

SNEWT: Son of QOTC, 1997
Toss-ups by MIT

1. In ancient times, this landmass was known as the homeland of the Cimbri, but its name is derived from another Germanic tribe. Politically, it extends south to Flensburg Fjord, but physically it also includes the German state of Schleswig-Holstein. Lending its name to the only major naval battle of the First World War, FTP, identify this peninsula which contains mainland Denmark.

Answer: _JUTLAND_ peninsula (prompt on early buzz of Denmark)

2. American physicist George Zweig wanted to call them "aces," but instead a term adopted from Finnegan's Wake became their official name. These particles are the underlying cause for the arrangement found in the Eightfold Path, and they were first proposed by Murray Gell-Mann. FTP, identify these subatomic particles which combine to form all hadrons and have never been found to exist in isolation.

Answer: _QUARK_s

3. This novel has been seen variously as recapitulating the ascent of man, the development of Western culture, the course of Colombian history, and the story of the Bible. Written in the style of magic realism, it opens with Colonel Aureliano Buendia facing a firing squad and closes with the destruction of the village of Macando in a fantastic storm. FTP, name this 1967 work by Gabriel Garcia Marquez.

Answer: _ONE HUNDRED YEARS OF SOLITUDE_ or _CIEN AN~OS DE SOLEDAD_

4. Its name is derived from the Arabic for "Chosen One of the Palace," and it was built in memory of a woman who died in childbirth in 1631. Lying on the southern bank of the Yamuna River, this building took twenty-two years to complete and cost Mughal emperor Shah Jahan forty million rupees. FTP, name this white marble mausoleum in Agra, India.

Answer: _TAJ MAHAL_

5. Philip the Second of Spain was so troubled by this artist's version of the "Martyrdom of St. Maurice" that he fired him after commissioning only two works. After studying in Venice under Titian, this painter moved to Toledo in 1577 where he developed the highly personal style which characterized such paintings as "Assumption of the Virgin" and "Burial of the Count of Orgaz." FTP, name this Spanish painter born on the island of Crete.

Answer: _EL GRECO_ or Domenikos _THEOTOKOPOULOS_

6. The final metamorphosis undergone by each of these elemental beings is their inclusion into the Parliament of Trees, in the heart of the Brazilian rainforest. First appearing in "House of Secrets" #92, the current one bears the consciousness of scientist Alec Holland. FTP, who or what is this DC Comics character that is a humanoid mass of plant life?

Answer: _SWAMP THING_

7. Subtitled "A Romance of Many Dimensions," this story takes place in a country where the light shines all day and night, both indoors and outdoors. The narrator of this book is

visited by a super-dimensional being who grants him movement in the direction which is "upward, not northward," an experience which results in his institutionalization. FTP, identify this 1884 Edwin Abbott work narrated by A. Square.

Answer: _FLATLAND_

8. His secretary, Tiro, invented a form of shorthand as a method for recording the speeches of this lawyer, who was best known for his defense of the Roman Republic during his consulship of 63 BC. He met a gruesome end when his head and hands were nailed to the rostra in the Roman Forum in retribution for his delivery of the fourteen Philippic orations against Mark Antony. FTP, identify this great Roman statesman and orator.

Answer: Marcus Tullius _CICERO_

9. The prime implication of this directive is that a moral law cannot have any specific goals or aims because all such aims are subject to one's desires. A common formulation of it states: "Act only according to that maxim by which you can at the same time will that it should become a universal law." FTP, name this moral law differentiated by Immanuel Kant from the subjective hypothetical imperative.

Answer: _CATEGORICAL IMPERATIVE_

10. Co-written by lyricist Bernie Taupin, this song peaked on the UK charts at number eleven in 1974, but the original version was not released as a single in the United States. Originally a tribute to an actress who had died more than a decade earlier, it was recently rewritten to replace "Norma Jean" with "England's rose." FTP, name this song which Elton John performed at the funeral for Britain's Princess Diana.

