

SNOWT 111

TOSS-UPS

By Bryn Mawr A and Rutgers

1. A hunting and gathering people, the Ju/'hoansi (Jew-wa-see) live in the semi-arid regions of this country. They are probably descendants of the San tribe, who archeologists believe have been in these remote regions for at least four centuries. FTP name this country, which in Orapa contains the world's largest known diamond pipes and whose capital is Gabronne.

Answer: _BOTSWANA_

2. His works include 35 published short stories, most of which were written from the remote hills of Cornish, New Hampshire. He wrote frequently about the Glass family, introduced in the short story "A Perfect Day for Bananafish" and in several novels, including Franny and Zooey. FTP, name the author who wrote one of the most popular postwar books and created the adolescent "hero", Holden Caulfield.

ANSWER: Jerome David _SALINGER_

3. The idea is to make an oligonucleotide that binds to the desired complimentary sequence in a far longer piece of DNA. Millions or even billions of the chosen sequence can be obtained by using a machine about the size of a toaster. FTP name the idea that won Kary Mullis a Nobel Prize in 1993.

Answer: _PCR_ or _POLYMERASE CHAIN REACTION_

4. The first phase of this architectural and decorative-arts style was influenced by African sculpture, Egyptian art, and Archaic Greek art. Its final phase reflected the industrial age and merged the arts with machine production. FTP, name this style, characterized by highly stylized natural and geometric forms and ornaments, as evident in the Radio City Music Hall and the Chrysler Building.

ANSWER: _ART DECO_

5. The 'Rebecca,' a Glasgow brig, was boarded by the Spanish Guarda Costas in 1731. This man, its captain, did not bring his case before Parliament until 1738, at the key moment when Spanish depredations into the Caribbean were being examined. FTP name the man who took the remains of his ear as proof of the attack.

Answer: Captain Robert _JENKINS_

6. This sport was introduced to the Olympic Games as a demonstration sport at the 1988 Winter Olympics in Canada, the country where this sport's popularity is greatest by far. However, this sport originated in Scotland as early as 1551 and was brought to North America in the early 19th century. FTP, name the sport where the captain carries a broom to sweep a clean path for a stone as it glides across the ice.

ANSWER: _CURLING_

7. In this sequel, the author moves away from the life of his mother to take a closer look at his own life. This fictionalized autobiography follows an Irish immigrant as he becomes a dockworker, soldier, student, and eventually a teacher. Frankie McCourt describes his homecoming to Limerick, Ireland, but truly finds himself in NYC. FTP name this sequel to "Angela's Ashes."

Answer: _'TIS_

8. France fought against a Grand Alliance of England, Holland, Austria, and the smaller states of the Holy Roman Empire in this war. Most of its battles were fought in Europe, but there were also engagements overseas, including North America. Political events drew the war to a compromise, with the death of several members of European royalty. FTP, name this war, incited when the last Spanish Hapsburg king died childless.

ANSWER: _WAR_ of the _SPANISH SUCCESSION_

9. According to Homer, Hesiod, and Pindar, this land was on the banks of the river Oceanus at the edge of the Earth. In Vergil, the river Lethe flows from its soft green meadows and it is also known as the Isles of the Blessed, was part of Hades. FTP, name the place in Greek mythology described as the dwelling place after death of virtuous mortals or those given immortality by divine favor.

ANSWER: _ELYSIAN FIELDS_

10. It still has a spring running underneath it and an olive tree growing beside it. The patron goddess, Athena, bested her uncle Poseidon here by giving Athens an olive tree that would provide food and oil. Poseidon's gift of a salty spring did not impress the townspeople much, so she won the battle on the Acropolis which is commemorated by this sacred building that is not the Parthenon. FTP, name this ionic temple, which features pillars shaped to look like women, known as the Caryatids.

Answer: The _ERECTHEION_

11. You have far too much work to do, so you decide to play in a college bowl tournament instead. You feel guilty at first, but by the end of the tournament you are convinced that college bowl is more important than finishing that problem set. FTP, this describes what the resolution of what psychological concept, occurring when one's desires conflict with one's actions.

ANSWER: _COGNITIVE DISSONANCE_

12. Capital of this landlocked African nation since 1962, it was founded by German colonists in 1907. It houses the country's international airport as well as a major highway that connects it to Burundi in the south and Uganda in the north. FTP name this city, the economic and administrative center of Rwanda.

Answer: _KIGALI_

13. Although this chemical property was introduced by Joseph Black, Dulong and Petit showed how it is related to an element's atomic weight. Often confused with the term heat capacity, it is defined as the amount of heat necessary to raise a unit mass (such as one gram) of matter by one degree of temperature. FTP, name this chemical property.

