Harmonic Convergence Bowl, UC Berkeley; Nov 12, 1994
U. of Southern California Question Packet

Questions by Vasu
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Toss-Ups

Q1. He served as an artist correspondent in Garibaldi's campaign and also as a draftsman for Harper's Weekly. He achieved fame, however, for his political cartoons. FTP, name this creator of donkey, elephant and tiger as symbols for Democrats, Republicans and the Tammany Hall.

Ans: Thomas NAST

Q2. She suffered mental breakdowns through out her life, and drownedherself in 1941 because she feared another unrecoverable breakdown. Her literary works include "The Waves", "The Years", "A Haunted House", and "To The Light House". FTP, identify this popular member of the Bloomsbury group.

Ans: Virginia WOOLF

Q3. The majority of the stars lie in the main sequence. White dwarfs lie in the lower left corner. Red giants form a thick horizontal band. FTP, name this diagram on which you will find all of the above, a diagram used in astronomy and one that shows luminosity of a star as a function of its surface temperature.

Ans: HERTZSPRUNG-RUSSEL Diagram

Q4. The first meeting was held in the White Mountains of New Hampshire. 44 countries attended but not the USSR which was invited but did not attend. FTP, name this conference that led to the establishment of International Monetary Fund.

Ans: BRETON WOODS Conference

Q5. It was called Jugendstil in Germany, Sezessionstil in Austria and Modernismo in Spain. It was most successfully practiced in the decorative arts. It began in the late 19th Century in Western Europe and did not survive the first world war. FTP, name this decorative art movement.

Ans: ART NOUVEAU

Q6. Drastic cuts in marginal tax rates stimulate investment in new capital and hence overall economic improvement. So contend its proponents, the majority of whom are conservative Republicans. FTP, name this macroeconomic theory that is in sharp contrast to Keynesian economics.

Ans: SUPPLY SIDE ECONOMICS

Q7. Harlow Shapley was the first to discover their period - luminosity relation by studying the Magellanic clouds. All of these that have the same period have nearly the intrinsic brightness. FTP, identify these variable stars that brighten and dim in an extremely regular pattern and which were used by Shapley in determining the size and shape of the Milky Way.

Ans: CEPHEID VARIABLES

Q8. It lasted from 250 million to 290 million years ago. The Appalachians were formed then, and so was the supercontinent Pangaea. FTP, name this geological period, and the last of the Paleozoic Era.

Ans: PERMIAN period.

Q9. Islam makes no distinction between religion and life, and Islamic law covers all aspects of life. The codification of this law has its roots in Hadith, Ijma, Qiyas, and Ijtihad. FTP, what is this all encompassing Islamic law called?

Ans: SHARIA

Q10. South Africa and Swaziland are on the south, Zimbabwe, Zambia, and Malawi are on the west, and Tanzania is on the north. In recent years, this country has been torn between struggles of Frelimo and Renamo factions, and was further devastated by a terrible drought in 1992. FTP, name this country with its capital at Maputo.

Ans: MOZAMBIQUE

Q11. He was created by Goscinny and Uderzo and lived near the Roman garrisons of Totorum and Aquarum. His chief was Vital Statistix and his village druid was Getafix whose magic potions he loved. FTP, identify this comic strip character and best friend of Obelix.

Ans: ASTERIX

Q12. It has been called the McDonald's of Zen. It may be that it is more a mass psychological religion than a therapy. What ever it is, large groups of people gather for a long time and undergo physical stress and meditation to get in touch with one's inner sense. FTP, name this form of psychotherapy, named after its founder Werner Erhard.

Ans: ERHARD SEMINAR TRAINING or EST

Q13. He was one of the first to give the most comprehensive definition of the definite integral. The function named after him describes the distribution of prime numbers. FTP, name this German mathematician who laid the foundations of a non-Euclidean geometry and thus created the tools for Einstein's general theory of relativity.

Ans: Bernhard RIEMANN

Q14. High school football does not always guarantee success in life as proven by this player who scored 4 touchdowns in a single game for Polk High, but whose marriage to Ms. Wanker meant life as a perennial loser. FTP, identify this shoe-salesman.