Answer: _CANDLE IN THE WIND_ 1997

11. Judge Alcee Hastings. Secretary of War William Belknap. ~~Arizona~~² Governor Evan Mecham. Judge Walter Nixon, but not President Richard Nixon. President Andrew Johnson. Each of these politicians and judges shared this fate, in which, FTP, the House of Representatives voted to charge them with a crime.

Answer: impeachment

12. Suppose a solution of one reactant is placed in a small beaker or flask. Another reactant, also in a solution, is placed in a buret, a long graduated tube with a stopcock valve. The second solution can then slowly be added to the first by manipulating the stopcock. For ten points, this is a description of what chemistry lab method, a reaction carried out by the carefully controlled addition of one solution to the other?

Answer: _Titration_

13. He was the father of St. Helena and the grandfather of Emperor Constantine the Great, and was king of the Britons in the 3rd century, according to Geoffrey of Monmouth. John Masefield wrote a poem about him in 1921, but you probably know him better from a nursery rhyme. FTP name this legendary "merry old soul."

Answer: King _COLE_ (or _COEL_)

14. "Plant-rooms, nine to eleven a.m. and four to six p.m.; office, eleven a.m. to 1:15 p.m., six p.m. to dinnertime and after dinner if necessary." This unbendable schedule often wrecked havoc on Archie Goodwin, this fictional detective's assistant. FTP, name this grossly overweight investigator with a penchant for orchids, who first appeared in the novel *Fer-de-Lance* by Rex Stout.

Answer: Nero _WOLFE_

15. Early studies using this form of analysis attempted to quantify the relationship between the price of a commodity and the amount sold. The development of these types of models won Jan Tinbergen and Ragnar Frisch the first Nobel Prize for Economics in 1969. FTP, identify this method of statistical and mathematical analysis of economic relationships.

Answer: _ECONOMETRICS_

16. Richard Wagner admired this man for his brilliant technique as a pianist, and Marcel Proust used him as the subject of a study. Near the end of his twenty year tenure as the organist for the Church of the Madeleine in Paris, he composed his first symphonic poem, "Omphale's Spinning Wheel." FTP, identify this French composer of the opera "Samson et Dalila" and "The Carnival of the Animals".

Answer: Camille _SAINT-SAENS_

17. The Vosges Mountains of France and the Palestine Plateau are two typical examples of this geological formation. Bounded on both sides by steeply dipping normal faults which are angled away from each other, they are thought to be due to the lateral tension produced by regional uplift. FTP identify these elongated fault blocks of crust which have been raised due to faulting and which often occur in conjunction with grabens.

Answer: _HORST_s

18. A club by this name was instituted in London about 1760 by a group of exquisite fops notorious for gambling, drinking, dueling and wearing flashy clothes. The name was applied derisively to a rebel regiment from Maryland because of their uniforms during the American Revolutionary War, and then made its way into a British song poking fun at the rebels. FTP identify this word that appears in *Yankee Doodle Dandy* and refers to a food.

Answer: _MACARONI_

19. This 12-book work was completed over 11 years, and was originally intended to include several hundred more years of history. The dying wish of its author was for this work to be burned, but the Emperor Augustus prevented its destruction. It tells of the adventures of the son of Anchises and Venus who escaped the fall of Troy in order to found a new race in Italy. FTP, name this poem considered the Roman equivalent of the *Odyssey* and the *Iliad*, written by Vergil.

Answer: the _AENEID_

20. On New Year's Eve in 1988, this player scored five goals five different ways against the New Jersey Devils. During his career, he won six scoring titles, won three league MVPs, and led his team to two Stanley Cups while overcoming severe back problems and Hodgkin's disease. FTP, name this star center for the Pittsburgh Penguins who was recently inducted into the Hall of Fame within months of his retirement.

Answer: Mario _LEMIEUX_

(NOTE: The five ways were an even-strength goal, a power play goal, a short-handed goal, a penalty shot goal, and an empty net goal.)

21. This term was first used in 1912 by Casimir Funk to designate a group of compounds considered vital to life, all which he thought contained nitrogen. Divided into water-soluble and fat-soluble categories, they often serve as coenzymes. FTP, what are these organic compounds whose deficiencies cause beriberi and scurvy?

