

TOSS-UPS

Servants of Cthulhu

by R. Forsythe, J. Jones, K. Kreuter

1) Though he was born in Carrol County Maryland in 1769, it is the minor league baseball team in Frederick, Maryland that is named in his honor. Known in his own time as a lawyer, for 10 points name this brother-in-law of Roger B. Taney who spent the Battle of Baltimore a prisoner on a British ship.

Answer: Francis Scott Key

2) Equal to approximately $1/137$, it is defined as the square of the charge on an electron over the product of Plank's constant and the speed of light. For 10 points what name is given to this dimensionless constant, usually written as "alpha", which among other things is the probability that in any given quantum of time an electron will emit or absorb a photon.

Answer: Fine-Structure Constant

3) A president of the American Psychological Association and then the American Philosophical Association around the turn of the century, in his The School and Society he outlined his instrumentalist theory of "learning by doing". For 10 points name this man known for advances in situational ethics, pragmatism, and education best remembered for his Democracy and Education.

Answer: John Dewey

4) Written by PB Shelley and a friend, TJ Hogg, while at Oxford, this prose pamphlet used the sceptical arguments of Hume and Locke to demolish grounds for a rational belief in the Diety. Its title and the flourishing "Q.E.D." with which it ends caused great offense and got them both expelled. For 10 points name this work, probably the first published statement of atheism in Britain.

Answer: The Necessity of Atheism

5) For 10 points Masbate, Samar, Bohol, Cebu, Mindoro, Panay, Negros, Leyte, Palawan, Mindanao, and Luzon are the largest islands making up what group?

Answer: Philippines

6) On May 21st of every year white lillies from Eaton and white roses from King's College, Cambridge are placed on the marble alter in the Tower of London that is supposed to mark the spot where this king was killed while at prayer. Shakespeare pins the murder on Richard III, but it was probably as much the work of his brother Edward IV. For 10 points name this monarch who ruled from 1422 to 1461, the last Lancastrian king.

Answer: Henry VI

7) Its 10 precepts, or Sefirot, were taught by the 12th century Abraham ben David and his son Isaac the Blind. A century later Moses de Leon compiled The Zohar or Book of Brightness to systemitize and spread these ideas on the nature of angels, the magic of numbers and letters, and the coming of the Messiah. For 10 points name this system of Jewish mysticism.

Answer: Cabala

8) Quote: "The little town of Verrieres must be one of the prettiest in the Franche-Comte." No, it doesn't have anything to do with a University of Georgia school newspaper, but it is, for 10 points, the first line of what well known 1830 novel by Stendhal?

Answer: The Red and the Black or Le Rouge et le noir

9) A class of basic proteins with an unusually high proportion of arginine and lysine in their make up, they are responsible for the miracle of coiling 2 metres of DNA into a tiny cell nucleus. Eight of these molecules together form a nucleosome, around which the DNA wraps itself to form a chromatin. For 10 points what are these positively charged proteins accounting for more than half of the mass of a chromosome?

Answer: **Histones**

10) She was a close friend of Henry James after her 1913 divorce from her mentally ill husband. Her writing was a form of therapy. For 10 points who authored The Reef, Touchstone, The Valley of Decision, The Custom of the Country, The House of Mirth, Ethan Frome, and The Age of Innocence

Answer: Edith Wharton

11) In 1938, after Tokyo relinquished the 1940 Summer Olympic Games because of its war in China, this city was selected as host. Despite time pressure and international tensions it persisted in its efforts to hold the games until its nation's invasion in late 1939. For 10 points name this city later awarded the 1952 Games which managed to survive the Winter War with the Soviet Union.

Answer: **Helsinki**

12) Born in 1797, he was once the music teacher to the Hungarian nobleman Count Esterhazy. Among his works are the song cycles Die Winterreise and Die schöne Müllerin, eight or nine symphonies, various chamber works, and a bewildering output of art songs or "lieder". For 10 points name this Austrian composer who died at the young age of 31.

