

HEINRICH BOLL III

TOSSUPS—GT Alums (Chris Goheen and Long Nguyen)

1. In 1783, he became a naturalized American citizen and settled in New York, where he wrote Regulations for the Order and Discipline of the Troops of the United States. While serving under Frederick the Great, he was recommended by Benjamin Franklin to be the inspector general of the Continental Army. FTP, who was this Prussian field general?

Answer: Baron von Steuben

2. A nocturnal, arboreal prosimian of species *Daubentonia madagascariensis*, they have opposable hindtoes and long slender fingers, which they can use to dig insect larva out of tree bark or extract the contents of sugarcane. FTP, name this animal of eastern Madagascar whose name sounds like the reply a sailor gives to an order.

Answer: aye-aye

3. This name began as a term of derision applied by Oxford students to the members of a religious association because they displayed great regularity in their meetings for scriptural study and spiritual edification and in their fasts and prayers. FTP, name this Protestant denomination formed in 1729 by a group that included George Whitefield, Charles Wesley, and John Wesley?

Answer: Methodism or Methodists

4. 1477 extra base hits, 2297 RBIs, 6856 total bases. These major league records are held by an outfielder elected to the Hall of Fame in 1982. FTP who also hit 755 home runs in his 23-year career?

Answer: Hank Aaron

5. It was written during the Italian Renaissance and published in a definitive version of 20 cantos in 1581. In 1600, Edward Fairfax translated it into English. This work was based on the historic events of the First Crusade and tells of Goffredo's attack on the title city. FTP, what is this romantic epic by Torquato Tasso?

Answer: Jerusalem Delivered or Gerusalemme Liberata

6. At the age of 18, he tried twice to enter a Viennese school of art, but was rejected. Instead, he stayed in Vienna as a part-time construction worker and draftsman. At the outbreak of World War I, he joined a Bavarian regiment and received two medals for bravery while fighting on the western front. After the war, he remained in Munich and built a tiny nationalist party, which grew into the National Socialist German Worker's Party. FTP, who was this author of Mein Kampf?

Answer: Adolf Hitler

7. The Portuguese founded a city of this name on Christmas Day 1599 and it is now the capital of Rio Grande do Norte state in northeastern Brazil. It shares its name with the South African province whose capital is Pietermaritzburg and whose largest city is Durban. FTP, what's the common name?

Answer: _Natal_

8. She met Edward Gordon Craig, a scenic designer, in London in 1899 and was greatly influenced by him. Her unconventional lifestyle, including two illegitimate children with Craig, did little to dampen public enthusiasm for her revolutionary dance style, which included aesthetic running, skipping, gesture and performance to music not composed for dance. She set up schools throughout Europe and greatly influenced modern dance. FTP, name this innovator whose costume included several colored scarves, one of which caused her death in 1927 when it caught in the wheel of her car.

Answer: Isadora _Duncan_

9. This family of polychlorinated aromatic hydrocarbons is chemically and toxicologically similar to PCBs and the chlorinated dibenzofurans. Also known as PCDDs, the most toxic compound of this type is 2,3,7,8-TCDD, which is found in parts per million in Agent Orange. FTP, what are these lipophilic contaminants typically found in the parts per trillion range in human fatty tissues.

Answer: _dioxins_ or _dioxin_

10. This movement encompassed literature, visual and performing arts. Noted sculptors include Sargent Johnson, while Palmer Hayden and Laura Wheeler Waring are among the painters associated with this movement. However, it is most noted for writers and poets such as Arna Bontemps, James Weldon Johnson, Jean Toomer, Countee Cullen and Langston Hughes. FTP, name this cultural outpouring of the 1920's and early 30's which took its name from the New York neighborhood where it was centered.

Answer: _Harlem Renaissance_

11. It was burned and partly consumed in 391 AD. In 642 AD, the caliph Omar supposedly seized the city that housed it and used its contents to "heat the baths of the city for six months," since all knowledge necessary to man was contained in the Koran. Among its earliest librarians were Callimachus and Apollonius of Rhodes. FTP, what is this famous library?

