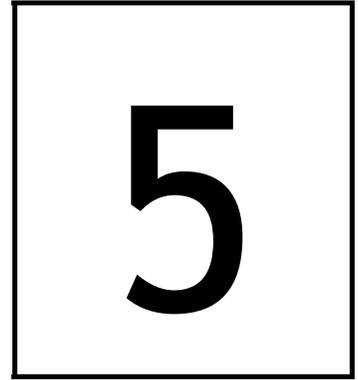


PENN BOWL 11

Boni by Delaware



1 Name these parts of the human brain, for 10 points each.

[10] This part of the brain stem connects the cerebral cortex with the medulla oblongata.

ANSWER: pons

[10] This is the largest of the brain's four lobes.

ANSWER: frontal lobe

[10] This portion of the frontal lobe controls the *production* of fluent speech.

ANSWER: Broca's area [do not prompt on "Wernicke's area"]

2 It is the largest of Japan's Volcano Islands. 10 points per answer.

[10] Name this location of a February 1945 battle.

ANSWER: Iwo Jima

[20] A photograph of Marines planting a flag immortalizes the Battle of Iwo Jima. Name the mountain where this flag was placed, and the photographer who took the picture.

ANSWER: Mount Suribachi; Joseph "Joe" Rosenthal

3 They contain a resistor, a capacitor, and an inductor. 10 points each.

[10] Give the three-letter abbreviation for such circuits.

ANSWER: RLC circuits

[10] In this type of circuit, alpha, the Neper [NEH-pur] frequency is less than the resonant frequency, ω_0 [omega sub zero].

ANSWER: overdamped circuit

[10] The graph of voltage versus time for an underdamped circuit has what shape?

ANSWER: sinusoidal or dampened harmonic

4 Name these British authors whose birthdays are celebrated today, 10 points each.

[10] It's this Scot's 243rd birthday. His poetic lines include "Oh my love's like a red, red rose, that's newly sprung in June.

ANSWER: Robert (Rabbie) Burns

[10] This author of *The Razor's Edge* was born 127 years ago in Paris.

ANSWER: W(illiam) Somerset Maugham

[10] Born 120 years ago, in 1941, stressed after completing *Between the Acts* in 1941, she drowned herself in the River Ouse.

ANSWER: (Adeline) Virginia Woolf (*née* Stephen)

5 Name these works by Christopher Marlowe, 10 points each.

[10] Barabbas murders many and dies oddly, falling into a hot cauldron.

ANSWER: *The Jew of Malta*

[10] Thomas Nashe finished its opening scene, with Ganymede on Jupiter's knee.

ANSWER: *The Tragedy of Dido, Queen of Carthage*

[10] This epic 1598 poem tells of a pair of star-crossed lovers, one of whom is an excellent swimmer.

ANSWER: "Hero and Leander"

6 Name these Roman historians, 10 points each.

[10] This son-in-law of Agricola wrote the *Annals*.

ANSWER: Cornelius Tacitus

[10] Once Hadrian's private secretary, he wrote *Concerning the Lives of the Caesars* and *Concerning Illustrious Men*.

ANSWER: Caius Suetonius Tranquillus [soo-uh-TOH-nee-us]

[10] This court historian of Valens, who wrote *A Brief History of Rome*, shares his name with the first eunuch ever appointed consul.

ANSWER: Flavius Eutropius

7 Name these baseball players who have the same names, 10 points each.

[10] One had an 8-19 record for San Diego, while the other, a former Met, spent time with three of their affiliates.

ANSWER: Bobby Jones

[10] One spent his third season as a White Sox catcher, while the other primarily pinch hits for the Mets.

ANSWER: Mark Johnson

[10] One spent his second season with the Brewers after being an infielder for the Padres and Mets. The other made his major league debut with Toronto.

ANSWER: Luis Lopez

8 Name these 18th century ministers, 15 points each.

[15] He once stated, "The God that holds you over the pit of hell, much as one holds a spider or some loathsome insect over a fire, abhors you, and is dreadfully provoked."

ANSWER: Jonathan Edwards [prompt on "Sinners in the Hands of an Angry God"]

[15] Even Benjamin Franklin was moved by this revivalist, a leader of the Calvinistic Methodist Church, who disagreed with John Wesley over predestination.

