

1998 Harvard T-Party

Playoffs Round 2: Questions by Subash Maddipoti

TOSSUP 1

It "stood by itself against its hills, holding darkness within. It had stood so for 80 years, and might stand for 80 more." Built by Hugh Crain in the 1870s, it is said to have caused the deaths of his three wives, and finally kills confused young Eleanor Vance when Dr. John Montague brings her in to investigate. FTP, name this site of a famous "Haunting" in a 1959 Shirley Jackson novel.

ANSWER: _HILL HOUSE_

TOSSUP 2

His lifelong interest in ichthyology (ick-thee-OLL-o-gee) began with his study of an extensive collection of Brazilian fishes, which he classified in his publication _Selected Genus and Species of Fish_. Throughout his life he rejected Darwinism, claiming that each species was a "thought of God." In 1836 he began studies into the movements and effects of the glaciers in his native Switzerland. FTP, identify this naturalist, whose surname is a homophone of a tennis player's.

Answer: (Jean) Louis _AGASSIZ_

TOSSUP 3

He secretly and illegally married Maria Fitzherbert, and his state marriage with his cousin Caroline, his aunt Augusta's daughter, led to one child, Princess Charlotte. He charmed Scotland by wearing the Stuart tartans of his ancestors. He used the Regency Act to become regent of England following his father's madness. FTP, name this British king of the Hanoverian line.

Answer: _GEORGE the FOURTH_

TOSSUP 4

It was first coined in 1871's _Primitive Culture_, in which Sir Edward Burnett Tylor claimed that religion began with it. In _The Threshold of Religion_, British anthropologist R.R. Marett likened this belief to the Melanesian concept of "mana" or communicable energy. It was central to the spiritual doctrine of the Germanic peoples, and is best evidenced in the teachings of Jainism. FTP, what is this belief that attributes a soul or spirit to every living thing and inanimate object?

Answer: _ANIMISM_

TOSSUP 5

At one point in this story, the narrator says, "All fools are poets, this the Prefect feels, and he is merely guilty in thence inferring that all poets are fools." It opens with that very Prefect of the Parisian Police seeking the narrator. The Prefect details the possible blackmail of a royal lady by a poet, Cabinet Minister D. Thus, the law turns to C. Auguste Dupin (doo-PAAH), who succeeds in solving the case. FTP, in what Edgar Allan Poe story is the title object hidden in a card-rack?

Answer: The _PURLOINED LETTER_

TOSSUP 6

This term applies to an immune state that revolves around the presence of reagin antibody. The "b" subunits of Complements 3 and 5 can cause it if they are not inactivated or eliminated from the bloodstream. Its name is taken from the Greek for "against protection." When I-sub-G-E antibodies bind to mast cells and cause them to degranulate, often giving rise to swelling, inflammation, and nasal congestion, FTP, what condition has arisen?

Answer: _ANAPHYLAXIS_ or _ANYPHYLACTIC SHOCK_ (prompt on early buzzes of "allergy" or "hypersensitivity")

TOSSUP 7

He matriculated at Dickinson College at 16, and was expelled after his first term due to excessive drinking and smoking, though he later returned and graduated with honors. He became leader of the Jacksonian Democrats in Pennsylvania, and went on to serve as Jackson's minister to Russia, before arranging the Oregon Treaty of 1846 and the Treaty of Guadalupe Hidalgo as Polk's secretary of state. FTP, who was this man who defeated Millard Fillmore and John Fremont in 1856?

Answer: James _BUCHANAN_

TOSSUP 8

The "Tempered Elan" (ay-LAWH) and "Dominant Curve" are characteristic of the pictographic art of the latter part of this man's career. He first gained fame with an untitled work of 1910 commonly referred to as "First Abstract Watercolor." The period from 1912 to 1914 was his most productive, as he produced such works as "Black Lines" and "Autumn." FTP, identify this artist and author of *On the Spiritual in Art* who, along with Franz Marc, founded Der Blaue Reiter.

Answer: Wassily _KANDINSKY_

TOSSUP 9

It was developed around 1858 by H.C.A. Harrison with 18-player teams. The oval field has a greatest width between one hundred ten and one hundred fifty-five meters and a greatest length between one hundred thirty-five and one hundred eighty-five meters. Three players on a team move freely; the others guard zones or opponents. The oval ball can only be kicked or punched. FTP, what is this sport, termed a mixture of soccer, rugby, and Gaelic football, which includes such teams as the Richmond Tigers and Melbourne Demons?