Answer: _Library of Alexandria_

12. The son and grandson of Congregationalist missionaries, he was born in Honolulu in 1875. After receiving a doctorate at Harvard, he taught at Yale from 1907-23, during which time he made several expeditions to South America to study Inca ruins. FTP, name this archaeologist who, in 1911 and 1912, discovered the Inca cities of Vitcos and Machu Picchu.

Answer: Hiram _Bingham_

13. Jonathon Demme's first film since the 1993 release "Philadelphia" opens on October 16, 1998. Set in rural Ohio in 1873, the film centers on an ex-slave named Sethe who struggles to feed her children. FTP, name this movie, based on the 1988 Pulitzer Prize winning novel by Toni Morrison, starring Oprah Winfrey and Danny Glover.

Answer: _Beloved_

14. These devices have two quite dissimilar uses based on the same four-bar parallel linkage. One device is used to generate geometrically similar figures, larger or smaller than the original figure, by tracing. The other device is used on rail cars that run on electricity from an overhead wire to keep a current collector bar or wheel in contact with the wire. FTP, what common name do these devices share?

Answer: _pantograph_

15. In what is known as his "immaterialist hypothesis," he denied the existence of matter. He maintained that material objects are ideas in our minds and nothing exists unless it perceives or is perceived. From 1728 to 1732, he lived in Rhode Island, while awaiting funds from Parliament to establish a missionary college in Bermuda. FTP, who was this philosopher and author of _Treatise Concerning the Principles of Human Knowledge_?

Answer: George _Berkeley_

16. The title character is a middle-aged pawnbroker whose wife, Dame Lisa, is abducted by the Devil. In his search for her, he encounters Dorothy la Desiree, who grants him 1 day of youth. With this newfound youth, he has love affairs with legendary women such as Guinevere and the Lady of the Lake. FTP, what is this novel, subtitled _A Comedy of Justice_, by James Branch Cabell?

Answer: _Jurgen_

17. He wrote _Discourse of a Discoverie for a New Passage to Cataia_, in which he urged exploration for the discovery of a Northwest Passage. In 1583, he established the first British colony in North America at St. John's, Newfoundland, but on the return trip he went down with the ship. FTP, who was this half brother of Sir Walter Raleigh?

Answer: Sir Humphrey _Gilbert_

18. It is the name of a ballet danced to Bernstein's Second Symphony. It is also the name of a long poem by W.H. Auden, published in 1947, that concerns 3 sullen men and a sullen woman who meet in a New York bar. FTP, what is this phrase that has frequently been used to describe the mid-20th century?

Answer: _The Age of Anxiety_

19. The passengers involved in this space mission traveled further away from the earth than any other humans. Their lunar module was called Aquarius and appropriately enough, their command module was named Odyssey. FTP, what was this mission of April 11-17, 1970 with astronauts James Lovell, Jr., Fred Haise, Jr., and John L. Swigert, Jr.?

Answer: _Apollo 13_

20. It was originally the church of St. Genevieve, built by Louis XV and finished in 1790. Soon after that, the Convention gave it its present name and set it apart as the shrine of those Frenchmen whom their country wished to honor. FTP, what is this structure in Paris, which was named after a similar structure in Rome?

Answer: Pantheon

21. First proposed in 1923, it was approved by both the House and Senate but failed ratification by the states, largely through the efforts of Phyllis Schlafly. Its most recent form declared, "Equality of rights under the law shall not be denied or abridged by the United States or any State on account of sex." FTP, what was this proposed amendment, probably the most widely debated feminist issue of the 1970s?

Answer: ERA or Equal Rights Amendment

22. He was raised by his uncle, Lucas Watzelrode, who later became the bishop of Ermland in 1489. After studying at the University of Krakow, he was elected canon of Frauenburg, where he also practiced medicine. FTP, who was this author of Commentariolus and De revolutionibus orbium coelestium, in which he outlined his ideas concerning the universe?