ANSWER: George Whitefield

9 30-20-10. Name the musician from albums.

[30] 2:00 AM *Paradise Café* and *Showstoppers*

[20] *Here at the Mayflower* and *Swing Street, Live on Broadway*

[10] *If I Should Love Again* and *Even Now, Trying to Get That Feeling*, and the song "Copacabana"

ANSWER: Barry Manilow or Barry Alan Pincus

10 Many contain phycoerythrin, which captures light at great depths. 10 points each.

[10] Name this phylum of algae, which includes the palmaria and polysiphonia, the commercial sources of carageenan and gel agar.

ANSWER: red algae or Rhodophyta

[10] In the five-kingdom system, red algae belong to what kingdom?

ANSWER: Protista or protist(s)

[10] Carageenan is specifically obtained from this moss, named for a country.

ANSWER: Irish moss or Chondrus crispus

11 Given the subtitle of a book by Randy Shilts, give the title, 10 points each.

[10] "The Life and Times of Harvey Milk"

ANSWER: The Mayor of Castro Street

[10] "Gays and Lesbians in the US Military"

ANSWER: Conduct Unbecoming

[10] "Politics, People, and the AIDS Epidemic"

ANSWER: And the Band Played On

12 Given a compound, state whether it contains chlorine, fluorine, both, or neither, 10 points each.

[10] Freon-12 ANSWER: both

[10] Codeine ANSWER: neither

[10] Prozac ANSWER: fluorine [*fluoxetine*]

13 Name these game shows hosted by Dick Clark, 10 points each.

[10] This show's bonus round required giving *nondescriptive* lists for six categories in 60 seconds.

ANSWER: *The \$25,000 Pyramid* or *The \$100,000 Pyramid*

[10] Adapted from the UK, Clark hosted this short-lived 2000 show on CBS, in which one lucky contestant faced the "Wonderwall" for a chance at one million dollars.

ANSWER: *Winning Lines*

[10] This early 1990s show, a revival of *The Who, What, and Where Game*, emphasized current events and started with a 60-second "Sprint."

ANSWER: *The Challengers*

14 Name these musical terms, 10 points each.

[10] This five-letter word describes a chord built on the first note of a scale.

ANSWER: tonic

[10] Moving from a dominant chord to a tonic is a "perfect" form of this progression of notes indicating the end of a section or work.

ANSWER: cadence or cadency or cadenza

[10] From the French for "word," the Franconian is one form of this type of work that often used a standard cadence form in the 1200s.

ANSWER: motet

15 Admired for translating Aristotle into Latin, his enemies conspired to have him executed. 10 points each.

[10] Name this sixth-century philosopher, who wrote "For in every ill-turn of fortune the most unhappy sort of misfortune is to have been happy."

ANSWER: Boethius Anicius Manlius Severinus

[10] While imprisoned, Boethius wrote this masterpiece referring to comfort or solace.

ANSWER: *The Consolation of Philosophy* or *Consolatio Philosophiae*

[10] Boethius's philosophy resembles this philosophy of Seneca and Marcus Aurelius.

ANSWER: Stoicism

16 In 1952, he employed the first air lift used in an underwater excavation. 10 points each.

[10] Name this Frenchman exploring a Roman wreck off the coast of Marseilles.

ANSWER: Jacques(-Yves) Cousteau

[10] In 1956 and 1964, Cousteau won Oscars for his documentaries. Name either.

ANSWER: *The Silent World* or *Le monde de silence* or *World Without Sun* or *Le monde sans soleil*

[10] Cousteau's last documentary was on this "Stairway to the Sea."

ANSWER: St. Lawrence Seaway

17 Given an event from Mexican history, name the month in which it occurred, 10 points each.

[10] Miguel Hidalgo y Costilla's [koh-STEE-yah] 1810 proclamation of independence, also called the "cry of Dolores"

ANSWER: September 16

[10] The birthday of Benito Pablo Juárez [HWAH-rez]

ANSWER: March 21

[10] The Battle of Puebla

ANSWER: May 5 [accept Cinco de Mayo]

18 In September 2001, a new US Representative to the UN was sworn in. 15 points each.

[15] Name this man.

ANSWER: John D. Negroponte

[15] Negroponte's appointment was controversial, because he may have helped the Nicaraguan *contras* during his 1981 to 1985 term as US Ambassador to what nation?

