

Terrapin Invitational Tournament 1994

Toss-ups by Princeton University (Jennifer Wadsack & Jeff Stewart)

1. In 1863 he entered Oxford University where he experienced a spiritual crisis and joined the Roman Catholic church. He became a Jesuit in 1868, stopped writing, and burned the manuscripts of the poems he had written to that time. In 1875 he was encouraged by his Jesuit superiors, to return to writing but remained almost unknown until 1918 when his works were first published. FTP, name this major Victorian poet who wrote in "sprung rhythm," the author of THE WRECK OF THE DEUTSCHLAND, and "The Windhoever."

ans: Gerard Manley HOPKINS

2. Willard Libby of the University of Chicago discovered it in 1947 and received the 1960 Nobel Prize in Chemistry for work with it. It is constantly being produced in the upper atmosphere, has a half-life of about 5,700 years, and is readily absorbed by plants--thus making it an ideal measure of the age of historic and recent prehistoric biological materials. FTP, name this isotope with 6 protons and 8 neutrons.

ans: CARBON-14 or RADIOCARBON

3. According to legend, the kingfisher built its nest upon the ocean and was able to calm the winds while its eggs were hatching. Accordingly, a seven letter word, the ancient Greek name for "kingfisher," has come to name the two-week period surrounding the winter solstice when the seas are said to be unnaturally calm. FTP, name this word that now means "tranquil, happy, or idyllic," especially when paired with the word, "days."

ans: HALCYON

4. This third party's candidates--including John St. John, John Bidwell, Stuart Hamblen, and the ironically named Silas C. Swallow--never garnered more than 2.25% of the vote in presidential elections, yet the party was instrumental in passing major legislation. FTP, name this party that disappeared with the 18th amendment to the constitution and reappeared with the 21st.

ans: PROHIBITIONIST

5. His book, CROSSING THE THRESHOLD OF HOPE, which is having an initial run of 20 million copies and is being published in 35 countries and 21 languages, will undoubtedly make him an instant bestseller. This widely-distributed print run is unusual--often this author's writings, including THE SPLENDOR OF TRUTH are passed out to only a select few. FTP, name this author, head of state, and wearer of the Fisherman's ring.

ANS: POPE JOHN PAUL II (accept equivalents)

6. Reckless was a U.S. marine sergeant and ammunition carrier during the Korean War who won a medal for bravery under fire; Xanthus predicted Achilles' death; Vic served under Custer at the Battle of Little Big Horn; and Incitatus was a priest and consul who only drank wine from a golden bowl. FTP, what type of animal were Reckless, Xanthus, Vic, and Incitatus?

ans: HORSE

7. Although he was not English, he remains one of Great Britain's foremost composers. His music mixes the flavor of English folk songs with that of Tudor church music, and his works include A LONDON SYMPHONY, SYMPHONIA ANTARCTICA, and the opera THE PILGRIM'S PROGRESS. FTP, name this Scot who composed music for

the coronation of Elizabeth II and who also wrote SIR JOHN IN LOVE and THE LARK ASCENDING.

ans: Ralph VAUGHAN WILLIAMS

8. Zenobia is in love with Hollingsworth, the egocentrist who wants to convert the title community into an experiment in prison reform. But Hollingsworth falls in love with Priscilla who, as it turns out, is Zenobia's half-sister. Zenobia takes her sister's success poorly and drowns herself. FTP, name this novel narrated by Miles Coverdale, which is based on the utopian community at Brook Farm and written by Nathaniel Hawthorne.

ans: The BLYTHESDALE ROMANCE

9. A learned Father of the Roman Catholic Church, he led a hermit's life in the desert of Chalchis near Antioch, was ordained a priest, then moved to Constantinople where he studied the scriptures intensely under Saint Gregory of Nazianzus. He moved briefly to Rome, but his harsh criticisms made him many enemies, and he was soon (by A.D. 386) forced to leave. He began a monastic life in distant Bethlehem where he began to revise the New Testament from the available Greek versions. FTP, name this Saint whose Latin translation of the Old Testament, the Vulgate, is still in use today.

ans: Saint JEROME

10. It translates from its Latin form as "a decree based on wise statecraft," and, along with the imperial rescript, was one of the two types of decrees that the Holy Roman Emperors were allowed to issue that had the force of law. FTP, identify this decree issued most memorably by the son-less Charles VI to pass his lands on to his daughter.