Answer: Copernicus

23. With the aid of a green cap and a magic diamond, Tyltyl and Mytyl are sent by the old Fairy Berylune to find this title animal. After a long and exhaustive search, they discover that the animal is actually their pet dove. FTP, name this drama by Maurice Maeterlinck.

Answer: The Blue Bird or L'Oiseau bleu

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1. FTP each, answer these questions about Greek mythology.

- a. Homer mentions one, Hesiod two and other sources claim three, named Ocypeta (rapid), Celeno (blackness) and Aello (storm). What are these predacious creatures, the daughters of the Titaness Electra and sisters of Iris?

Answer: Harpies

- b. The harpies regularly snatched away (or defiled with their stench) the food of which blind king?

Answer: Phineus

- c. The harpies were finally frightened away by the Argonauts Calais and Zetes, the winged sons of the god of the north wind. By what name was the north wind known?

Answer: Boreas

2. In 1872, the United States was awarded \$15.5 million for the direct damage caused by three Confederate cruisers built in Britain. FTP each, answer these questions.

- a. Two of these were the Florida and the Shenandoah. What was the third ship, which lent its name to the claims against Britain and was credited with sinking over \$6 million in U.S. shipping during the Civil War?

Answer: Alabama

- b. Who commanded the Alabama?

Answer: Raphael Semmes

- c. Which union ship sank the Alabama off the coast of France on June 19, 1864?

Answer: USS Kearsarge

3. Identify the author of the following works 30-20-10:

- (30) All Over and The Sandbox
(20) Three Tall Women and The Death of Bessie Smith
(10) A Delicate Balance and The Zoo Story

Answer: Edward Albee

4. In September 1998, Helmut Kohl was ousted after 16 years as chancellor of Germany.

- a. FTP, what party, headed by Kohl, lost its majority in this election?

Answer: Christian Democratic Party or Christian Democrats or CPD

- b. Who succeeded Kohl as German chancellor?

Answer: Gerhard Schroder

c. Which party, headed by Schroder, will form the German government with the support of the Greens?

Answer: _Social Democratic_ Party or _Social Democrats_ or _SPD_

5. Crude oils and petroleum products can be classified according to the percentage of various hydrocarbon types. A typical classification is passed on PONA analysis.

a. "P" compounds are also known as alkanes, but their original name came from their wax-like nature. For 5 points, what does P stand for?

Answer: _paraffins_

b. "O" compounds are usually absent in crude oils, but are created during thermal or catalytic cracking. For 5 points, what are these unsaturated hydrocarbons?

Answer: _olefins_

c. "N" compounds are cyclic alkanes. For 5 points, what does N represent?

Answer: _napthenes_

d. "A" compounds have one or more benzene rings. For 5 points, what does the A stand for?

Answer: _aromatics_

e. In addition to PONA, petroleum can be classified as sweet or sour. Sour crudes have a high percentage of this element, which can form foul-smelling and poisonous compounds such as mercaptans. FTP, name this element whose content is regulated in gasoline and most diesel fuels.

Answer: _sulfur_

6. FTP each, answer the following about dams.

a. The largest concrete dam in the world, it spans the Columbia River.

Answer: _Grand Coulee_ Dam

b. Hoover Dam created this largest artificial reservoir in the United States on the Nevada-Arizona border.

Answer: Lake _Mead_

c. The Grande Dixence Dam is the tallest concrete dam in the world at 935 feet tall. What country is it in?

Answer: _Switzerland_ (it's on the Dixence river)

7. Name each poem from the clues, 10 points from a quotation or 5 if you also need the poet.

(10) "For thy sweet love remembered such wealth brings
That then I scorn to change my state with kings."