Answer: _AUSTRALIAN RULES FOOTBALL_

Accept: _AUSSIE RULES FOOTBALL_

TOSSUP 10

Book 3 opens with the author singing an invocation to Bacchus, and Book 1 with paeans and prayers to Jove, Ceres, Liber, the Dryads, and Fauns. The fourth and final book of this poem concludes with a narration of the mystic background of beekeeping. Planting, caring for orchards and vineyards, and stock management are all discussed in, FTP, what technical and philosophical farming manual completed circa 30 B.C.E. by Virgil?

Answer: The _GEORGICS_

TOSSUP 11

The Fabry-Perot (FAB-ree purr-OWE) version of this instrument consists of two highly reflective parallel plates known as an etalon, and can be used to reveal hyperfine structures in line spectra. It is most easily constructed for use at radio wavelengths where phase errors are relatively small, an example being the Very Large Array in New Mexico. FTP, name this type of instrument which combines light constructively and destructively to achieve very high resolution.

Answer: _INTERFEROMETER_

TOSSUP 12

Conquered by German invaders in the tenth century, it became part of the Three Bishoprics territory for over five hundred years before being captured by the Prussians in 1792. It was the site of a Gallic fortress before Roman times, and it was there in 843 that three grandsons of Charlemagne divided his empire in a treaty named for the place. However, it is best known as the

site of, FTP, what battle that took place there from February to July of 1916 and was the bloodiest battle of World War I?

Answer: _VERDUN_

TOSSUP 13

Shulwerk is a manual describing his method of conducting. Some of his works include the Easter cantata, _Comoedia de Christi Resurrectione_, and the trilogy of "music dramas" - _Antigona_, _Oedipus der Tyrann_, and _Prometheus_. This German composed _Songs of Catullus_ and _The Triumph of Aphrodite_, which form another trilogy with his great secular oratorio based on a manuscript of medieval poems, _Carmina Burana_. FTP, name him.

Answer: Carl _ORFF_

TOSSUP 14

In addition to the primary and official language, Newari, 11 others are also spoken in this country. Primary rivers include the Gandak and the Karnali, which run southward through the transverse valleys of the country's mountain region. Political parties have been banned since 1960, and the country's legislative body is the National Panchayat, which oversees its famous Gurkha infantrymen. FTP, what Asian nation has its capital at Kathmandu?

Answer: Kingdom of _NEPAL_ or _NEPAL_ Adhirajya

TOSSUP 15

Unable to find work with his Ph.D. from Yale and degree from Carleton, he returned to his father's farm in Minnesota. He felt that survivors of the industrial system were diligent and efficient, having endured a predatory barbarian past. His book, _The Instinct of Workmanship and the State of the Industrial Arts_, detailed this Darwinian approach to modern economics. FTP, who was this author of _The Theory of Business Enterprise_ and _The Theory of the Leisure Class_?

Answer: Thorstein (Bunde) _VEBLen_

TOSSUP 16

Outstanding entertainers in this field have included Severus Scheffer and Paul Cinquevalli, though the greatest was probably Enrico Rastelli. It predates the medieval period, according to ancient Egyptian, Greek, and Roman

sculpture. Rudy Horn is famous for employing it in his unicycle act, and Russian bears are trained to do it with their feet lying in a small cradle. FTP, what activity which takes its name from the Latin for "to jest" is often performed blindfolded with torches or knives?

Answer: _JUGGLING_

TOSSUP 17

In the story, "Good Country People," she tells the story of Joy Hopewell, her mother, and their neighbor, Mrs. Freeman. Other works include _The Habit of Being_, and she introduced the character of Hazel Motes in the book _Wise Blood_. Tragically, systemic lupus cut her life short, but, FTP, what Southern author will be remembered for the collections _A Good Man is Hard to Find and Others_ and _Everything That Rises Must Converge_?

Answer: Flannery _O'CONNOR_

TOSSUP 18

His work _Lectures on Mathematical Physics_ detailed his numerous discoveries and advances, including his explanation of the Fraunhofer lines and the co-discovery of spectrum analysis. He also expanded on Georg Ohm's work, showing that signals propagate through a conductor at the speed of light. FTP, who was this co-discoverer of cesium and rubidium whose namesake laws allow calculation of the currents, voltages, and resistances of electrical networks?

