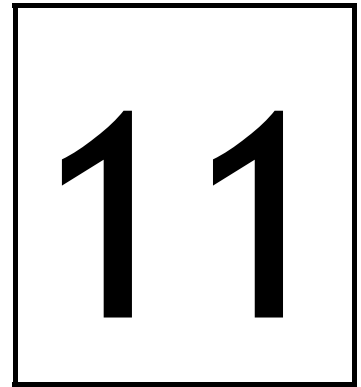


PENN BOWL 11

Boni by Maryland & Rochester



1 Name these men who didn't need codpieces, 10 points each.

[10] This scholastic philosopher who had his teachings condemned by St. Bernard was castrated by Canon Fulbert of Notre Dame.

ANSWER: Peter Abelard or Pierre Abélard or Petrus Abaelardus

[10] Nicknamed the "Hammer of the Goths," he bribed the Blues to end the Nika revolts, defeated Totila, and became prefect of Italy.

ANSWER: Narses [do not accept "Narseh"]

[10] This Ming "Grand admiral" reached Somalia on his sixth voyage, and needed massive warehouses in Malacca to sort through his treasure.

ANSWER: Zheng He or Cheng He

2 Name these vectors from electricity and magnetism, 15 points each.

[15] The magnitude of this vector equals the product of two electric charges times their distance. It can be used to describe bond polarity, and points towards the positive charge.

ANSWER: electric dipole moment

[15] Denoted S , this vector is the cross product of the electric field E and the magnetic field B divided by the permeability constant.

ANSWER: Poynting vector

3 Name these calculus theorems, 15 points each.

[15] This theorem states that the line integral of the sum of two functions f and g of x and y is equivalent to the double integral of the difference of certain partial derivatives of f and g .

ANSWER: Green's Theorem

[15] This higher-order version of Green's theorem states that the line integral of a vector-valued function F equals the double integral over the surface of the dot product of the curl of F and the normal vector n .

ANSWER: Stokes' theorem

4 Name these African authors from works, 15 points each.

[15] *A Dance of the Forests, Death and the King's Horsemen, The Lion and the Jewel.*

ANSWER: Wole Soyinka

[15] *The Lying Days, The Conservationist, July's People.*

ANSWER: Nadine Gordimer

5 Name these gaps, 10 points each.

[10] This division, named for a 17th century astronomer, lies between Saturn's A and B rings.

ANSWER: Cassini division

[10] This 200-mile-wide gap, whose discoverer is also the namesake of a short-period comet, divides material within Saturn's A ring.

ANSWER: Encke division

[10] These radial gaps in the asteroid belt are caused by resonance with Jupiter's gravitational field.

ANSWER: Kirkwood gaps

6 Name these figures from Mexican history, 10 points each.

[10] This priest began the movement for independence with his *Grito de Dolores* in 1810.

ANSWER: Father Miguel Hidalgo y Castillo

[10] The French set this Hapsburg prince up as a dictator from 1864 to 1867.

ANSWER: Maximilian

[10] He led a successful revolt against Benito Juarez in 1876 and led Mexico until 1911, except for a small break from 1880 to 1884.

ANSWER: Porfirio Diaz

7 Given a WNBA team's leading scorer in 2001, name the team, 10 points each.

[10] Lauren Jackson ANSWER: Seattle or Seattle Storm

[10] Jackie Stiles ANSWER: Portland or Portland Fire

[10] Nykesha [nye-KEE-shah] Sales ANSWER: Orlando or Orlando Miracle

8 Name these epithets from American history, 10 points each.

[10] This was the Southern term for Northerners who went south, running for office as Republicans during Reconstruction. It's also been used on Hillary Clinton.

ANSWER: Carpetbagger(s)

[10] These white Southerners, often Republicans, cooperated with blacks and Northerners to implement Reconstruction.

ANSWER: Scalawag(s)

[10] These independent Republicans abandoned Blaine in the 1884 election, backing Grover Cleveland.

ANSWER: Mugwump(s)

9 Name these people involved in the First Crusade, 10 points each.

[10] After leading one of the first contingents across the Bosphorus, this itinerant preacher eventually died a pauper.