ANSWER: Honduras

19 Name these movies due in 2002, 10 points each.

[10] This prequel to *The Mummy* will feature Dwayne Johnson in the title role.

ANSWER: *The Scorpion King*

[10] The entire Romulan Senate will be murdered in this movie, aka *Star Trek 10*.

ANSWER: *Star Trek: Nemesis*

[10] The 2.0 [two-point-oh] sequel of this Steven Lisenberg film is set 20 years after the original. A hacker will transport himself into cyberspace.

ANSWER: Tron (2.0)

20 This religion's first written record is the *Kojiki*, or records of ancient matters, completed in AD 712.

[5] Name this religion of Japan.

ANSWER: Shintoism

[10] This name is given to the decorative portal used to enter Shinto temples.

ANSWER: torii

[15] Junichiro Koizumi visited this shrine dedicated to Japan's war dead, angering its Asian neighbors.

ANSWER: Yasukuni Jinja Shrine

21 These March 1802 accords brought a respite to the Napoleonic wars. 15 points each.

[15] Name this Peace broken by the British just one year later.

ANSWER: Peace or Treaty of Amiens [AH-mee-enz]

[15] In 1802, Napoleon also sent troops to Hispaniola to subdue this man.

ANSWER: Toussaint L'Ouverture [loo-vare-TOOR] François Dominique

22 Pulsating with a period of one hour to several weeks, Fabricius discovered the first one, Mira, in 1596. 10 points each.

[10] Name these stars of variable intensity.

ANSWER: Cepheid [SEH-fay-id] variables

[10] What astronomer used Cepheid variables to calculate distances between galaxies in an attempt to measure the age of the Universe?

ANSWER: Edwin Hubble

[10] Hubble's original, erroneous value for the age of the Universe was, rounded to the nearest billion, how many years?

ANSWER: 2 billion years

23 Abraham Lincoln defeated three major opponents in the 1860 Presidential election. Given the party, name the candidate, 10 points each. Answers will be given at the end of the bonus.

[10] Northern Democrats

ANSWER: Stephen Arnold Douglas

[10] Southern Democrats

ANSWER: John Cabell Breckinridge

[10] Constitutional Union

ANSWER: John Bell

24 He killed his brother for jumping over a defense of Palatine hill. 10 points each.

[10] Name this legendary first king of Rome.

ANSWER: Romulus

[10] This shepherd discovered Romulus and Remus being nursed by a she-wolf.

ANSWER: Faustulus

[10] This god fathered Romulus with Rhea Silvia.

ANSWER: Mars

25 Name these Salvador Dalí works, 15 points each.

[15] On the left is a dog; in the center, a face-like object is supported by stick-like pitchforks. The face is elongated in the back, and its eyes are closed.

ANSWER: Sleep

[15] Our Lady of Fatima appears on the right, while more prominent are several pitchforks pointing towards the center of a red-dominated lower left.

ANSWER: Vision of Hell

26 Alex Haley's *Roots* begins with the birth of Kunta Kinte in West Africa. 10 points each.

[10] Within one, how many generations of Haley's family does the novel chronicle?

ANSWER: 6 to 8 [7]

[10] The third generation of the legacy is this accomplished gamecock trainer, the son of Kizzy.

ANSWER: Chicken George

[10] Haley chronicles his travels to this West African country to learn the history of the Kinte family.

ANSWER: The Gambia

27 Given a phrase, name the *specific* Article or Amendment of the US Constitution that so states, 10 points each.

[10] "The ratification of the conventions of nine States shall be sufficient for the establishment of this Constitution."

ANSWER: Article VII [7]

[10] "The terms of the President and Vice-President shall end at noon on the 20th day of January".

ANSWER: Amendment XX [20]

[10] "Full faith and credit shall be given in each State to the public acts, records, and judicial proceeding of every other State."

ANSWER: Article IV [4]

28 Given an African country and a river, name the country to its south that shares the river as part of their common border, 10 points each.

[10] Ravuma River, Tanzania

ANSWER: Mozambique

[10] Orange, Namibia

ANSWER: South Africa

[10] Mbomou, Central African Republic

ANSWER: Democratic Republic of the Congo [accept Zaire]