Answer: Gustav Robert _KIRCHHOFF_

TOSSUP 19

Historians argue over whether he was black, American Indian, or both, but they do know that he spent much of his twenty years of freedom on a whaling ship. The first known reference to him is in an advertisement in the Framingham, Massachusetts newspaper asking for the return of a runaway slave in 1750. On the evening of March 5, 1770, he led a group of sailors from Dock Square to the British garrison in King Street. FTP, who was this first casualty of the Boston Massacre?

Answer: Crispus _ATTUCKS_

TOSSUP 20

While in Vienna, he had studied under the ex-priest Franz Brentano until David Hilbert called him to lecture at the University of Gottingen, the source

of his philosophical movement. In his lectures on "First Philosophy" he said that his movement, with its method of reduction, was the way to realizing the ethical autonomy of man. FTP, name the man whose "Logical Investigations" used a method of analysis that he termed "phenomenological."

Answer: Edmund _HUSSELR_

TOSSUP 21

It originated in two companies, Kwaishinsha and Jitsuyo Jidosha Company, which merged in 1925, with new investors giving the company its present-day name in 1933. Currently it designs and manufactures communications satellites and pleasure boats in addition to its primary product. During World War II, Allied forces seized its main plants, forcing the Japanese to do without military vehicles and trucks. FTP, what is this company that still sells automobiles under the name of Datsun?

Answer: _NISSAN_ Jidosha KK

TOSSUP 22

This denomination's first missionary was William Carey, who organized its society in England. It emerged as two groups -- the General ones and the Particular ones -- in 17th century England, and in America, its church was first established by Roger Williams in Providence. FTP, what is this group of Protestants which believes that a certain sacrament should be performed by immersion and only for believers?

Answer: _BAPTIST_s (accept equivalent forms of the word)
Do not accept: SOUTHERN BAPTISTS or ANABAPTISTS

TOSSUP 23

The band originally came together because its lead singer could not find employment after graduating from the UCLA Film School. They were successful locally, but were permanently banned from the Whiskey-A-Go-Go club in Los Angeles because of a vulgar section in one of their songs. John Densmore, Robby Krieger, and Ray Manzarek were all members of, FTP, what group whose first number-one single was "Light My Fire"?

Answer: The _DOORS_

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BONUSES

BONUS 1

Answer the following questions about Kenyan independence FTPE.

a) This man was the first president of the republic of Kenya formed in 1964.

Answer: Jomo _KENYATTA_

b) Upon Kenyatta's death, this man succeeded him as acting president in 1978.

Answer: Daniel arap _MOI_

c) This rebellion of the 1950's was the first major move for independence. It was primarily started by members of the Kikuyu tribe and directed against the presence of Europeans in Kenya.

Answer: _MAU MAU_ Rebellion

BONUS 2

Identify the author from works, 30-20-10.

30: _Farther of From Heaven_, _My Son is a Splendid Driver_

20: _The Dark at the Top of the Stairs_, _Splendor in the Grass_

10: _Come Back, Little Sheba_, _Picnic_, _Bus Stop_

Answer: William _INGE_

BONUS 3

Identify the following parts of plants FTP each.

a) This is the name given to swollen regions of stems that store food for subsequent growth. Irish potatoes are an example.

Answer: _TUBER_

b) This plant structure consists of four pollen-containing chambers that are fused into an anther.

Answer: _STAMEN_

c) This is the name given to the main stalk of an inflorescence, or closely grouped bunch of flowers.

Answer: _PEDUNCLE_

BONUS 4 (Popular Culture)

Fast Times At Ridgemont High had an unforgettable cast. Identify the following members from the cast FTP each.

a) This actor played the somewhat "mentally-challenged" character of Spiccoli (spa-COE-lee).

Answer: Sean _PENN_

b) FTP each, These two actors only had two scenes in the movie, both as the sidekicks of Judge Reinhold's character.

Answer: Eric _STOLTZ_ and Nicolas _CAGE_ (or Nicolas _COPPOLA_)

BONUS 5

Identify the following members of a famous Massachusetts family, none of whom is John or John Quincy, FTP each.

a) This son of John Quincy Adams was the American minister to London responsible for keeping the British neutral during the U.S. Civil War.