ans: PRAGMATIC SANCTION

11. Robert Welsh founded it in 1958 in order to, "promote...more responsibility, and a better world"; this includes, apparently, ending US membership in the UN. According to their BLUE BOOK, they, "...are fighting the Communists--NOBODY ELSE"; this definition of "Communist" includes, apparently, then Chief Justice Earl Warren whom they tried to have impeached. FTP, name this society named for a Baptist missionary and Air Force intelligence officer who was shot by Chinese Communists in 1945.

ans: JOHN BIRCH Society

12. It's sometimes called "The Forbidden City," because Europeans were banned from entering it until 1904. It is a closely-packed city of stone and brick that has, for the most part, flat roofs and few chimneys. Oiled paper is used instead of glass, in the windows, and at night the city glows with torches and vegetable oil lamps. Until 12,700 foot-high La Paz came along, it was, at 11,800 feet above sea level, the highest capital in the world. FTP, name this monastery- and temple-filled city, the former home of the Dalai Lama, and capital of Tibet.

ans: LHASA

13. A mystery novelist trained as an anthropologist, in such works as THIEF OF TIME and COYOTE WAITS he sets detectives Jim Chee and Joe Leaphorn of the Navajo Tribal Police Force out on the Reservation to solve crimes ranging from grave robbery to murder. FTP, name this writer.

ans: Tony HILLERMAN

14. Members of this religion believe that every living thing consists of an

eternal soul, or "jiva," and a temporary physical body in which the jiva is trapped. To free one's jiva, one must avoid all worldly activities by abstaining from sex and food, by entering buildings for only brief periods, and by eschewing property including, in extremely devout forms, clothing. The religion also advocates so strict a non-violence that agriculture is forbidden and practitioners sweep the paths in front of them to avoid crushing insects. FTP, name this Indian religion founded by Mahavira in the 500's B.C.

ans: JAINISM

15. If one turns the fifth postulate of Euclid on its head--namely, to postulate that all parallel lines INTERSECT, then you will have created a consistent, non-Euclidean geometry. If you were the first to do so, then you would either be Carl Gauss, who so concluded that geometry was no longer on the level of arithmetic or you would be the head of the University of Kazan, a mathematician, and dead. If the latter were true, problematic as that is, FTP, what would be your name?

ans: Nikolai LOBACHEVSKY

16. A two-time member of the All-America woman's basketball team, she also played baseball, billiards, and tennis, did some boxing, and competed in swimming events. She set world records in the 1932 Olympics in the 80m hurdles and the javelin throw but is best known for playing a less athletic sport: golf. In the 1940's she set a record by winning seventeen major golf tournaments in a row, and, in 1947, became the first US winner of the British Women's Amateur golf tournament. FTP, name this amazing athlete and wife of wrestler George Zaharias.

ans: Babe DIDRIKSON

17. Born in Helena, Montana with Frank and James as his first and middle names, he soon parlayed his common man background and looks into a roles as a courageous pioneer in THE VIRGINIAN and THE WESTERNER. His common man against society theme continued through starring roles in FRIENDLY PERSUASION, MEET JOHN DOE, and MR. DEEDS GOES TO TOWN. Unfortunately, his private life seemed to have gone counter to his screen presence as he left his wife for his co-star on THE FOUNTAINHEAD. FTP, name this actor, the winner of Best Actor Academy Awards for SERGEANT YORK and HIGH NOON.

ans: Gary COOPER

18. It belongs to the grass family, Gramineae, and its scientific name is Secale cereale. A valuable crop of Northern climates, its straw is used for roof thatching because it decays slowly. It is often attacked by the ergot fungus, which transforms the normally short, darkish grains into long, hornish, poisonous, black bodies. FTP, name this low-yield, yet soil-enriching, grain that is most commonly grown in Russia and Eastern Europe and is the basis for Holland gin and whiskey.

ans: RYE

19. Despite the effortless quality of his paintings, he was a painstaking craftsman who constantly reworked his canvasses--canvasses which influenced Courbet, Manet, and Picasso. His most famous works include a penetrating portrait of Pope Innocent X, the historical painting: THE SURRENDER OF BREDA (THE LANCES), and one of the few nudes in Spanish art, LAS MANINAS. FTP, give the more familiar name of Diego Rodrique, the court painter to Spain's King Phillip IV.