Answer: Franz Schubert

13) Fought in southeastern Italy, the 85,000 man army of consuls Gaius Terentius Varro and Lucius Aemilius Paulus were encircled by the forces of Hannibal and decimated. For 10 points name this 216 bc battle, the best remembered from the Second Punic War and one of Rome's greatest defeats.

Answer: **Cannae**

14) In 1909 the poet and critic Filippo Marinetti wrote that "the Victory of Samathrace was less beautiful than a hurtling automobile" -- sentiments which galvanized Balla, Carra, Boccioni, and Severini to action. For 10 points thus began what art movement, indebted to cubism in its use of fragmented forms, which glorified machines and the violent movement associated with technology.

Answer: **Futurism**

15) In this somewhat existential verse drama the title character enters into a long series of escapades which always seem to end in disaster. In the end he is saved from the Button Moulder by his steadfast sweetheart Solveig and returns to Norway. For 10 points name this 1867 Ibsen play with incidental music by Grieg.

Answer: **Peer Gynt**

16) Born in 1834, he directed the Russian bureau of weights and measures and served as an advisor on the development of that nation's petroleum industry. In 1882 he shared the Davy Medal with Mxer. For 10 points who do we know best as a chemist and the formulator of the periodic law and the periodic table?

Answer: Dmitri Mendeleev

17) Henry Mancini won an Academy Award for his score for this 1961 movie. In one of its more famous scenes, during a cocktail party, a woman's hat is set on fire by a cigarette, only to be inadvertantly doused by another's drink, all without anyone's noticing. For 10 points name this film based on a Truman Capote work which starred Audrey Hepburn as the irrepressible Holly Golightly.

Answer: **Breakfast at Tiffany's**

18) Born near Kingston, Tennessee, at the age of 5 he moved with his parents to Texas which became his life long home. Serving in the House of Representatives from 1913 until 1961 he was a major force behind the Securities and Exchange Act. For 10 points name this Democrat whose nearly uninterrupted term as Speaker of the House from 1940 to 1961 made him the longest holder of that office.

Answer: Sam Rayburn

19) Told through the diaries of the young solicitor Jonathan Harker, his fiance Mina, her friend Lucy Westenra, and Dr. John Seward, the superintendent of a large lunatic assylum, it deals with a count's purchase a neighboring estate and his effect on the local women. Eventually Seward consults his old teacher, Professor von Helsing, who pursues the count back to Rumania and kills him. For 10 points identify this 1897 novel by Bram Stoker.

Answer: **Dracula**

20) If you were flying to this city your bags would be tagged "CVG", and you would land in Boone County, though the city itself is across the river in Hamilton County. Formerly known as Porkopolis, for ten points name this birthplace of President William Howard Taft and headquarters of Proctor and Gamble, Ohio's third largest city.

Answer: **Cincinnati**

21) The year is the same: Dominikus Zimmerman is born; John Gay is born; the future Emperor Charles VI is born; George Berkely is born; Domenico Scarlatti is born; George Frederick Handel is born; and Johann Sebastian Bach is born. For 10 points give the common year.

Answer: **1685**

BONUSES

Servants of Cthulhu
by R. Forsythe, J. Jones, K. Kreuter

1) (30) Shakespeare's Love's Labor's Lost has quite a tangle of lovers. Matching them up properly would be rather difficult without a few hints along the way. Supply the female half of each of these pairs based on other characters with whom she shares her name, for 10 points each.

a) The lover of Biron, in Romeo and Juliet she is Capulet's niece with whom Romeo is in love before he sees Juliet.

Answer: **Rosaline**

b) The lover of Dumain, in Twelfth Night she is the Olivia's waiting woman who plots with Sir Toby Belch, who she eventually marries, to get Malvolio into trouble.

Answer: **Maria**

c) The lover of Longville, in Henry V she is the daughter of the king of France, and in Henry VIII is described as "like a jewel she has hung twenty years about his neck, yet never lost her lustre".