Answer: _CHARLES_ Francis Adams

b) This son of Charles Francis is best known for his history of the Jeffersonian and Madison eras and for a book about his edification.

Answer: _HENRY_ (Brooks) Adams

c) This historian son of Charles and brother of Henry wrote _Law of Civilization and Decay_ and _America's Economic Supremacy_.

Answer: _BROOKS_ Adams

BONUS 6

Between Judeo-Christian Scriptures and the Koran, there are six distinct archangels of legend. Name them F5P each. Hint: One of them shares his name with Gargamel's cat.

Answers:

AZRAEL (angel of death)

GABRIEL (the herald)

ISRAFEL (sounds the trumpet of resurrection) (do not accept "ISRAEL")

MICHAEL (the warrior)

RAPHAEL (the healer)

URIEL (the bringer of light)

Note: Michael and Gabriel are common to all the texts

BONUS 7

Identify the novels from lesser-known characters F15P each, or better known ones FTP.

a. 15: Samuel Hamilton, Rabbit Holman

10: Cal, Aron, and Adam Trask

Answer: _EAST OF EDEN_

b. 15: Claudia, Frieda, China, Poland, Maginot Lane

10: Cholly and Pecola Breedlove

Answer: The _BLUEST EYE_

BONUS 8

The four events of tennis's Grand Slam are: the Australian Open, French Open, Wimbledon, and the US Open. Given a tennis player, identify the one of the four he has not won, or identify him as having won them all. You'll get five points for each correct answer and a ten point bonus for all correct.

a) Ivan Lendl: _WIMBLEDON_

b) Rod Laver: WON THEM _ALL_

d) Andre Agassi: _FRENCH_ Open

e) John McEnroe: _FRENCH_ Open

BONUS 9

Given a description identify the chemical law FTP each.

a) The solubility of a gas in a liquid is proportional to the pressure of the gas above the liquid.

Answer: HENRY'S Law

b) When a gas is made up of a mixture of different gases, the pressure of the mixture is equal to the sum of the partial pressures of the components.

Answer: DALTON'S Law of Partial Pressures

c) The molar heat capacity of any metal is about 6 calories per degree Celsius.

Answer: Law of DULONG AND PETIT (pay-TEE)

Accept: Law of CONSTANT ATOMIC HEAT

BONUS 10

Answer the following questions about stocks or mutual funds recently in the news FTP each.

a) With a ticker symbol of A-F-L, this company recently started selling cancer insurance in Japan, leading to predictions of 20-30% growth in the next quarter.

Answer: AFLAC

b) Though it's usually a dominant force, only one of this company's mutual funds, the Diversified International, made it onto Money Magazine's Top 100 list of 1998.

Answer: FIDELITY Investments

c) Name either of the two companies that tied, each with 6 mutual fund representatives, to lead the Top 100 list.

Answer: VANGUARD or T. ROWE PRICE

BONUS 11

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

30: Blue Monday, Lady Be Good

20: Strike Up the Band, Girl Crazy

10: An American in Paris

Answer: G_eorge GERSHWIN

BONUS 12

Time for a connection bonus. Make the connection between the following literary things FTP each. For example, if I said, "An epic John Milton work meets a 1998 sci-fi movie starring Gary Oldman, Mimi Rogers, and Matt LeBlanc," you would respond, "Paradise Lost in Space."

a) The Blanche Dubois and Stanley Kowalski play meets the Ephraim and Annie Cabot play.

Answer: A _STREETCAR NAMED DESIRE UNDER THE ELMS_

b) The Ivan Turgenev novel featuring Bazarov meets the novel starring Paul Morel.

Answer: _FATHERS AND SONS AND LOVERS_

c) The Lucy Manet and Sydney Carton novel meets the third novel of Cormac McCarthy's Border Trilogy.

Answer: A _TALE OF TWO CITIES OF THE PLAIN_

BONUS 13

Given a description, identify the scientific duos for the stated number of points. You must identify both members for the points.

a) For 5 points, this duo determined the double-helix structure of DNA.

Answer: James Dewey _WATSON_ and Francis _CRICK_

b) For 10 points, working at the University of Toronto, this duo was the first to obtain a pancreatic extract of insulin.

Answer: Sir Frederick Grant _BANTING_ and Charles H. _BEST_

c) For 15 points, this duo discovered a chemical process that can be used for the alkylation or acylation (AY-sill-ay-shun) of a variety of organic compounds.

