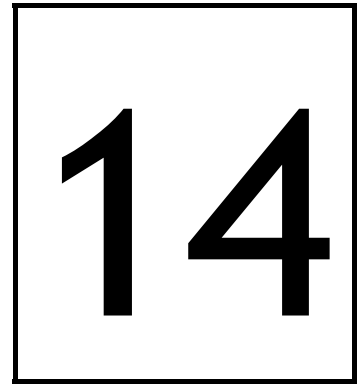


PENN BOWL 11

Boni by
**Cornell &
Florida**



1 Given similar lyrics, name the song and the performer, 10 for one, 15 for both.

[15] “And I feel/Like I just got home/And I feel.../And I feel /Like I just got home/And I feel...”

ANSWER: Ray of Light by Madonna

[15] “And I feel/Like I’m slowly, slowly, slowly slipping under/And I feel/Like I’m holding onto nothing...”

ANSWER: Lemon by U2

2 Name these biologists who published erroneous theories, 10 points each.

[10] In 1801, this Frenchman published a theory of inheritance of acquired traits.

ANSWER: Jean Baptiste Pierre Antoine de Monet, Chevalier de Lamarck

[10] In the 1780s, this Italian claimed that “animal electricity” explained how a brass hook and an iron rod caused a frog’s muscles to contract.

ANSWER: Luigi Galvani

[10] In 1745, this English clergyman claimed he had observed spontaneous generation when he boiled chicken broth, sealed it in a flask, and later observed the growth of microorganisms.

ANSWER: John Needham

3 Name these Polish composers, 10 points each.

[10] Born in 1810, he spent most of his career in Paris; he is known for his dozens of *Preludes*, *Mazurkas*, and *Études*.

ANSWER: Frédéric François Chopin or Fryderyk Franciszek Szopen

[10] He composed the opera *Manru*, the *Minuet in G*, and the *Polonia* Symphony, but is better known for being the first prime minister of the Polish republic.

ANSWER: Ignacy Jan Paderewski [pah-duh-REV-skee]

[10] His works include *Three Pieces in the Old Style*, and his *Third Symphony*, also called *Symphony of Sorrowful Songs*.

ANSWER: Henryk Mikolaj Gorecki [goh-REH-skee]

9 30-20-10. Name the historical figure.

[30] The marriage of his sister Anna to Vladimir of Kiev in 989 prompted the Kievan Rus' [roos] to adopt Christianity.

[20] Defeating both Georgia and Armenia in the east, he had recaptured Sicily and was planning to attack Southern Italy at his death in 1025.

[10] In 1014, he totally blinded 99 out of 100 men, and let a one-eyed man lead them back to Ochrida. After this defeat, Byzantium reincorporated Tsar Samuel's Bulgaria.

ANSWER: Basil II or Basil the Bulgar Slayer or Basil Bulgaroctonus

10 *Pencil and paper ready.* Given three Napoleonic battles, place them in chronological order, 15 points per part, all or nothing.

[15] (A) Borodino, (B) Jena [YAY-nuh], (C) Waterloo

ANSWER: (B), (A), (C)

[15] (D) Eylau [EYE-low], (E) Jena, (F) Leipzig

ANSWER: (E), (D), (F)

11 Answer these questions on monsters from the *Harry Potter* series, 10 points each.

[10] What hissing creature slithers through the pipes in *The Chamber of Secrets*?

ANSWER: Basilisk [prompt on "snake"]

[10] What three-headed dog guards the trapdoor to the Philosopher's Stone?

ANSWER: Fluffy

[10] Aragog, who lives in the Forbidden Forest, is what kind of animal?

ANSWER: spider

12 Name these poets, from lines for 15, or from the poem, for 10.

[15] "...first having read the book of myths, / and loaded the camera / and checked the edge of the knife blade."

[10] "Diving into the Wreck"

ANSWER: Adrienne Cecile Rich

[15] "Call the rollar of big cigars / the muscular one, and bid him whip / in kitchen cups concupiscent curds."

[10] "The Emperor of Ice Cream"

ANSWER: Wallace Stevens

13 Given a baseball team, name the pitcher who led that team in wins in the 2001 season, for the stated number of points.

- [5] New York Yankees ANSWER: (William) Roger Clemens [20]
 [5] Arizona Diamondbacks ANSWER: Curt(is) Montague Schilling [22]
 [10] Pittsburgh Pirates ANSWER: Todd Ritchie [11]
 [10] Boston Red Sox ANSWER: Hideo Nomo [13]

14 Name these John Keats poems from lines, 10 points each.

- [10] "Much have I travell'd in the realms of gold,/And many goodly states and kingdoms seen."
 ANSWER: "On First Looking into Chapman's Homer"
 [10] "And this is why I sojourn here/Alone and palely loitering,/Though the sedge is wither'd from the lake/And no birds sing."
 ANSWER: "La Belle Dame Sans Merci"
 [10] "Beauty is truth, truth beauty; that is all/Ye know on earth, and all ye need to know."
 ANSWER: "Ode on a Grecian Urn"

15 Name the authors of these mystery novels, 10 points each.

- [10] *I, The Jury*, featuring Mike Hammer
 ANSWER: Frank Morrison "Mickey" Spillane
 [10] *Cotton Comes to Harlem, The Quality of Hurt*
 ANSWER: Chester Bomar Himes
 [10] *Double Indemnity*
 ANSWER: James Mallahan Cain

16 30-20-10. Name the composer from works.