(5) William Shakespeare

Answer: _Sonnet XXIX_ or _"When, in Disgrace with Fortune and Men's Eyes"_

(10) "What immortal hand or eye
Dare frame thy fearful symmetry"
(5) William Blake

Answer: _"The Tiger"_

(10) "Things fall apart; the center cannot hold;
Mere anarchy is loosed upon the world"
(5) William Butler Yeats

Answer: _"The Second Coming"_

8. FDR was the only president elected to 4 consecutive terms: 1932, 1936, 1940, and 1944. For 5 points each and an additional 10 points for the correct order (earliest to latest), name the Republican presidential candidates he defeated in those elections.

Answer (in order): Herbert _Hoover_, Alf _Landon_, Wendell _Wilkie_,
Thomas _Dewey_

9. Identify the following Immanuel Kant works, FTP each.

a. This 1790 work contains Kant's aesthetic philosophy. In it, Kant proposes that the representation of a thing in art constitutes a partial understanding of the "thing in itself."

Answer: _Critique of Judgement_

b. In this work, Kant put forth his categorical imperative: "Act only on that maxim whereby you can at the same time will that it should become a universal law."

Answer: _Critique of Practical Reason_

c. Written in just six months, this work was published in 2 editions, the first in 1781 and the second in 1787. In it, Kant attempted to define the possibility and limits of our knowledge.

Answer: _Critique of Pure Reason_

10. FTP each, identify these eponymous effects in Physics.

a. This effect, theoretically predicted by its namesake in 1962, concerns the passage of paired electrons through a thin insulating barrier between superconductors and is the basis of a device that is the fastest known switch.

Answer: _Josephson_

b. This effect, the opposite of the Peltier effect, is the setting up of a current when two dissimilar metals are joined at two points that differ in temperature.

Answer: _Seebeck_

c. This effect is named for two pioneers in thermodynamics. It occurs when a compressed gas undergoes adiabatic throttled expansion, which usually causes a decrease in temperature and forms the basis of most refrigeration devices.

Answer: _Joule-Thomson_

11. Identify the following chess players, FTP each:

a. He attained 2815 points on the Elo system in 1993, the highest rating ever.

Answer: Gary _Kasparov_

b. She attained 2675 Elo points in 1996, the highest ever for a woman

Answer: _Judit Polgar_

c. This world Champion from 1921 to 1927 lost only 34 games out of 571.

Answer: Jose Raul _Capablanca_

12. Identify the following about legislative bodies of the world on a 15-5 basis:

(15) This is the oldest legislative body in the world, dating from 930 AD. It was abolished in 1800 but was restored in 1874.

(5) It is the legislative body of Iceland.

Answer: _Althing_

(15) This is the oldest continuously active legislative body in the world, dating from the late 9th century.

(5) It is the legislative body of the Isle of Man.

Answer: _Tynwald_

13. Answer the following questions about the pancreas.

a. The pancreas consists of two major portions. One contains introlobular ducts and the other the Islets of Langerhans. For 5 points each, name these two parts.

Answer: _exocrine_ and _endocrine_

b. The Islets of Langerhans contain two types of cells which each produce a specific hormone. For 5 points each, what are these simplistically named cells?

Answer: _alpha_ or _alpha-2_ and _beta_

c. For 5 points each, which two hormones do the alpha-2 and beta cells produce?

Answer: _glucagon_ or _hyperglycemic factor_ and _insulin_

14. 30-20-10, name this novelist.

(30) His later works, such as _A Personal Matter_ and _The Silent Cry_, reflect his intense and painful experience as the father of a brain-damaged child.

(20) His first novel, _The Catch_, published in 1958, describes the friendship between a Japanese boy and a black American prisoner of war.

(10) He was the second Japanese writer to win the Nobel Prize in Literature, receiving the award in 1994.

Answer: Kenzaburo _Oe_

15. Only one 20th century city is listed as a UNESCO World Cultural Heritage site.

a. FTP, name this planned capital city.

Answer: _Brasilia_

b. Which architect designed most of the modernist buildings in Brasilia and jointly designed the UN Headquarters in New York?

Answer: Oscar _Niemeyer_

c. Niemeyer was influenced by a Swiss-French architect whose career had many parallels to his own. FTP, name this man who was also invited to collaborate on the design of the UN Headquarters, nearly 20 years after his design for the League of Nations Palace was rejected on a technicality, and who designed Chandigarh, the capital of the Punjab.