Answer: Charles _FRIEDEL_ and James Mason _CRAFTS_

BONUS 14

Answer the following questions about Norse mythology FTP each.

a) In Norse mythology, this is the collective name of the three demigods -- Urdur, Verthandi, and Skuld.

Answer: the _NORNS_

b) The Norns dwell at the root of this sacred ash tree which sprang from the body of the giant Ymir (WYE-meer).

Answer: _YGGDRASIL_ (yigg DRAH sil)

c) What squirrel ran up and down the trunk carrying strife?

Answer: _RATATOSK_

BONUS 15

Answer the following questions about French dynasties and kings FTP each.

a) Clovis the First, who established the capital at Paris, was the most important of this first dynasty of French kings.

Answer: _MEROVINGIAN_ dynasty

b) It is said that this family of kings "learned nothing and forgot nothing." Thus, now the word is used to indicate anyone who fails to learn by experience and has often been applied to the Democrats by the Republicans. Charles the Tenth was the last king of this house.

Answer: House of _BOURBON_

c) The only member of the House of Orleans (or-lay-AUH) to rule France, he was its first elected king.

Answer: _LOUIS-PHILLIPE_

BONUS 16

Identify the anthropologists from clues on a 15-5 basis.

a) 15: Some of his works include _Race and Democratic Society_ and _Anthropology and Modern Life_.

5: The first professor of anthropology at Columbia University in 1899, he had many famous students, including Ruth Benedict.

Answer: Franz _BOAS_ (BOW-oss)

b) 15: Some of his works include _Folklore in the Old Testament_ and _Totemism_.

5: He is best remembered for his work _The Golden Bough_

Answer: Sir James George _FRAZER_

BONUS 17

Name these Shakespearean characters with the same names after a description of one for 15 points or after both descriptions for 5.

a) 15: The young king of Navarre who takes an oath with three friends in _Love's Labours Lost_.

5: The son of Alonso, king of Naples, in _The Tempest_. He falls in love with Miranda.

Answer: _FERDINAND_

a) 15: The brother of the virtuous Isabella in _Measure for Measure_, he is the central character in the play.

5: In _Much Ado About Nothing_, he is the young hero who falls in love with Hero.

Answer: _CLAUDIO_

BONUS 18

Identify the artist from works, 30-20-10.

30: "At the Piano," "Wapping," "Coast of Brittany: Alone With the Tide"

20: His nocturnes include, "Old Battersea Bridge: Nocturne - Blue and Gold" and "Battersea Bridge"

10: "Arrangement in Grey and Black, Number 10"

Answer: James (Abbott) McNeill _WHISTLER_

BONUS 19

Identify the astronomers from clues for the stated number of points.

5: He discovered Uranus and its first two moons, Titania and Oberon.

Answer: Sir William _HERSCHEL_

10: To help focus debate, this UC Santa Cruz astronomer developed an equation for the number of advanced civilizations in the Galaxy as a product of terms which could be scientifically estimated.

Answer: Frank D. _DRAKE_

15: Her studies of Cepheid (SEF-ee-id) variable stars led her to discover the relation between their period and their luminosity, very important as a tool for measuring distances.

Answer: Henrietta Swan _LEAVITT_

BONUS 20

Answer the following questions about ancient India FTP each.

a) This empire and line of kings ruled India from 320 to 480 AD. They succeeded in uniting North India and conquering much of the south.

Answer: the _GUPTA_s

b) This man founded the Gupta line of kings and shared his name with the founder of the Mauryan Empire.

Answer: _CHANDRAGUPTA the FIRST_

Do not accept: Chandragupta the Great

Do not accept: Chandragupta Maurya

c) This man ruled 650 years before the time of the Guptas and is best known for extending the Mauryan Empire to its furthest limits as well as spreading Buddhist teachings throughout the empire.

Answer: _ASHOKA_

BONUS 21

Identify the literary work from a line for 15 points, 5 if you need the author.

15: "Nature never did betray The heart that loved her"

5: William Wordsworth

Answer: "Lines Composed a Few Miles Above _TINTERN ABBEY_"

15: "Are God and Nature then at strife, That Nature lends such evil dreams?
So
careful of the type she seems, So careless of the single life."

5: Alfred Lord Tennyson

Answer: _IN MEMORIAM_ A.H.H.