Englishman became a leading figure in the fin-de-siecle Aestheticist movement with his illustrations for the Morte D'Arthur, Salome and The Yellow Book. For ten points, who is this art nouveau illustrator?

Aubrey Vincent Breardsley

17. This strange, but intellectual secret society was founded in 1887 by former Rosicrucians professing to teach occult secrets of White Magic. Members included W.B. Yeats, Algernon Blackwood and Dion Fortune. For ten points, what is this mournful group?

Order of Golden Dawn

18. This was an 1810 American restriction on trading with English and French ships due to those countries' countinued attacks on American ships and impressings of American sailors. For ten points, what was this act which sounded like it would end the generation of new Americans?

Non-Intercourse Act

19. Most people know his son, the creative genius behind such works as the opera *Mitridate* and the *Jeunehomme* piano concerto, but few could tell you much about this man who wrote the "Toy" Symphony. For ten points, what is the full name of this musician?

Leopold Mozart

20. It was good that Dr. Charles Gloyd died, because Carry A. Gloyd does not have the same oomph as her name under her second marriage, during which she undertook to eliminate the sale of liquor and tobacco in the West. For ten points, who is this courageous woman?

Carrie A. Nation

21. President Dole refused to surrender power pointing out that the provisional government had been recognized and that the U.S. had to no right to to interfere. Cleveland was

unwilling to use force, so the annexation of, for ten points, which island stood as *fait accompli*?

Hawaii

22. Take n and m to be two integers and suppose that some linear combination of them is equal to one. This is equivalent to supposing that the biggest number that divides both of them evenly is one. For ten points, what are any such pair n, m called?

relatively prime (prompt if greatest common divisor is answered early)

23. After England and America withdrew their loan offers, the World Bank's automatically lapsed. This caused Egyptian President Nasser to search for another way to raise the funds necessary to dam the Nile. He settled on nationalizing, for ten points, which waterway?

Suez canal (accept Suez Crisis)

24. Though incomplete, it is already 230 feet long and is an important source of information on armor, clothing and boats of the eleventh century. It depicts 79 scenes of the events leading up to and including the Norman Conquest. For ten points, what is this so-so creation?

Bayeux Tapestry

25. One of this writers climaxes is that a ring, found in a fish, convinces a king that the woman he had sent away in disgrace was, in fact, the maiden he had promised to wed many years ago. For ten points, who is this author of *Shakuntala*?

Kalidasa

26. It was first performed in 1728 and ran for for sixty-two nights. A revival at the Lyric Theater in London ran for three and a half years begining in June of 1920. Characters include Mr. and Mrs. Peachum, Lockit, Filch, Mrs. Vixen and Crook-finger'd Jack. FTP name this work by John Gay.

The Beggar's Opera

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Bonuses

1. (25 points) The undivided Kingdom of Israel is nearly unique in that it had few enough rulers to make exhaustive listing a reasonable question. For five points each, name the five rulers of the undivided kingdom of Israel.

   Saul; Ish-Bosheth or Eshbaal, David, Solomon, Rehoboam

2. (20 points) The United States Navy names all its given ships in a single class with similar names. I'll give the general class of objects from which a class of ships takes its name, you tell me the class of ships for five points apiece.

   (a) (5 points) States

   battleships

   (b) (5 points) fish and heroes of American history

   subarmines

   (c) (10 points) Astronomical bodies and U.S. collegiate counties

   cargo ships

3. (30 points) The New Deal actually had two different alphabet dumplings abbreviated CCC. You'll earn five points per word, maximum of thirty, if you can expand these two acronyms.

   Civilian Conservation Corps and Commodity Credit Corporation

4. (30 points) A brief survey of the representation of Abraham in western religious art will show that nearly all depict one of three events in his life. For ten points each, answer the following questions about these three typological biblical illustrations.

   (a) (10 points) First, with which high priest did Abraham meet after the defeat of Lot's forces?

   Melchizedek

   (b) (10 points) Second, who visited Abraham to foretell that Sarah would bear a son?

three angels

(c) (10 points) Third, what act is always depicted a fraction of a second before contact?

sacrifice of his son Isaac

5. (25 points) Name the humanist from a given work, five points apiece.

(a) (5 points) *The Fable of Man*
Juan Luis Vives

(b) (5 points) *In Praise of Folly*
Desiderius Erasmus of Rotterdam

(c) (5 points) *Quintuplex Psalter*
Jacques Lefèvre d'Etaples

(d) (5 points) *The Supplication of Souls*
Sir Thomas More

(e) (5 points) *Enchiridion*
Desiderius Erasmus of Rotterdam

6. (30 points) You will construct for me a list of states such that the first letter of each is the same as the last letter of the previous. For instance, "Oregon, North Dakota" is okay, but "Ohio, Kentucky" is not. You'll receive five points for each state after the first (maximum of 30) in your list.

Accept any legal chain of up to seven states. One such possible is: Oregon, North Dakota, Arizona, Alabama, Alaska, Arkansas, South Dakota.

7. (30 points) I'll name five sites that have proven mysterious and enchanting for the archaeologists excavating them. For five points each, you tell me on which continent each is located.

(a) (5 points) First, Skara Brae
Europe

(b) (5 points) Boghazköy
Asia

(c) (5 points) Saqqara
Africa

(d) (5 points) Troy
Asia

(e) (5 points) Chichen Itza

(f) (5 points) Biskupin

Europe

8. (30 points) We all know that oceans are big, but, for five points each, maximum of 30, what are the six biggest bodies of water whose common English names do not contain the word "ocean"? You may list them in any order.