Answer: **Katherine**

2) (30) Composers or their listeners have long been fond of naming their symphonies after places -- Haydn as an extreme case named 6 symphonies for the city of Paris alone. Identify the composers, 10 points for each, who composed these sets works named for places.

a) "Paris", "Linz", and "Prague" -- his 31st, 36th, and 38th respectively

Answer: **Mozart**

b) "Little Russian" and "Polish" -- his second and third

Answer: **Tschaikovsky**

c) "A London Symphony" and "Sinfonia Antarctica" -- his second and seventh

Answer: **Vaughn Williams**

★ 3) (30) (Reader -- Locate attached map handout but do not distribute until told to do so). Gestalt psychologist among others stress the importance of context. Simple everyday objects removed from their usual environment can be very difficult to identify, often to the embarrassment of test subjects. You can avoid embarrassment and earn 5 points each for your team by identifying these nations of the world. (Reader -- Handout the handout). North is as indicated on the map, but the individual nations are not drawn to the same scale.

Answer: a) ~~Iraq~~ b) ~~Brazil~~ c) ~~Afghanistan~~
d) ~~West Germany~~ e) ~~Mali~~ f) ~~Haiti~~

4) (30) The Assyrian empire began around 2000 bc but reached its height in the 7th, 8th, and 9th centuries bc. For 10 points apiece identify these kings from that period.

a) The son of Shalmaneser V, he ruled from 721 to 705 bc, sharing his name with an Akkadian king who had ruled northern Sumeria 1600 years earlier. What is the common name?

Answer: **Sargon II**

(continued on next page)

5) Continued

b) The son of Sargon II, he ruled very oppressively and was eventually murdered by two of his sons in 681 bc. Name this destroyer of Babylon who made Judah's king Hezekiah pay tribute
Answer: **Sennacherib**

c) A grandson of Sennacherib, he was known to the Romans as Sardanapalus. The last great king of Assyria, he assembled the library at Ninevah during his reign from 668 to 633 bc
Answer: **Ashurbanipal**

5) (30) Edgar Allan Poe is so well known in Academic Buzzer Competition circles that any of his stories is immediately recognized as his by most teams. In fact you probably wouldn't even need to hear the full title as you could complete it well enough yourselves. For 5 points apiece complete these Poe titles.

a) The Thousand and Second Tale of ...

Answer: **Scheherazade**

b) The Imp of the ...

Answer: **Perse**

c) The Literary Life of ...

Answer: **Thingum Bob, Esq.**

d) How to Write a ...

Answer: **Blackwood Article**

e) The Unparalleled Adventures of One ...

Answer: **Hans Pfaall**

f) The Facts in the Case of ... Answer: **M. Valdemar**

6) Today in Emory's "Advanced" Physics Laboratory each student is presented with a cube-shaped box, filled just to the top with exactly two litres of water, and a heavy ball which will just fit inside the box. Today's experiment is to determine how much water will overflow from the box if the ball is placed inside it. Since you're the one with mop-duty you quickly realize that the only way to save yourself several hours of work is to quickly devise a way of getting the answer without actually performing the experiment. For 30 points, how much water will spill out if the ball does not float? You have 30 seconds.

Answer: **1.0472 litres (accept from 1.04 to 1.05 litres)
or (pi divided by 3) or other equivalents**

7) (30) Hillsboro sounds like a small, homey kind of town, and most of them are, but three prominent figures in American history all hail from towns by the name of Hillsboro. Identify each of them, 5 points for the first, 10 for the second, and 15 for the third.

a) This Democratic politician was born in Hillsboro, New Hampshire in 1804, attended Bowdoin College, and was a brigadier general in the Mexican War, where he presumably served with distinction. In 1852 he was nominated for President on the 49th ballot.
Answer: **Franklin Pierce**

b) This writer was born in Hillsboro, West Virginia in 1892 but grew up in China, where many of her books are set.
Answer: **Pearl S. Buck**

c) Born near Hillsboro, North Carolina in 1782 he moved west and became a newspaper editor before entering politics. A vigorous advocate of westward expansion and hard money, he served 30 years in the Senate, from 1821 to 1851, much of it as Democratic leader.
Answer: **Thomas Hart Benton**

8) (30) When the American Baseball League formed in 1901 it, like the National League which had formed a year earlier, had 8 teams. And like the National League, all 8 original teams still survive today, although often in different cities and under different names. For five points each name any six of these original American League teams.