ANSWER: _SPECIFIC HEAT_

14. Born in 1470, this British monarch was one of the six to have ruled for less than a year. Although never truly crowned, this boy still ruled for two months before being deposed by his uncle Richard. FTP name the boy whose skeleton was supposedly found in the tower of London with that of his brother's during a 1674 renovation.

Answer: _EDWARD V_

15. This play retains literary and theatrical value because of the author's apt psychological characterizations. It gives an accurate picture of two relationships: one is a reciprocal give-and-take relationship and the other depicts a wife who feels "trapped" by her husband. FTP, name the play that contrasts the relationship between Krogstad and Kristine Linde with the Torvalds' marriage, one Henrik Ibsen's most famous plays.

ANSWER: _A DOLL'S HOUSE_ or _ET DUKKEHJEM_

16. During the 15th century, Europeans used a corruption of a Bantu word meaning "river" to name this river. It was named by later visitors after the great precolonial kingdom located near the mouth of this river. Divided into Upper, Middle, and Lower sections, this river is difficult to navigate through as the elevation drops 900 ft. in 200 miles. FTP, give either name of this African River.

ANSWER: _CONGO_ or _ZAIRE RIVER_

17. Its diameter is about 3140 kilometers, and it orbits Jupiter at a distance of 671,000 kilometers. Featured prominently in Arthur C. Clarke's *2010*, *2061* and *3001*, gravitational forces keep the interior warm and photos from the Galileo have shown us that this body in our solar system is covered with frozen glaciers, which may even conceal warm oceans. FTP name this moon of Jupiter.

Answer: EUROPA

18. This art style grew out of a French literary movement during the 1920s, but the term was coined by Guillaume Apollinaire in 1917. Sculpture adopted this style through assemblage, an art form consisting of combinations of incongruous objects and materials. Lesser known members include Max Ernst, Jean Arp and Man Ray. FTP name this art style in which imagery is based on fantasy and the world of dreams, whose most well-known member was Salvador Dali.

ANSWER: SURREALISM

19. The roots of this theological belief are in the Old Testament concept of an elect people. Further hints of the doctrine appear in the New Testament but it never appears in full form. It opposed pelagianism, which stated that humans can merit salvation by good works. FTP, name this Christian doctrine which claims that a person's ultimate destiny is determined by God alone.

ANSWER: PREDESTINATION

20. The worst ones were in Kolyma [KOL-ee-mah], but they were scattered across the entire Soviet Union. Lenin wrote of them, and the last were not closed until 1988. Solzhenitsyn [sol-zhen-EET-sen] won a Nobel Prize for his magnum opus about their history and function. FTP, give the acronym denoting the Soviet prison camps which housed political dissidents and criminals alike.

Answer: GULAG

21. The first book in this trilogy won the National Book Award for Fiction and the National Book Critics Circle Award in 1992. It was soon followed by *The Crossing* and *Cities of the Plain*, each of which depicted adolescence, horses, and the West in its own way. For these works, Cormac McCarthy won immense praise as the new "American" novelist. FTP name this trilogy, which began with "All the Pretty Horses."

Answer: The BORDER Trilogy

22. Thomas Mendip wants to be hung for a murder he didn't commit. Jennet Jourdemayne is attempting to do all she can to avoid being burned as a witch. Alizon intended to marry Humphrey, who cannot decide if it is his brother or himself who will walk down the aisle. In the end, Alizon is single but Jennet and Thomas end up together. FTP name this play by Christopher Fry. Answer: The LADY'S NOT FOR BURNING

SECRET 111

BONI by Bryn Mawr A and Rutgers

1) Given the description, name the character or place from The Lord of the Rings for 5-10-15.

[5] Called Hobbit of the Shire, Ringbearer, Elf-friend, and Hero.

Answer: FRODO_Baggins

[10] The Elven-refuge in a steep and hidden valley in the Angle, founded by Elrond. It was one of the important destinations in the Fellowship of the Ring.

Answer: RIVENDELL

[15] Here alone in Middle-earth was true beauty and timelessness preserved. It was ruled by Celeborn and Galadriel.

Answer: LORIEN or LOTHLORIEN

2) Identify the following physics terms:

[10] Name the term describing the path of a ball when a home run is hit.

ANSWER: PROJECTILE MOTION

[10] Give the formula for the centripetal acceleration a of an object moving with a speed v on a circular path of radius r .

ANSWER: $A = V^2/R$ A equals V squared divided by R

[10] A vector quantity defined as the product of the average force and the time interval during which the force acts.

ANSWER: IMPULSE

3) FTPE, given a short description name the economist.

[10] This Italian economist examined the idea of economic efficiency. An improvement named after him is defined as any action that makes at least one person better off and harms no one.

Answer: Vilfredo PARETO

[10] An 18th-century Scottish political economist and philosopher. While examining "the progress of Opulence" at Balliol, Oxford, he befriended David Hume in 1750.