- [30] *Mass for Three Voices and Orchestra*; the oratorio *Mors et Vita*
 [20] The pastoral *The Dove*, the oratorio *The Redemption*, and the opera *Romeo and Juliette*
 [10] The opera *Faust* and the "Funeral March for a Marionette" used by Alfred Hitchcock
 ANSWER: Charles François Gounod [gOO-NO]

17 Name these *male* skiers, 15 points each.

- [15] Before winning golds at Nagano in the Super G and giant slalom, this Austrian clinched the 1998 Overall World Cup title.
 ANSWER: Hermann Maier
 [15] Possibly intimidated by the number of falls, this American was unable to defend the Olympic downhill title he won at Lillehammer, finishing 12th at Nagano.
 ANSWER: Tommy Moe

18 Name the TV series from cast members, 10 points each.

[10] Josh Charles, Peter Krause, and Sabrina Lloyd

ANSWER: Sports Night

[10] John Rhys-Davies, Cleavant Derricks, Jerry O'Connell, and Sabrina Lloyd

ANSWER: Sliders

[10] Roy Dotrice, Gabriel Byrne, . . . and Sabrina Lloyd

ANSWER: Madigan Men

19 In his four hands he carries a conch shell, a discus, a lotus, and a club. 10 points each.

[10] Name this "graceful" elephant-headed Hindu god.

ANSWER: Ganesh or Ganapati

[10] This god cut off Ganesh's head.

ANSWER: Shiva or Siva or Siwa

[10] Ganesh is said to ride on one of these animals, symbolizing the union of big and small.

ANSWER: mouse

20 Name these physical effects, 10 points each.

[10] This is the increase in wavelength of EM radiation when electrons inelastically scatter photons.

ANSWER: Compton effect

[10] In this effect, an atom ejects a secondary electron in the course of filling an inner shell vacancy.

ANSWER: Auger effect

[10] In this effect, passing a current through a circuit where multiple metals are used results in temperature changes at the junctions between different metals.

ANSWER: Peltier effect [do not accept "Seebeck effect"]

21 Answer these questions about angels, 10 points each. Hint: none of the answers are lingerie models or Jessica Alba.

[10] This ancient Persian religion is credited as the first to suggest the existence of angels.

ANSWER: Zoroastrianism

[10] These angels wielded flaming swords to keep Adam and Eve out of Eden. In Ezekiel, they are living chariots for Jehovah, standing beside topaz "wheels within wheels."

ANSWER: Cherubim or cherub(s)

[10] In Islamic tradition, this angel will sound the trumpet on the Day of Judgment.

ANSWER: Izrail [iz-RAH-eel] or Israfil or Israfel [do not accept "Azrael"]

22 In August 1989, it discovered Larissa, Thalassa, and four other moons. 10 points each.

[10] Name this space probe launched in August 1977.

ANSWER: Voyager 2

[10] Around what planet were those six moons discovered?

ANSWER: Neptune

[10] This moon discovered by *Voyager 2* is named for a sea god who served Poseidon, who could change his shape.

ANSWER: Proteus

23 Name these related mathematical theorems, 15 points each.

[15] If p is prime, and p is not a factor of a , then $a^p \text{ mod } p = a \text{ mod } p$ [a to the p is congruent to a , mod p].

ANSWER: Fermat's little theorem

[15] If p is prime, then $(p - 1)! = -1 \text{ (mod } p)$ [the factorial of p minus 1 is congruent to negative 1, mod p].

ANSWER: Wilson's theorem

24 Name these anatomical movements, 10 points each.

[10] This is an inward bending of the body, such as curling one's forearm inward at the elbow.

ANSWER: flexion

[10] This is a movement *away* from the midline of the body; the knee is designed *not* to do this.

ANSWER: abduction

[10] This is an upward rotation of the foot at the ankle.

ANSWER: dorsiflexion or dorsal flexion

25 Name these psychological defense mechanisms, 10 points each. [HN: accept word forms]

[10] The transformation of undesirable impulses into socially approved activities.

ANSWER: sublimation

[10] The ego unconsciously makes unacceptable impulses look acceptable.

ANSWER: reaction formation

[10] The redirection of sexual or aggressive impulses from one person to another, more acceptable or accessible person or object.

ANSWER: displacement [do not accept "projection" or "transference"]

26 Answer these questions about the Myth of Er, 10 points each.

[10] In what book by Plato does the myth appear?

ANSWER: *The Republic or Politeia*

[10] Of the three Fates, which one dispenses the lots of lives to be chosen by the souls?

ANSWER: Lachesis

[10] Before entering their new lives, souls drink from what river of the Underworld?

ANSWER: Lethe [LEH-thee]

27 Name these Andrew Lloyd Webber musicals from songs, 10 points each.

[10] "Tire Tracks and Broken Hearts," "A Kiss Is a Terrible Thing to Waste," "If Only"

ANSWER: *Whistle Down the Wind*

[10] "Think of Me," "All I Ask of You," "Masquerade"

ANSWER: *Phantom of the Opera*

[10] "Love Changes Everything," "Seeing is Believing," "Anything But Lonely"

ANSWER: *Aspects of Love*

28 In the early 1400s, an Italian city held a competition was to select an architect to design the east doors of its cathedral's baptistry. 10 points each.

[10] Name the Italian city.

ANSWER: Florence or Firenze

[10] Who won the competition?

ANSWER: Lorenzo Ghiberti

[10] The subject of the competition was what Biblical event?

ANSWER: the sacrifice of Isaac [accept equivalent answers]