Ans: Al BUNDY

Q15. Salman Rushdie is ofcourse famous for Satanic Verses and the subsequent death "fatwa". He is not alone however, and recently this Bangladesh woman writer of the book "Lazza" joined his company, a book in which she reportedly questioned Koran, and subsequently had to fly from the country. FTP, identify this woman.

Ans: Taslima NAZREEN

Q16. Pentimento. An Unfinished Woman. Scoundrel Time. The Children's Hour. The Little Foxes. If you haven't buzzed in by now, these are all the works of, FTP, which New Orleans playwright and Long-time lover of Dashiel Hammett.

Ans: Lillian HELLMAN

Q17. While the name Brentwood may forever be associated with OJ Simpson, it will soon have a loftier and more cultural connotation with the construction of an edifice by architect Richard Meier. Costing a stupendous $733 million, it is being called more important than the Louvre and the Natonal Gallery. FTP, identify this Los Angeles museum in the plans named after a famous oil magnate.

Ans: J.Paul GETTY museum or center

Q18. The noted Harvard economist Jeffrey Sachs called him the worst central banker in the world. He may have done more to undermine Russian public confidence in their currency than any one. FTP, identify this Russian Central Bank chairman who was forced to quit recently.

Ans: Victor GERASHCHENKO

Q19. It was first organized by Sung Chiao-Jen under the leadership of Sun Yat-Sen. Chiang Kai-Shek was its leader in later years, under whose leadership it fought the communists. FTP, identify this party, which has governed Taiwan since 1949.

Ans: KUO-MIN-TANG

Q20. He was the youngest member of Clinton's Cabinet, and was also the first African American to serve at his position. FTP, identify this agriculture secretary who was forced to resign recently.

Ans: Mike ESPY

Q21. He threw himself into the Rhine and died later in a mental asylum. His works include "Papillons" and "Scenes of Child Hood". FTP, name this German composer, pianist and critic and husband of Clara Wieck.

Ans: ROBERT SCHUMANN

Q22. Originally called Radomyslsky, this Soviet communist leader was one of Lenin's closest colloborators. On Lenin's death, he formed a ruling triumvirate with Stalin and Kamenev and attacked Trotsky. But in a backstabbing move Stalin turned against him, and in 1935 he was imprisonedon the charges of Kirov's assasination. FTP, identify this leader, who along with Kamenev was executed in 1936.

Ans: Grigori ZINOVIEV

Q23. He wrote his best known work while living in a cork-lined room and working at night. He was born to rich French parents but after their deaths, lived a withdrawn life. FTP, identify this author whose "Swann's Way", and "Within a Budding Grove" were part of his cyclic novel "A Remembrance of Things Past".

Ans: Marcel PROUST

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USC BONUSES

Q1. While a variety of ratings are spewed out every year of the best colleges in the USA, some of them are more respected than others. One of the more respected ranking lists is the list of top 20 business schools by Business Week. FTP each, identify the schools on their most recent list released just a few weeks ago.

(a) Cited by employers as having the most innovative curriculum, this school has the coveted overall #1 rank.
        Ans: Wharton (accept UPenn)

(b) Though ranked at #5, the grads of this school earned the highest pay packages of any, at a staggering $102,630 median.
        Ans: Harvard

(c) Ranked at #1 in the previous ranking list, this school slipped a notch to #2 despite being rated by recruiters as having grads with best interpersonal skills and team work.
        Ans: Kellogg (accept Northwestern)

Q2. Identify the Nobel prize winning physicists, FTP each:

(a) This provost of MIT and current UC-Berkeley professor emeritus shared the 1964 prize with N.G.Basov and A.M. Prochorov for his work on the MASER.
        Ans: Charles H. TOWNES

(b) This 1963 winner also received the Atoms for Peace award in 1960. He was born in Hungary, worked on the Manhattan project, and was a professor at Princeton until 1971. His "crystal" is a hot topic in condensed-matter physics currently.
        Ans: Eugene Paul WIGNER

(c) This 1958 winner shared the prize with fellow Soviets I.M.Frank and I.V.Tamm for his discovery of radiation named after him. His research was responsible for forays into high energy physics and cosmic rays, as well as a nifty blue glow.
        Ans: Pavel A. CHERENKOV