Answer: Adam SMITH

[10] A 1976 winner of the Nobel Prize, he is a lead proponent of the idea that free market forces are more effective than government intervention in maintaining a balanced and non-inflationary rate of growth.

Answer: Milton FRIEDMAN

4) Given a country, name the capital.

[10] Slovakia

Answer: BRATISLAVA

[10] Slovenia

Answer: Ljubljana

[10] Moldova

Answer: KINSHINEV (also accept: CHISINAU)

5) See how often you have been listening to boy bands, or have been forced to listen to boy bands by a sadistic popular culture. F15P, I'll give you the names of the band members and you give me the band. Five points if you need a few of their more popular songs.

15: Brian Littrell, Nick Carter, Kevin Richardson, A.J. McLean, Howie Dorough

5: We've Got it Going On, As Long as you Love Me, Everybody, I Want it That Way

Answer: BACKSTREET BOYS

15: Joey McIntire, Jordan Knight, Jonathon Knight, Donnie Walberg, Danny Wood

5: Hangin' Tough, 5: Step by Step, Please Don't Go Girl, Cover Girl

Answer: _NEW KIDS ON THE BLOCK_

6) [10] FTP, this English diarist is remembered for his eyewitness accounts of the Plague and the Great Fire. His entries were written in code to ensure privacy.

ANSWER: Samuel _PEPYS_

[10] FTP, name one of the world's most famous diarist, a young girl killed in a German concentration camp before her 16th birthday.

ANSWER: Anne _FRANK_

[10] FTP, name this diarist who was a founding member of the Royal Society and its secretary in 1672. An enthusiastic gardener, he wrote a book on the cultivation of trees, Sylva, in 1664.

ANSWER: John _EVELYN_

7) Name the Jane Austen novel from characters.

[10] Sir John Middleton, Mrs. Jennings, Lucy Steele

Answer: _SENSE AND SENSIBILITY_

[10] Mrs. Smith, Sophia Croft, Louisa Musgrove

Answer: _PERSUASION_

[10] Catherine Morland, Isabella Thorpe, Henry Tilney

Answer: _NORTHANGER ABBEY_

8) On Sunday, September 12, 1999 the Boston Red Sox did the unthinkable, completing a three game sweep of the New York Yankees at Yankee Stadium and creating a pennant race in the American League East. FTPE answer the following questions about the series that keeps all Red Sox fans hopeful for a shot at the World Series.

[10] The year of the last sweep of the Yankees by the Red Sox.

Answer: _1986_

[10, All or Nothing] Name two of the losing pitchers for the Yankees in this (the 1999) series.

Answer: Roger _CLEMMENS_, Andy _PETTITE_, or Hideki _IRABU_

[10] Pride and joy of the Red Sox, Pedro Martinez, had a career high number of strikeouts in the first game of this series. How many Yankees did he send back to the bench?

Answer: _17_

9) Answer the following questions regarding the mathematical matrix:

[10] Give the name for the form of a matrix which has been downswep and upswep, and all of whose pivots are one.

ANSWER: Reduced _Row-Echelon_ Form

[15] This is the method used to reduce a matrix to row-echelon form.

ANSWER: _GAUSS-JORDAN METHOD_

[5] Give the adjective used to describe a matrix if it has an inverse.

ANSWER: _INVERTIBLE_

10) Answer these questions about recent stupid scientists.

[15] In Japan, workers used 35 pounds of uranium when they should have used 5.2 pounds. They demonstrated nuclear power, all right... FTP, name the city where this occurred.

Answer: _Tokaimura_

[15] Meanwhile, some scientist did the same thing I do in physics class--forget to switch units. This caused NASA to lose a \$125 million space craft. Give the full name of the craft.

Answer: _Mars Climate Orbiter_

11) 5-10-15, answer these questions about Hinduism.

[5] Name the hero of the Mahabharata and the Bhagavata-Purana, one of the most widely-worshipped Hindu deities.

Answer: _KRISHNA_

[10] A major tenet of the Hindu religion is "the following of the way"; those who follow the way as well as the way itself are referred to by this term.

Answer: _DHARMA_

[15] The word Hindu is derived from the Sanskrit word sindhu, which means what?

Answer: _RIVER_ (also accept the _INDUS RIVER_)

12) 15/5 name the play from the given clues:

[15] First performed in 411 BC, it is built around the idea that the women of Greece can put an end to the Peloponnesian War.

[5] The women of Greece unite in chastity against their husbands in this play by Aristophanes

ANSWER: _LYSISTRATA_

[15] This play satirizes courtly conduct during the age of Louis XIV.

[5] Alceste's constant attacks on society in the play is often criticized in this play by Moliere.

ANSWER: _THE MISANTHROPE_

13) 30/20/10 Name the composer from his works.