Answer: **Baltimore Orioles, Boston Pilgrims (accept Red Sox), Chicago White Sox, Cleveland Indians, Detroit Tigers, Milwaukee Brewers, Philadelphia Athletics, Washington Senators**

9) (30) It just so happens that the other day the author of these questions bought a collection impressively titled Seven Russian Short Novel Masterpieces. One was "The Dilemma" by Leonid Andreyev but the others were by more widely known authors. For 5 points each who wrote...

a) The Duelist

Answer: **Turgenev**

☒ b) The Gambler

Answer: **Dostoevsky**

c) How Ivan Ivanovich Quarrelled with Ivan Nikoforovich

Answer: **Gogol**

☒ d) Father Sergus

Answer: **Tolstoy**

e) The Childhood of Zhenya Luvers

Answer: **Pasternak**

☒ f) Ward No. 6

Answer: **Chekhov**

10) (30) Like humans and other animals, plants also have hormones. Identify these for 5 points each and an additional five for all correct.

☒ a) Also called indoleacetic acid, this first plant hormone to be isolated travels down the stem and causes cell elongation.

Answer: **Auxin**

b) Synthesized in the root, this class of adenine derivatives travels up the xylem and causes cell division.

Answer: **Cytokinin**

c) In the immature seed this group provides food by stimulating the release of sugars from starch, while in the mature plant they cause the stem to bolt just before flowering.

Answer: **gibberellin (accept gibberellic acid)**

d) This alkene causes fruit ripening as well as leaf abscission

☒ Answer: **Ethylene**

☒ e) Its misleading name is due to the early belief that it caused leaves to fall off, but today we recognize it as promoting dormancy by closing the stomata and changing vegetative buds to winter buds.

Answer: **Abscissic acid**

11) (30) We're all familiar with the Heptarchy which dominated England from the 6th century to the Viking invasions of the 9th. For 10 points each, which of the 7 kingdoms...

a) Was formed by the unification of the kingdoms of Deira and Bernicia and was the home of the monasteries of Monkwearmouth and Jarrow where St Bede did his writing.

☒ Answer: **Northumbria**

(continued on next page)

11) Continued

b) Remains largely a historical mystery as no major chronicles are known to have survived. Comprised even then of territories known as Norfolk and Suffolk, the Sutton Hoo treasure was likely left as memorial to its greatest king, Redwald.

Answer: **East Anglia**

c) Though not unified until the 7th century, once this occurred its size and strategic position in the western Midlands made it the dominant political power through most of the 8th and 9th centuries. Among its greatest kings were Offa, who dealt on terms of equality with Charlamagne, and Penda.

Answer: **Mercia**

12) (30) The Aeneid is one of the best known of the classical epics. Aeneas obviously figures prominently in the story, but answer the following questions about its other characters.

a) For 5 points each who were the parents of Aeneas?

Answer: **Anchises, Venus (accept Anchises, Aphrodite)**

b) For 5 points who is the Rutulian chief whom Aeneas kills at the end of the epic?

Answer: **Turnus**

c) For an additional 5 points who is the Carthaginian queen who kills herself after Aeneas leaves?

Answer: **Dido**

d) For a final 10 points who is the helmsman of Aeneas' ship who falls overboard and drowns en route to Italy?

Answer: **Palinurus**

13) (30) The longest rivers of each of the continents (and you may want to write these down) are the Amazon, the Mississippi-Missouri-Redrock, the Murray-Darling, the Nile, the Volga, and the Yangtze. For five points apiece, arrange them from longest to shortest.

Answer: **Nile, Amazon, Yangtze, Mississippi, Murray, Volga**

14) (30) You probably learned about big nasty wars like the Civil War or World War One or Two in your American History classes, but such survey courses tend to pass over alot of the small, relatively harmless wars that have dotted American history. For 5 points each, what wars occurred in the following years.

a) 1839

Answer: **Aroostook War**

b) 1832

Answer: **Black Hawk War**

c) 1801 to 1815

Answer: **Tripolitan or Barbary Wars**

d) 1744 to 1748

Answer: **King George's War**

(accept War of Austrian Succession)

e) 1743

Answer: **War of Jenkins's Ear**

f) 1675 to 1676

Answer: **King Phillip's War**

15) (30) The legend of Iphigenia has inspired many writers and other artists through the years. Identify these men for 10 points each.

a) He was inspired by the Euripides original to write a verse play also entitled Iphagenia in Tauris in 1787.