Answer: _VITAMIN_s

22. This son of Iapetus had a record of defying the Olympians. His first crime was to trick the gods into accepting bare bones and other unedible animal parts instead of good meat as sacrifices, and for this Zeus attempted to marry him to a woman with "all the gifts" of the gods. FTP, who was this Titan, with a name meaning "fore thought," whose second crime was to steal fire and give it to man?

Answer: _PROMETHEUS_

23. This character is personified in Ray Bradbury's "The Hallowe'en Tree" as Carapace Clavicle Moundshroud. Originally he was a farmer who tricked the devil into not allowing him into Hell, but when he died neither was he allowed into Heaven. Since then he has wandered the earth with a turnip torch looking for a place to stay. FTP, who is this homeless soul whose namesakes are often carved from pumpkins around Hallowe'en?

Answer: _JACK O'LANTERN_

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Boni by MIT

1. Given a line of poetry, identify the poem for ten points each. If you need the author's name, you will be given only five points.

- a) For 10. "Look on my works, ye Mighty, and despair!"
For 5. Percy Bysshe Shelley

Answer: _OZYMANDIAS_

- b) For 10. "The mirror crack'd from side to side"
For 5. Alfred Lord Tennyson

Answer: _THE LADY OF SHALOTT_

- c) For 10. "Rage, rage against the dying of the light."
For 5. Dylan Thomas

Answer: _DO NOT GO GENTLE INTO THAT GOOD NIGHT_

2. Twentieth-century physics involved investigations into a number of different phenomena. Answer the following questions for ten points each:

- a) First observed by a Scottish botanist, this describes any physical phenomenon in which some quantity is constantly undergoing small, random fluctuations.

Answer: _BROWNIAN_ motion or movement

- b) The Michelson–Morley experiment, first performed in 1881 and later refined in 1887, was an attempt to detect the velocity of the Earth with respect to this hypothetical substance using an interferometer.

Answer: Ether

- c) In this phenomenon, charged particles are released from a material when it absorbs radiant energy.

Answer: _PHOTOELECTRIC EFFECT_

3. Answer the following questions about the Thirty Years War for ten points each:

- a) The war began soon after two Roman Catholic regents and their secretary were tried and condemned for violating the legal guarantees of religious liberty. What name is commonly given to their punishment, in which the guilty were thrown through the windows of a council room?

Answer: the _DEFENESTRATION_ of _PRAGUE_

- b) Which Swedish king nicknamed the "Lion of the North" revitalized the German Protestant forces with an effective army campaign, before finally being killed at the Battle of Lutzen in 1632?

b) "The first act in Venice; during the rest of the play at a seaport in Cyprus"

Answer: _OTHELLO_, The Moor of Venice

c) "Troy, and the Grecian camp before it"

Answer: _TROILUS AND CRESSIDA_

13. Identify the fallen American government figure FTPA.

a) First, name the member of the Ohio Gang and interior secretary under President Harding who accepted bribes to lease the Teapot Dome naval oil reserves in Wyoming to private interests.

Answer: Albert B. _FALL_

b) Second, who was the general counsel for the Committee for the Re-election of the President who was convicted on charges of burglary and wiretapping in the Watergate scandal? More recently, he was in the news for controversial statements on his radio show.

Answer: G. Gordon _LIDDY_

c) Who is the former secretary of agriculture under President Clinton who has recently been charged with 39 counts including allegations that he illegally accepted gifts and favors from large food producers and tried to cover up his activities?

Answer: Mike _ESPY_

14. Identify the country 30-20-10:

For 30: Though the Portuguese were the first Europeans to arrive, this country was a British colony from 1533 until it achieved independence in 1957.

For 20: This country has had four civilian governments and five military regimes since its independence; current president J.J. Rawlings has been the country's leader since 1981.

For 10: This country is probably best known not for its past and present national leaders, but rather for its international leader, current U.N. Secretary General Kofi Annan.