Q3. Time for the master sleuth Sherlock Holmes! First FTP, while "A Study in Scarlet" is Holmes' first adventure to be published, what is chronologically his first professional case?
        Ans: The Adventure of GLORIA SCOTT

(b) The second of his long stories, this is also the case in which Watson meets his wife, Mary Morstan. We are also introduced to the arrogant inspector Athelney Jones, the eccentric Thaddeus Sholto, and the famous Agra treasure. FTP, name it.
        Ans: THE SIGN OF FOUR

(c) This story may be considered one of the few failures of Holmes, although he does bring the culprits to the Justice. It is also the case in which Holmes comes face to face with the KKK. FTP, name this case.
        Ans: The Adventure of the FIVE ORANGE PIPS

Q4. John is perhaps one of the most common names in the world today, and it is no surprise that there are many famous Johns in history. Given a famous John, give his sobriquet, FTP each.

(a) John II was the king of Portugal from 1481-1495, made peace with Spain and sponsored colonial expeditions including that of Bartholomew Dias.
       Ans: John The Perfect

(b) John II was the Byzantine emperor from 1118-1143, waged successful battles against Magyars, Serbs, and Sicilians but yielded privilege to Venice.
       Ans: John The Comnenus

(c) John I was Portuguese king from 1385-1433, was the father of Henry the navigator, and concluded alliance with England.
       Ans: John The Great

Q5. Identify the country, 30-20-10.

(a) The longest river in the country is Waikato and the largest lake is Taupo.
(b) Among its possessions are Stewart islands and Chatham islands
(c) The country is mainly divided into North and South islands

    Ans: New Zealand

Q6. The inns of court is the collective name of 4 private societies in England that prepare students for law practice and confer the rank of barrister. They can trace their beginnings to the 14th century, and derive their names from the buildings that housed the original law schools.
Can you name 3 of the 4 societies FTP each, and for a maximum of 30 points.

     Ans: Lincoln's Inn, Gray's Inn, Inner Temple, Middle Temple

Q7. Identify these Pulitzer prize winners, FTP each.

(a) 1960, Advise and Consent   Ans: Allen DRURY
(b) 1979, Now and Then   Ans: Robert Penn WARREN
(c) 1982, A Soldier's Play   Ans: Charles FULLER

Q8. Do you remember your calculus well? We'll find out soon. FTP each, give the values of the following:

Sin(y)/y for y approaching 0	Ans: 1
d(tan y)/dy (read "D tan Y D Y") for y = 45 degrees	Ans: 2
integral of cosine squared y from 0 to 2 pi	Ans: pi

Q9. Identify these religious groups/sects over the course of history, FTP each.

(a) This Christian movement started in N.Italy and spread into Germany, Bohemia and Poland. In Italy it was led by Venturino Bergamo. Members of this group believed in public self-flogging to avoid wrath of god.
        Ans: Flagellants

(b) This religious group was centered in S.France in the 12th and 13 th centuries. They denied the birth and resurrection of Jesus, and believed in the existence of two creators. Pope Innocent III called for a crusade against them.
        Ans: Albigenses or Albigensian

(c) This 5 th century Christian movement held that Jesus had distinct divine and human personalities. It was condemned at the council of Ephesus in 431 A.D.
        Ans: Nestorianism

Q10.Identify these art terms, FTP each.

(a) Name given in art to the depiction of virgin Mary holding the dead Christ.
        Ans: Pieta

(b) Italian art movement of 1910 that stressed motion and sought to glorify the age of the machine.
        Ans: Futurism

(c) An unglazed clay usually in reddish-brown tones. Used since ancient times in sculpture and pottery making.
        Ans: Terra-Cotta

Q11. Identify these treaties, FTP each.

(a) This 1929 agreement between the Pope and Italy settled the Roman Question, and provided for the creation of Vatican as an independent state
        Ans: LATERAN treaty

(b) the treaty that ended the Crimean war
        Ans: Treaty of PARIS

(c) USA-Japan treaty of 1853 that resulted in Japan opening its ports of Shimoda and Hakodate to the US trade

        Ans: KANAGAWA treaty

Q12. Identify the following medical/biological terms, FTP each.