Answer: _Le Corbusier_ or Charles Edouard _Jeanneret_

16. Identify the following about James II.

a. For 5 points each, identify his father and his brother, whom he succeeded as king of England.

Answer: _Charles I_ (Father), _Charles II_ (brother)

b. Convinced that James would restore Catholicism to England, 7 representatives of the property-owning classes offered the throne of England to James's son-in-law, a Protestant. Identify him for 10 pts.

Answer: _William of Orange_ or _William III_

c. For 10 points, after William of Orange accepted the throne, James attempted to recover the throne but was decisively defeated at this 1690 battle.

Answer: Battle of the _Boyne_

17. FTP each, identify the following about our solar system:

a. In 1966, North America and Eastern Russia witnessed a spectacular outburst of this largest meteor shower, which arrives in mid-November each year and is expected to peak again in 1998 and 1999.

Answer: _Leonids_

b. What is the brightest periodic comet?

Answer: _Halley's_ comet

c. What is the smallest natural satellite in our solar system?

Answer: _Deimos_

18. FTP each, answer these questions about anthropology.

a. This major division of anthropology, in contrast to cultural anthropology, concerns the problems of human evolution, race and somatology, or body build and composition.

Answer: _physical_ anthropology

b. The anthropologist Ashley Montagu wrote a handbook for this technique, which measures the human body in terms of dimensions, proportions and ratios such as the cephalic index.

Answer: _anthropometry_

c. Claude Levi-Strauss used this theory to study kinship systems of different societies, while Ferdinand de Saussure formulated its use in linguistics. What is this theory that uses culturally interconnected signs to reconstruct systems of relationships?

Answer: _structuralism_ (accept _structural_ anthropology)

19. Identify the person 30-20-10.

(30) He served as his nation's ambassador to El Salvador and France, but is better known for his literary work. In 1925 he translated the sacred Mayan text _Popol_ into Spanish.

(20) He attacked Latin-American dictatorships and "Yankee Imperialism" in such works as _El Senor Presidente_, based on the regime of Guatemalan president Manuel Estrada Cabrera.

(10) His other works include _Men of Corn_ and _Strong Wind_. In 1967 he was awarded the Nobel Prize in Literature.

Answer: Miguel _Asturias_

20. Given an alternate title of a Gilbert and Sullivan opera, identify that opera, FTP each.

a. "The Peer and the Peri"

Answer: _Iolanthe_

b. "Castle Adamant"

Answer: _Princess Ida_

c. "The Town of Titipu"

Answer: The _Mikado_

21. FTP each, answer these questions concerning events memorialized in "The Charge of the Light Brigade".

a. The charge occurred at this October 25, 1854 battle of the Crimean War.

Answer: _Balaklava_

b. This British general led the disastrous cavalry charge and had a type of clothing named for him.

Answer: James, 7th earl of _Cardigan_

c. This field marshal gave the order leading to the disastrous charge and died a year later. A type of overcoat is named for him.

Answer: Fitzroy, 1st baron _Raglan_

22. 1998 has been a busy hurricane season. FTP each, identify the three costliest hurricanes in U.S. history (based on 1996 dollars) given the clues:

a. This 1992 hurricane did over \$30 billion in damage to Florida and Louisiana.

Answer: _Andrew_

b. This 1989 hurricane wreaked almost \$8.5 billion in damage to South Carolina.

Answer: _Hugo_

c. This first hurricane of 1972 struck along the northeastern Atlantic coast of the U.S. and did \$7.5 billion in damage.

Answer: _Agnes_

23. Identify the author of the following 30-20-10:

(30) Opus 100; Opus 200; Opus 300

(20) Building Blocks of the Universe; Until the Sun Dies; The Intelligent Man's Guide to Science

(10) Foundation's Edge; The Robots of Dawn

Answer: Isaac _Asimov_