Answer: _GHANA_

15. Answer the following questions related to the theory of plate tectonics FTPA.

a) What is the scientific word for the Earth's rigid outer shell which is derived from the Greek for "globe of stone?"

Answer: _LITHOSPHERE_

b) The lithosphere rests on top of what region where mantle rocks are at a higher temperature and so deform plastically when subjected to tectonic stresses? Its name comes from the Greek for "weak globe."

Answer: _ASTHENOSPHERE_

c) Plate tectonics incorporates what older theory developed by Alfred Wegener to explain similarities in geological and paleontological evidence?

Answer: _CONTINENTAL DRIFT_

16. 30-20-10, identify the novel.

For 30. The four sections of the novel are entitled, "April Seventh, 1928", "June Second, 1910", "April Sixth, 1928.", and "April Eighth, 1928." Section four is sometimes referred to as "Dilsey's Section."

For 20. The title and some of the imagery in the novel derive from a soliloquy by the title character in Shakespeare's tragedy "Macbeth," Act V, Scene v.

For 10. This fourth novel of William Faulkner depicts the decline of the once-aristocratic Compson family. The title refers to the deaf-mute Benjy Compson, whose sense of timelessness makes the stream of consciousness style of the first section difficult to read.

Answer: _THE SOUND AND THE FURY_

17. Identify the assassination victim, 5-10-15.

a) For 5, what 1968 presidential hopeful was fatally wounded by Sirhan Sirhan in a kitchen hallway in Los Angeles' Ambassador Hotel?

Answer: _R_obert F. _KENNEDY_

b) For 10, which tsar of Russia was killed in an 1881 bombing plot sponsored by the revolutionary People's Will?

Answer: _ALEXANDER II_

c) For 15, who was the prime minister of Great Britain who was shot and killed in the House of Commons by John Bellingham in 1812?

Answer: Spencer _PERCEVAL_

18. Identify the following related terms for the stated number of points.

For 5: This four-syllable, eleven-letter term describes "the system of principles underlying a particular study or subject," not an idealized form of Newton's Laws.

_METAPHYSIC_s

Answer: _GUSTAV II ADOLF_ or _GUSTAVUS ADOLPHUS_

c) The war was settled by which treaty concluded in 1648 in the towns of Münster and Osnabrück?

Answer: the _PEACE OF WESTPHALIA_

4. Although Islam originated in Arabia, today none of the four nations with the most Muslims is an Arab country.

a) First, for 5 points apiece, name the four nations which each have more than 100 million Muslims.

Answers: _INDONESIA_ (173 million)
 PAKISTAN (133 million)
 BANGLADESH (109 million)
 INDIA (105 million)

b) For a final 10 points, which Arab nation has the most Muslims, with an estimated 55 million in 1996?

Answer: _EGYPT_

5. Given the popular symphony titles, identify the composer, 5-10-15.

a) For 5. Eroica, Pastoral, Choral.

Answer: Ludwig van _BEETHOVEN_

b) For 10. The Surprise, Military, The Clock, Drumroll

Answer: Franz Joseph _HAYDN_

c) For 15. Resurrection, Ode to Heavenly Joy, Song of the Night.

Answer: Gustav _MAHLER_

6. Baseball is known for its history of colorful nicknames. Given the nickname of a player, identify the athlete for ten points each, or for five points if you need the years in which, and teams for whom, he played.

a) For 10. "Charlie Hustle"
 For 5. Cincinnati Reds, Philadelphia Phillies, Montreal Expos 1963-1986

Answer: Pete _ROSE_

b) For 10. "The Big Train"
 For 5. Washington Senators 1907-1927

Answer: _Walter_ _JOHNSON_

- c) For 10. "The Rajah"
For 5. St. Louis Cardinals, NY Giants, Boston Braves, Chicago Cubs 1915-1930

Answer: Rogers _HORNSBY_

7. Identify the following fictional characters for ten points each:

- a) This protagonist of Ernest Hemingway's A Farewell to Arms is an American fighting for the Italian army during the First World War who falls in love with an English nurse and deserts, escaping to Switzerland with her.