[30] A Pulitzer-prize winning opera Vanessa

[20] Overture for "The School for Scandal"

[10] Adagio for Strings

ANSWER: Samuel _BARBER_

14) 15 points each, given the events name the year in which they occurred.

You'll get five points if you're within five years.

1) December of this year Brahms's Requiem was first performed, the Dominion of Canada was established, Frank Lloyd Wright was born, Charles Baudelaire died, and Sojourner Truth addressed the First Annual Meeting of the American Equal Rights Association.

[15] _1867_

[5] between _1862_ and _1872_

2) "It Came From Outer Space" is released, Fauvist artist Raoul Duffy died, armed peace was established in South Korea, Dwight D. Eisenhower was sworn in as President, and Arthur Miller's "The Crucible" was first performed.

[15] _1953_

[5] between _1948_ and _1958_

15) Given the Australian city, name the state of which it is the capital.

[10] Adelaide

ANSWER: _SOUTH AUSTRALIA_

[10] Brisbane

ANSWER: _QUEENSLAND_

[10] Melbourne

ANSWER: _VICTORIA_

16) [10] FTP, name the French verse form of five three-line stanzas concluded by a quatrain. The first and third lines of the first stanza are repeated in succeeding stanzas as a refrain.

ANSWER: _VILLANELLE_

[10] FTP, name the literary term describing the artful and subversive use of mimicry to expose pretension or falsity in the original that it imitates.

ANSWER: _PARODY_

[10] FTP, name the literary term that lost its pastoral connotation and came to mean any composition that had a country setting or a simple, appealing, or charming mood.

ANSWER: _IDYLL_

17) Identify the American president from the given facts for ten points each:

[10] Of Dutch descent, he referred to English as "Yankee Talk". He was so

short he had to stand on a chair the first time he was called upon to speak in court.

ANSWER: Martin _VAN BUREN_

[10] This 29th president's term was filled with gossip and scandal surrounding his appointment of friends to government jobs. During his term, two government officials committed suicide.

ANSWER: Warren G. _HARDING_

[10] Born into a poor family, he had to go to work at the age of 14. He fell in love with his teacher, Abigail Powers, who helped him become a teacher. Trade between the US and Japan can be attributed to his efforts.

ANSWER: Millard _FILLMORE_

18) Here's a shock: a question on fundamental particles that DOESN'T involve naming quarks. For 5PE, name any three fundamental particles which are NOT quarks.

Answer: _ELECTRON_, _MUON_, _TAU_, _MUON-NEUTRINO_, _ELECTRON-NEUTRINO_, _TAU-NEUTRINO_

b) For another 5PE, name the force particle with which each of the following forces is associated: strong, weak, and electromagnetic.

Answer: Strong: _GLUON_; Weak: _WEAK GAUGE BOSON_; Electromagnetic: _PHOTON_

19) Answer these questions about Christianity in Japan:

[10] Name the Portuguese priest and one of the early fathers of the Jesuit order who headed the Christian Mission in 1549.

ANSWER: Francis _XAVIER_

[10] Name the era from 1603-1868 when Christian missionaries were expelled.

ANSWER: _Tokugawa_ Era

[10] Name the era following the Tokugawa era during which anti-Christian edicts were repealed in 1872.

ANSWER: _Meiji_ Era

20) Answer the following terms relating to logic:

[10] Identify the term defined as a statement that is either true or false, but not both.

ANSWER: _PROPOSITION_

[10] Identify the term defined as a compound proposition that is always true, no matter what the truth values of the propositions that occur in it.

ANSWER: _TAUTOLOGY_

[10] For his many contributions to symbolic logic, many students learn a type of algebra named after him

ANSWER: George _BOOLE_

21) Based on the clues, name this neoclassical artist 30-20-10.

[30] Born in 1780, this student of Jacques-Louis David was a passionate admirer of Raphael, and often tried to emulate the earlier master's work.

[20] He is renowned for painting the nude female back, not as it is, but as he thought is ought to be, with additional vertebrae to provide the perfect elongation. His nudes have been renowned in modern times for their depiction of full-bodied women.

[10] His paintings include The Marriage of Raphael, Head of St John the Evangelist, The Bather, and La Grande Odalisque.

Answer: Jean-Auguste _INGRES_

22) Man has forever been asking metaphysical questions. Here is your chance to answer some! FTPE, given the following definitions, name the terms that relate to the questions of "what is the mind" and "what is the relationship between the mind and the brain?"

[10] The mind is something utterly different from anything made out of matter.

Answer: DUALISM

[10] Every kind of mental state and every kind of mental event is (is identical to, is one and the same thing as) some kind of brain state or some kind of brain event.

Answer: IDENTITY theory

[10] The mind is certain functions of the brain.

Answer: FUNCTIONALISM