ANSWER: Peter the Hermit or Pierre l'Ermite

[10] This French Duke, one of Christianity's Seven Worthies, became Jerusalem's first king.

ANSWER: Godfrey of Bouillon (or Boulogne) or Godefroi de Bouillon or Godfrey IV

[10] Alexius II of this dynasty sent the plea for help that led to the First Crusade; the Fourth Crusade removed them from power.

ANSWER: Alexius II Comnenus

10 30-20-10. Name the game.

[30] It was invented in 1943 by Anthony Pratt, a solicitor's clerk.

[20] Players in the large corner spaces may travel to the corner diagonally opposite, but otherwise, cannot move diagonally or jump spaces.

[10] The game features nine rooms, six weapons, and six suspects, any of whom could have killed Mr. Boddy.

ANSWER: Clue or Cluedo

11 Given the name of a vitamin, give its letter designation, 10 points each.

[10] retinol [reh-tih-NOHL] ANSWER: vitamin A

[10] phylloquinone [fih-loh-KWY-nohn] ANSWER: vitamin K

[10] α -tocopherol [alpha tuh-KAH-fuh-rol] ANSWER: vitamin E

12 Name these wide receivers for the San Francisco 49ers, 10 points each.

[10] Number 80, he has more touchdowns than any player in NFL history.

ANSWER: Jerry Rice

[10] Number 81, he made the Pro Bowl in 2001, and is one of this season's leading receivers.

ANSWER: Terrell Owens

[10] Number 87, he made "The Catch" that got the 49ers into their first Super Bowl. He later worked in the front office in San Francisco and Cleveland.

ANSWER: Dwight Clark

13 Name these American folk tale figures, 10 points each.

[10] This huge dude is best remembered for digging the Grand Canyon and owning a big blue ox named Babe.

ANSWER: Paul Bunyan

[10] The love of Slue-footed Sue, coyotes raised this legendary cowboy after he fell from his parents' wagon.

ANSWER: Pecos Bill

[10] He named himself owner of the Eel River, which he discovered with his sister Molly. This West Virginian had two oxen, Hannibal and Goliath; he chopped trees down two at a time.

ANSWER: Tony Beaver

14 Avast, mateys! Name these parts of a sailing ship, 10 points each.

[10] All the various lines and chains used aboard a ship, especially those around the sails.

ANSWER: rigging

[10] Often used as weapons during mutinies, these clublike objects were officially used to secure ropes and lines.

ANSWER: belaying pins

[10] This oft-abbreviated term could refer to the forward section of the upper deck *or* the crew quarters.

ANSWER: forecastle or fo'c'sle

15 Africa's lowest point may not be what cartographers thought it was. 10 points each.

[10] This basin in the Libyan desert was once thought to be the lowest point in Africa.

ANSWER: Qattara [KAH-tuh-ruh] Depression or Munkhafad al-Qattarah

[10] The Qattara Depression is located in this country.

ANSWER: Egypt

[10] The lowest point in Africa may actually be Lake Assal in this nation.

ANSWER: Djibouti

16 Musical plagiarism is not uncommon. 10 points each.

[10] Borodin's *Polovtsian Dances* were unashamedly plagiarized by this musical.

ANSWER: Kismet

[10] Andrew Lloyd Webber "borrowed" the theme from this work for the *Cats* song "Memory."

ANSWER: Boléro

[10] "We Are the World" borrows much of its theme from this Christmas song.

ANSWER: "Do You Hear What I Hear?"

17 30-20-10-5. Name the artist from works.

[30] *Holiday, When Shall We Be Married?*

[20] *The Vision After the Sermon, The Yellow Christ*

[10] *Where Do We Come From? What are We? Where are We Going?*

[5] *The Tahitian*

ANSWER: (Eugène-Henri-)Paul Gauguin

18 How well do you know your African insect gods? 10 points each.

[10] In some myths, the Egyptian god Khepera [khuh-PEH-ruh] created the world with the help of the water god Nu. Khepera took this form.

ANSWER: scarab or beetle

[10] Though his title of “Lord of the Flies” may be a mistranslation, this Philistine deity was worshipped at Ekron.