Answer: Lt. Frederick _HENRY_

- b) A boy with a wrecked voice who believes he was of virgin birth has such faith in his own fate that he spends his entire life preparing himself for the circumstances under which he believes he will die. Who is this title character of a John Irving novel who accidentally kills his best friend's mother with a foul ball?

Answer: Owen _MEANY_

- c) This American infantry scout captured at the Battle of the Bulge survives the firebombing of Dresden and becomes "unstuck in time" in Kurt Vonnegut's Slaughterhouse-Five.

Answer: Billy _PILGRIM_

8. Answer the following questions about ancient Greek law-givers, 5-10-15.

- a) For 5, who was the seventh century BC Athenian archon whose harsh legal code punished both trivial and serious crimes with death?

Answer: _DRACO_ or _DRACON_

- b) For 10, name the archon of 594 BC who by revising every Draconian statute except for those on homicide made Athenian law more humane

Answer: _SOLON_

- c) For 15, who was the quasi-mythological traditional lawgiver who founded most of the institutions of ancient Sparta, including the highly militarized communal system which produced the best land army in Greece?

Answer: _LYCURGUS_

9. Identify the popular band from the origin of its name for ten points each.

- a) This group's name refers to a series of English folk tales in which a traveler enters a village and finds the villagers refusing to bury the body of a debtor. The traveler pays the

For 10: This key is held down in the entering of many UNIX commands, especially in the program EMACS. However, there is no such key on a PC or Mac.

META key

For 15: This four-syllable, ten-letter term is another term for a double-replacement reaction in chemistry.

METATHESIS

19. One of the most talked-about shows recently has been Comedy Central's "South Park." First, FFPE, name the four boys who are the main characters.

STAN Marsh, _KYLE_ Broslofski, Eric _CARTMAN_, _KENNY_ McCormick

Now, FTP, what composer of the theme to "Shaft" provides the voice of Chef?

Isaac _HAYES_

20. Identify the processes in the human body from the description, FTPA.

a) It is the smooth pyramidal or cone-shaped bone projection at the base of the skull on each side of the head just below and behind the ear in humans.

MASTOID process

b) This process on the ulna articulates with the trochlea of the humerus to form the elbow joint, and can be felt as the point of the elbow.

OLECRANON process

c) Coming from the Greek for "sword-shaped," this process is located at the lower extremity of the sternum. It is usually cartilaginous, but it ossifies by middle age.

XIPHOID process

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

For 30: It is currently building a new national capital called Putrajaya ["poo-trah-JEYE-a"] in its Klang Valley.

For 20: Its landmarks include the one-and-a-half-mile-long GigaWorld, the world's longest building, and the Petronas Towers, the world's tallest buildings.

For 10: It has borders with Indonesia, Brunei and Thailand.

MALAYSIA

dead man's debts and sees to a decent burial, and later is saved from danger by mysterious events, which are credited to the corpse's thankful spirit.

Answer: The _GRATEFUL DEAD_

b) The name of this band comes from the video jargon for a camera shot showing the subject only from the shoulders up, as is particular to newscasters.

Answer: _TALKING HEADS_

c) This band's name is derived from the name of a pick-up truck produced in the 1930s which bore the initials of the Oldsmobile company's founder.

Answer: _REO SPEEDWAGON_

10. For 10 points each, name the first-born son of each of these men according to the book of Genesis.

a) Adam

Answer: _CAIN_

b) Abraham

Answer: _ISHMAEL_

c) Isaac

Answer: _ESAU_

11. Answer the following trigonometry questions FTPE:

a) What is the sine of 60 degrees?

Answer: one _HALF_ of the square _ROOT_ of _THREE_ (or the square _ROOT_ of _THREE_ _OVER TWO_, or the square _ROOT_ of _THREE QUARTERS_)

b) What is the tangent of 60 degrees?

Answer: the square _ROOT_ of _THREE_

c) What is the secant of 60 degrees?

Answer: _TWO_

12. Given the scene setting of a play by William Shakespeare, name the play, 10 points each.

a) "The sea, with a ship; afterwards an uninhabited island"

Answer: The _TEMPEST_