ans: Diego VELASQUEZ

20. Warning: two answers may be required. Thomas had a federal license to use the Hudson River between New York and New Jersey, but New York state had granted a monopoly over the same stretch of water to Aaron. Thomas sued Aaron, and eventually won, but not before the Supreme Court ruled that states did not have the power to regulate interstate commerce. FTP, give Thomas and Aaron's last names or the case named for them.

ans: GIBBONS AND OGDEN or GIBBONS V. OGDEN >

21. He has been credited with up to 1,800 full-length plays and over 400 short works. Unfortunately--for his fans, at least--scholars believe that he only wrote about 400; still, he remains the most prolific playwright of all time. FTP, name this most important playwright of Spain's Golden Age.

ans: LOPE DE VEGA

22. It comes in hemolytic, hepatocellular, and obstructive types, and the physiologic type is common in newborns. It is caused by the natural breakdown of hemoglobin into bilirubin--a biochemical that is normally removed by the liver and discharged in bile. So when liver function is impaired, as in hepatitis, the whites of the eyes and the skin begin to yellow. FTP, name this common tissue discoloration.

ans: JAUNDICE

23. Its waters are colored red by mud deposits, and its name comes from the Latin word for "red." It may be the same as the present-day Fiumicione River, but the geography is not definite. In ancient times, it formed part of the boundary between Cisalpine Gaul and Roman Italy, and crossing it has come to mean passing the point of no return. FTP, name this stream about whose crossing Julius Caesar said, "The die is cast."

ans: RUBICON

24. A military scholar from New York, he wrote and translated several books on war. In the Civil War, he first commanded the Union's Western department. In 1862, he became general in chief of all Union armies, a post he held until 1864 when he became chief of staff. Despite all of this, his name would still be obscure even to most ACFers were it not for the movie QUIZ SHOW. FTP, give this, the eleven point answer Ralph [pronounced "RAYF"] Fiennes gave as Charles Van Doren to defeat Herbie Stempel on 21.

ans: Henry W. HALLECK

25. Henry was a shoemaker and, later, Vice-President under Grant; Angus is a British author of DEATH DANCE and HEMLOCK AND AFTER; Charles Thompson Rees invented the cloud chamber; Sir Harold was British Labour Prime Minister from 1964-70; and Woodrow was a President of Princeton University (among other things). FTP, what last name is common between these people?

ans: WILSON

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Bonus Questions by Princeton University

1. FTP apiece, give the first names of these famous Jacksons.

1. A Canadian landscape painter and member of "The Group of Seven" who painted ALGOMA LAKE.

ans: ALEXANDER Jackson X

2. An author, she is most famous for the short story THE LOTTERY.

ans: SHIRLEY Jackson ✓

3. An important Indian rights activist, she wrote ROMONA (a novel that was made into a motion picture three times) and A CENTURY OF DISHONOR.

ans: HELEN Hunt Jackson ✓

2. Historically, there were seven liberal arts. For five points apiece, name any six.

ans: GRAMMAR ✓

LOGIC ✓

RHETORIC ✓

ARITHMETIC ✓

GEOMETRY ✓

ASTRONOMY ✓

HARMONY

3. FTP apiece, answer these questions about the biblical account of Esther.

1. Who was Esther's foster-father, a Jewish functionary in King Ahasuerus' court?

ans: MORDECAI ✓

2. Who was Ahasuerus' Grand Vizier before Mordecai, who lost his life on the gallows he had made for the Jew?

ANS: HAMAN ✓

3. What Jewish holiday now commemorates Esther's saving of the Jews?

ans: PURIM ✓

4. A genetics bonus. Name the following genetics researchers for the stated number of points.

1. For five points, what woman discovered "jumping genes" (now called transposons) in Maize, but was ignored for years?

ans: Barbara MCCLINTOCK ✓

2. For ten points, what Japanese researcher discovered that DNA is discontinuously replicated in the 3-prime to 5-prime direction by making short fragments that bear his name?

ans: OKAZAKI X

3. For fifteen points, what two researchers determined that the genetic material was surely DNA by radioactively labeling both proteins and DNA and then showing that only the DNA was necessary for genetic transfer?

ans: HERSHEY and CHASE X

5. For 15 points apiece, from the brief description, identify the following contemporaneous anthropologists.

1. Considered, by some, the most influential figure in American anthropology, this German-born American anthropologist studied both Eskimos and British Columbia Indians as well as promoted linguistic analysis and rigorous scientific method in his anthropological studies at Columbia University. Works include THE MIND OF PRIMITIVE MAN (1911).