ANSWER: Beelzebub or Baalzebul or Baalzebub [do not prompt on “Baal”]

[10] OK, he’s an arthropod, not an insect, but this Ashanti spider-god is a trickster god like Loki.

ANSWER: Anansi

19 Name these artificial languages, 10 points each.

[10] This language’s 16 grammatical rules and 28-letter alphabet were invented by L.L. Zamenhof.

ANSWER: Esperanto

[10] This descendant of Esperanto was invented in 1907.

ANSWER: Ido

[10] This complicated language invented by Jean-François Sudre in 1820 can be whistled, sung, or played on an instrument. Its name comes from two syllables in the solfege scale.

ANSWER: Solresol [sole-RAY-sole]

20 Answer these questions about branches of chemistry, 10 points each.

[10] Zymurgy is the study of what process?

ANSWER: fermentation

[10] What 13-letter name is given to the analysis and calculation of the quantities of reactants and products in a chemical reaction?

ANSWER: stoichiometry

[10] What branch of chemistry deals with compounds containing ligand-bound metal ions?

ANSWER: coordination chemistry

21 Name these linguistic laws, 15 points each.

[15] This 1827 law explained the shifts in consonant sounds from Indo-European to German, such as how aspirated *b* became *p* and how aspirated *g* became *k*.

ANSWER: Grimm’s law

[15] This 1875 law established that Grimm’s law was consistent and could account for all cognate evolution.

ANSWER: Verner’s law

22 Name these people for great justice and 10 points each.

[10] This king ruled Albania from 1926 to 1946.

ANSWER: King Zog I

[10] This Slovak now plays for the Kings after spending his first six seasons in the NHL with the Islanders.

ANSWER: Zigmund "Ziggy" Palfy

[10] This Swiss canton, a center of international business because of its low taxes,

ANSWER: Zug [zoog]

23 Spencer Tracy won Academy Awards for Best Actor for *Captains Courageous* and *Boys Town*. He was nominated for Best Actor for *seven* other movies. Name any *three* of those seven films, 10 points each. *You have 10 seconds.*

ANSWER: *Bad Day at Black Rock*

Father of the Bride

Guess Who's Coming to Dinner?

Inherit the Wind

Judgment at Nuremberg

The Old Man and the Sea

San Francisco

24 It contains many groups of hexagonal galleries, each containing 20 bookshelves. In it one can find every book ever written—and every one ever *not* written. 15 points each.

[15] Name this title location of a short story.

ANSWER: "The Library of Babel"

[15] Name the Latin American author of "The Library of Babel."

ANSWER: Jorge Luis Borges [bore-HAYS]

25 A hedonistic government named ONAN is trying to track down an underground videotape. 10 points each.

[10] Name this novel centered around drug-addicted tennis star Hal Incandenza.

ANSWER: *Infinite Jest*

[10] Who wrote *Infinite Jest*?

ANSWER: David Foster Wallace

[10] In this novel, Wallace's first, a girl dumps her short boyfriend for a better-endowed Amherst grad. It also features weird telephone mixups and baby-enhancing formula.

ANSWER: *The* *Broom of the System*

26 30-20-10. Name the author from works.

[30] *A Tangled Web, The Blue Castle*

[20] *Emily of New Moon, Pat of Silver Bush*

[10] *The Story Girl, The Golden Road*

ANSWER: Lucy Maud Montgomery

27 Name these islands from *Gulliver's Travels*, 10 points each. [HN: accept adjectival forms]

[10] All of this island's inhabitants stand about 60 feet tall.

ANSWER: Brobdingnag

[10] This island houses sorcerers and magicians who can call people back from the dead for 24 hours.

ANSWER: Glubdubdrib

[10] On this island, everyone's head is reclined to either the left or right. Their clothes are covered with suns, moons, stars, and musical instruments.

ANSWER: Laputa

28 Located in Alabama, this school was founded in 1880 to train black teachers. 10 points each.

[10] Name this historically Black school.

ANSWER: Tuskegee Institute or University

[10] Tuskegee's founder and first president was this author of *Up from Slavery*.

ANSWER: Booker T(aliaferro) Washington

[10] Tuskegee's third president was this man, the founder of the United Negro College Fund.

ANSWER: Frederick Patterson