Mediterranean Sea, Caribbean Sea, South China Sea, Bering Sea, Gulf of Mexico and Okhotsk Sea

9. (25 points) The following five people show up at a party: John Major, Prince Charles, Prince Philip, Queen Elizabeth and Lord Mackay. You are a proper Scottish host and seat them according to Lord Lyon's Precedence list, the authoritative source. For five points for each in the right chair, what is the order from most important to least?

1. Queen Elizabeth; 2. Prince Philip; 3. Prince Charles; 4. Lord Mackay; 5. John Major.

10. (30 points) I'll give three common things which have lent their names to philosopical movements; you identify the movements for ten points apiece.

(a) (10 points) porch

stoicism

(b) (10 points) dog

cynicism

(c) (10 points) covered walkway

peripatetics OR Aristotelianism

11. (30 points) In December of 1993, astronauts fixed the Hubble Space Telescope's main camera, but in April of 1994 two new problems developed.

(a) (15 points) First, the CCD's at the top of the detector array are about 10% less sensitive than those at the bottom. For five points per word, what does CCD stand for?

charge coupled device

(b) (15 points) Second, spurious signals caused by radiation damage now appear to change over time, creating a need to measure the noise more frequently. For fifteen points, what name is given to this erratic phenomenon?

<u>dark current</u>

12. (30 points) Name the novel from its characters; 30-20-10.

    (a) (30) General Golz, Rafael, Kashkin

    (b) (20) El Sordo, Pablo, Anselmo

    (c) (10) Robert Jordan, Pilar. Maria

For Whom the Bell Tolls

13. (30 points) Given the following fragmentary titles of Nietzsche works, supply the missing word.

    (a) (10 points) *Toward a blank of Morals*
        <u>Geneaology</u>

    (b) (10 points) *Twilight of the* blank
        <u>Idols</u>

    (c) (10 points) blank, *All-Too-Human*
        <u>Human</u>

14. (25 points) If you think mythology questions are just so much bull, you are in luck, because this one is merely half-bull. Answer these questions about a famous incident from Greek mythology for five points apiece.

    (a) (5 points) First, which beast roamed the labyrinth of Minos?
        <u>Minotaur</u>

    (b) (5 points) Who killed the minotaur?
        <u>Theseus</u>

    (c) (5 points) What magical item did Theseus have that allowed him to avoid getting lost?
        a ball of <u>string</u>

    (d) (5 points) Who gave him the string?
        <u>Ariadne</u>, daughter of Minos

    (e) (5 points) From which city did Theseus hale?

15. (30 points) And now, everyone's favorite religious bonus: thirteenth century French heretics.

    (a) (10 points) First, which group created the concept of "Priesthood of all believers", denied sacraments from priests and were hereticized by the Lateran Council of 1215?
    Waldensians

    (b) (5 points) From whom did the Waldensians take their name?
    Peter Waldo

    (c) (10 points) Second, what group adopted an eastern Manicheism, believed all corporeal things to be evil and forbade all sex?
    Albigensians

    (d) (5 points) From which city did the Albigensians take their name?
    Albi

16. (30 points) I'll describe three Greek astronomers of note, you identify them for ten points apiece.

    (a) (10 points) He catalogued 850 celestial objects and assigned them to six orders of magnitude.
    Hipparchus

    (b) (10 points) He measured the circumference of the earth using simple geometry and solar observations.
    Eratosthenes

    (c) (10 points) He put forth the first arguments that the earth revolved around the sun and not vice-versa.
    Aristarchus

17. (30 points) How much do you know about 20th century Egyptian history? In 1952 a revolution ousted the last king and a new prime minister was installed. This prime minister–who had led the Free Officers–was ousted in 1954 and replaced with a more famous man. For ten points each, name the king and the first and second prime ministers of Egypt.

    King Faruk, Muhammad Naguib, Gamal Abdel Nasser

18. (25 points) Identify the following characters from Cooper's *The Last of the Mohicans*:

    (a) (5 points) The man in charge of defending Fort Henry.

Colonel <u>Munro</u>

(b) (5 points) His brunette daughter, the real heroine of the story.
<u>Cora Munro</u>

(c) (5 points) Heir to the title of chief of the Mohican tribe.
<u>Uncas</u>

(d) (5 points) The displaced and bloodthirsty Canadian Huron indian.
<u>Magua</u>

(e) (5 points) The psalm singer and comical, self-proclaimed missionary.
David <u>Gamut</u>

19. (25 points) I'll name five texts associated with religions; you identify the religion for five points apiece.

(a) (5 points) *Analects*
<u>Confucianism</u>

(b) (5 points) *Vedas*
<u>Hinduism</u>

(c) (5 points) *Ko ji ki and Nigonhi*
<u>Shinto</u>

(d) (5 points) *Avestas*
<u>Zoroastrianism</u>

(e) (5 points) *Dhammapuda*
<u>Buddhism</u>

20. (25 points) Behold the return of the ever popular orders of insects question. I'll give an order of insects, you tell me what kind of insects it contains for five points apiece.

(a) (5 points) Orthoptera
<u>crickets</u> and katydids

(b) (5 points) Coleoptera
<u>beetles</u>

(c) (5 points) Lepidoptera
<u>butterflies</u> and moths

(d) (5 points) Hymenoptera
<u>bees</u> OR <u>wasps</u> OR <u>hornets</u> OR <u>ants</u>

(e) (5 points) Odonata
<u>dragonflies</u>