ans: Franz BOAS ✓

2. This German-born American anthropologist also garnered fame for his studies of the American Indian languages and for his development of general linguistics as well. He taught at both the University of Chicago and Yale University, and works include LANGUAGE, AN INTRODUCTION TO THE STUDY OF SPEECH (1921).

ans: Edward SAPIR ✓

6. For ten points apiece, given a work, identify the Pulitzer-prizewinning playwright.

1. 'NIGHT, MOTHER ✓

ans: Marsha NORMAN ✓

2. BEYOND THE HORIZON ✓

ans: Eugene O'NEILL ✓

3. ALISON'S HOUSE ✓

ans: Susan GLASPELL

7. 30-20-10, given pairs of his works, identify the foreign film director.

30: SPIES and THE BIG HEAT

20: THE LAST WILL OF DR. MABUSE and HANGMEN ALSO DIE

10: MINISTRY OF FEAR and METROPOLIS

ans: Fritz LANG

8. Benzene is an important chemical. Answer these questions about benzene FTP apiece.

1. What is benzene's chemical formula?

ans: C₆H₆ ✓

2. Benzene is an aromatic compound, so it follows, by definition, the 2n+2 carbon rule. Whose rule is this?

ans: HÜKEL'S ✓

3. What is the common name of a benzene with an added OH group?

ans: PHENOL ✓

9. For ten points apiece, given a French author's original name, give his more famous nom de plume.

1. Jacques Thibault

ans: Anatole FRANCE ✓

2. Jean Baptists Poquelin

ans: MOLIÈRE ✓

3. Marie Henri Beyle

ans: STENDHAL ✓

10. For five points apiece, match the following title operatic characters to their professions. The title characters are: Rigoletto, Salome, Carmen, Tosca, Wozzeck [VOY chek], and Faust. The professions are: dancer, cigarette factory worker, famous singer, jester, philosopher, soldier.

ans: RIGOLETTO = JESTER ✓

SALOME = DANCER ✓

TOSCA = FAMOUS SINGER ✓

WOZZECK = SOLDIER ✓

FAUST = PHILOSOPHER ✓

CARMEN = CIGARETTE FACTORY WORKER ✓

11. Name these parts of a flower FTP apiece:

1. It's the collective name for the female reproductive organs of a flower.

ans: PISTIL

2. It's the star-shaped set of sepals that is just below the petals.

ans: CALYX

3. On top of the stamen lies these enlargements that consist of a group (usually four) pollen sacks.

ans: ANTHERS

12. 30-20-10, name the author from a list of clues.

30: He published his theories in A VISION, which remains a guide to some of his more difficult poems.

20: Maud Gonne was the subject of many of his plays and love lyrics.

10: Leader of the Irish Literary Revival and winner of the 1923 Nobel Prize in Literature, he established the Irish Literary Theatre which then became the Abbey Theatre.

ans: William Butler YEATS

13. On the T.V. series, CHEERS, Cliff Clavin won \$22,000.00 on Jeopardy! only to lose it all by answering Final Jeopardy with, "Who are three people who have never been in my kitchen." Cliffie won as much as he did because the categories were all up his alley. For five points apiece, what were the six categories Cliff cleaned up on?

ans: CIVIL SERVANTS

STAMPS FROM AROUND THE WORLD

MOTHERS AND SONS

BEER

BAR TRIVIA

CELIBACY

14. For ten points apiece, from a description, identify the modern philosopher.

1. This French philosopher, also a dramatist and critic, introduced Kierkegaard's writings to France. A convert to Catholicism, he became the leading French exponent of Christian existentialism. Works include BEING AND HAVING and HOMO VIATOR.

ans: Gabriel MARCEL

2. This Spanish-born American philosopher, also a poet, novelist, and critic, espoused philosophic skepticism and materialism as well as Platonic and Aristotelian-based systems and Greco-Roman ideals of beauty. Works include REALMS OF BEING and THE SENSE OF BEAUTY.

ans: George SANTAYANA

3. This German philosopher, a leading figure in modern existentialism, held language as the supreme key to the origin and manifestations of being with poetry, for him, the most privileged form of language. His essential inquiry concerns this nature of being, and works include ON THE WAY TO LANGUAGE and BEING AND TIME.

ans: Martin HEIDEGGER

15. Identify the state, 30-20-10.

30: In 1911, its legislature passed the first "blue-sky" laws which protected investors against the sale of worthless securities.

20: Alf Landon served two terms as its governor.