Answer: **Goethe**

b) He also drew freely from Euripides in his 1679 tragedy Iphigenie en Auclide

Answer: **Racine**

c) He worked only from his own twisted sense of humor in composing the cantata "Iphigenia in Brooklyn"

Answer: **P.D.Q. Bach** or **Peter Schickele**

16) (30) Old Hickory was of course Andrew Jackson and Old Blood and Guts General George Patton, but see if you can identify the bearers of these other "old" sobriquets" for 5 points each.

a) Old Fuss and Feathers

Answer: **Winfield Scott**

b) Old Lady of Threadneedle Street

Answer: **Bank of England**

c) Old Man Eloquent

Answer: **John Q. Adams**

d) Old Rough and Ready

Answer: **Zachary Taylor**

e) Old Noll

Answer: **Oliver Cromwell**

f) Der Alte

Answer: **Konrad Adenauer**

17) (30) Great artists often learned their trade from other artists of equal stature. For 5 points each identify these painters given their teachers.

a) Living from 1599 to 1641, he was second only to his master Rubens as greatest Flemish painter of the period.

Answer: **Anthony van Dyck**

b) Perugino's greatest pupil, he is said to have achieved the Renaissance ideal more fully than any other painter.

Answer: **Raphael**

c) A pupil of Rembrandt, his future was cut short in 1654 when he was killed by the explosion of an ammunition depot in Delft.

Answer: **Fabritius**

d) Fra Lippo Lippi's greatest pupil, his work was out of fashion for 300 years following his death before his delicate linear style was rediscovered by the Nazarenes and later the Pre-Raphaelites.

Answer: **Botticelli**

e) Paintings like Convergence make it hard to see what this student of Thomas Hart Benton could possibly have learned from the Regionalists.

Answer: **Pollock**

f) The influential symbolist Gustave Moreau had many students, including Roualt, but to his most famous he is said to have remarked "Henri, you were born to simplify painting."

Answer: **Matisse**

18) (30) Your clues to these Nobel Prize winners in chemistry will be the year in which they won and a brief description of their work. If you identify the scientist on only the year you will receive 10 points, if you need the description as well you will earn only 5. (Reader -- read only the year then allow the team to guess. If they guess incorrectly then read the rest.)

a) 1965 -- For fundamental contributions to molecular structure determination and the synthesis of quinine, cholesterol and others.

Answer: Robert Woodward

b) 1954 -- For contributions to the understanding chemical bonding and orbitals. He was the first to suggest the helical structure of protein molecules.

Answer: Linus Pauling

c) 1918 -- For a method of producing ammonia industrially.

Answer: Fritz Haber

19) (30) With 1939 being regarded as the greatest year in the history of film, bar none, other close-by years don't seem to get very much attention. Witness 1935. Answer the following questions about the 1935 Oscars.

a) For 5 points, this MGM flick set in the South Pacific won for Best Picture.

Answer: Mutiny on the Bounty

b) For 5 points, this man won the Best Director Oscar for The Informer

Answer: John Ford

c) For 10 points, he won for Best Actor for his work in The Informer

Answer: Victor McLaglen

d) For a final 10 points, she won for Best Actress for Dangerous

Answer: Bette Davis

20) (30) Mark Twain was of course really Samuel Clemens. For 5 points apiece provide the given names of these other American writers.

a) O. Henry

Answer: William Sydney Porter

b) Artemus Ward

Answer: Charles Farrar Browne

c) Richard Saunders

Answer: Benjamin Franklin

d) Geoffrey Crayon

Answer: Washington Irving

e) Ellery Queen -- 5 points for each of the two

Answer: Frederick Dannay, Manfred B Lee