(a) Rhythmic, wave like contractions of the outer walls of the digestive tract to push food along its digestive path.
        Ans: Peristalsis

(b) Occurring chiefly in children following an acute viral infection, this poorly understood syndrome affects brain functions and causes fatty infiltration of internal organs, esp. the liver.
        Ans: Reye's Syndrome   **[more...]**

(c) Name of the vascular tissue in a plant that conducts water from the roots.
   Ans: Xylem (ZYE-lem)

Q13. Identify these British woman authors, FTP each.

(a) In "Mary Barton" she described the appalling conditions of England of the Industrial Revolution. Her other works include the controversial "Life of Charlotte Bronte", "North and South", and "Cranford".
   Ans: Elizabeth GASKELL

(b) Her long liaison with G.H.Lewis shocked the prudish values of the Victorian England. Among her works are "Scenes of Clerical Life", "Felix Holt", "Middle March", and of course "Mill on the Floss".
   Ans: GEORGE ELIOT (accept Mary Ann Evans)

(c) Her unconventional novels of the Edwardian gentry reveal a frightful world of hypocrisy and cruelty. Among her works are "Brother and Sister", "A House and its Head", "Mother and Son", and "The Last and the First".
   Ans: Dame Ivy COMPTON-BURNETT

Q14. When oceanic plates bend downwards into the earth while moving into another plate, according to tectonic theory a large scaled narrow region is formed in the earth's crust. This type of region is marked by deep ocean trenches upto 6 miles deep as compared to the ocean's overall depth of 2 to 4 miles. For 15 points, what is the name given to this type of region?
   Ans: Subduction Zone

(b) In the subduction zone, a pattern of shallow and deeply focused earthquakes occur along the same angle as the descending plate. This zone is steeply inclined towards the continent behind the trench and is named after a U.S. Seismologist. For 15 points, name this zone.
   Ans: BENIOFF zone (named for Hugo Benioff)

Q15. Presumably you all have been keeping abreast of the Haiti crisis, so I won't ask you an easy question like naming Raoul Cedras. Instead, give the name of Cedras' top two aides, the first his police chief, and the second his chief of staff.

   Ans:Lt.Col. Michel-Joseph FRANCOIS
        Brig.Gen. Philippe BIAMBY

Q21. Many gods in Greek and Roman mythologies have common portfolios, and if I gave you a god's name in one, you could name the corresponding god in the other. For example, if I said Hermes you would say Mercury. But can you name the Greek god/goddess if I give you the Hindu god or goddess, FTP each?

Saraswati	Ans: Athena
Samudra	Ans: Poseidon
Kama	Ans: Eros

Q17. Identify the psychologists, FTP each.

(a) This American psychologist founded a foundation in Topeka, KS along with his brother William Claire. The foundation became a mental hospital and also the largest psychiatric school in the country.
    Ans: Karl MENNINGER

(b) Considered by some to be the founder of modern psychology, he was the leader of school of structuralism which was a fore-runner of functionalism and behaviorism in the USA and Gestalt in Germany.
    Ans: Wilhelm WUNDT (VOONT)

(c) This Swiss psychologist was noted for work in child psychology and developed the theory of Cognitive Development.
    Ans: Jean PIAGET (pee-ah-ZHAY)

Q18. Given a ruler of England, give the name of the royal house to which he belonged, FTP each.

(a) Edward V   Ans: York
(b) George III   Ans: Hanover
(c) Edward VIII   Ans: Windsor

Q19. Identify this American novelist from the works, 30-20-10

(a) The Dream Life of Balso Snell
(b) A Cool Million
(c) Miss Lonelyhearts
    Ans: Nathaniel WEST

Q20. While America has had some distinguished vice-presidents, she has also had a few otherwise-forgettable ones. Let's put your knowledge to test in this category. Given a vice-president, identify the president under whom he served for 10 points. You will get 5 points if you also need the years during which he served. You will get a maximum of 2 guesses per part.

(a)   (i) Schuyler Colfax
         (ii) 1869-1873
         Ans: Ulysses GRANT

(b)   (i) Daniel Tompkins
         (ii) 1817-1825
         Ans: James MONROE

(c)   (i) Levi Morton
         (ii) 1889-1893
         Ans: Benjamin HARRISON

Q21. Identify the composer from the works, 30-20-10.

(a) The SIlken Ladder
(b) The Barber of Seville
(c) William Tell

    Ans: ROSSINI