10: Cities include Pottawatomie Creek--the site of a John Brown raid, Newton, and Dodge City.

ans: KANSAS

16. FTP apiece, given a description, identify the term from ballet.

1. A pose in which one leg is extended behind the dancer with the knee straight and the foot pointed.

ans: ARABESQUE X

2. Ballet's parallel to cadenza or a coloratura aria, it is a series of dances not related to the plot designed solely to show off the dancers' technical skills.

ans: DIVERTISSEMENT X

3. The translation of "Sur les Pointes" [sur lay pwant].

ans: ON THE TOES (accept equivalents) ✓

17. Name the American politician, 30-20-10

30: He wrote under the names "Publicola," "Marcellus," and "Columbus."

20: After his term as President, he fought for free speech as a member of the House of Representatives.

10: As Secretary of State, he was largely responsible for the Monroe Doctrine.

ans: JOHN QUINCY ADAMS

18. For ten points apiece, DRAW the schematic representation of the following three electronic components. [note: in all of the responses, lines may continue out of either side of the drawing; do not count these as incorrect responses. Also, orientation is unimportant.]

1. An inductor. X

ans: [should look like a spring.]

2. A resistor. ✓

ans: [basically a line of touching, capital v's or the line on Charlie Brown's shirt.]

3. A simple diode. X

ans: [a filled-in triangle with a seesaw balancing on one point.]

19. FTP apiece, identify these things from modern Greek history:

1. The son of King Paul, this last monarch of Greece was forced to flee the country in 1967.

ans: CONSTANTINE II ✓

2. In 1947, this group of 16 islands was acquired by Greece under a treaty with Italy.

ans: The DODECANESE (Host: yes, despite their name, there are actually 16, not 12)

3. Under this president's Doctrine, The U.S. took over the British support of the anti-communist government.

ans: TRUMAN ✓

20. 30-20-10, name the author from pairs of his works.

30: THE WATER-METHOD MAN and THE 158-POUND MARRIAGE

20: THE HOTEL NEW HAMPSHIRE and THE CIDER HOUSE RULES

10: SETTING FREE THE BEARS and THE WORLD ACCORDING TO GARP

ans: John IRVING

21. Despite slavery and discrimination, Africa-American women have contributed heavily to our literary culture. For five points apiece and a bonus five for all correct, given the work, name its African-American author.

1. ANNIE ALLEN

ans: Gwendolen BROOKS

2. JUST GIVE ME A COOL DRINK OF WATER 'FORE I DIIIE

ans: Maya ANGELOU

3. BRONZEVILLE BOYS AND GIRLS

ans: Gwendolen BROOKS

4. POSSESSING THE SECRET OF JOY

ans: Alice WALKER

5. TYRANNY OF THE MAJORITY

ans: Lonnie GUINEIRE

22. FTP apiece, name the following from American History.

1. It was an amendment to the appropriations bill that Polk needed to buy land from Mexico. It disallowed slavery in any purchased lands, and the Senate refused to pass it.

ans: WILMOT PROVISIO

2. He was the only President from New Hampshire.

ans: Franklin PIERCE

3. It was the south's name for the battle of Shiloh.

ans: PITTSBURGH LANDING

23. For five points apiece, given the Australian state, give its capital:

1. Queensland

ans: BRISBANE

2. New South Wales

ans: SYDNEY

3. Victoria

ans: MELBOURNE

4. South Australia

ans: ADELAIDE

5. Western Australia

ans: PERTH

6. Tasmania

ans: HOBART

24. FTP apiece, identify the following moons:

1. Its name comes from the Greek for "fear"

ans: DEMOS

2. This Jovian moon, the smoothest moon in the solar system, closely resembles a cue ball that is covered with minute cracks.

ans: EUROPA

3. This moon is the only large satellite to travel in an east-to-west direction.

ans: TRITON

26. When I was at BYU, I wrote part of a College Bowl try-out test. See how you fare on the hardest part of the science section. For five points apiece and a bonus five for all correct:

1. Ferromagnetic materials lose their magnetism when heated to a certain point. What is that temperature called?

ans: CURIE point

2. What's the most volcanically active object in the solar system?

ans: IO

3. Chlorophyll contains only carbon, oxygen, hydrogen, nitrogen, and what metal?

ans: MAGNESIUM

4. Only one American has won two Nobel Prizes in the same category. Who is he?

ans: John BARDEEN

5. Organic magnesium halides are whose reagents?

ans: GRIGNARD