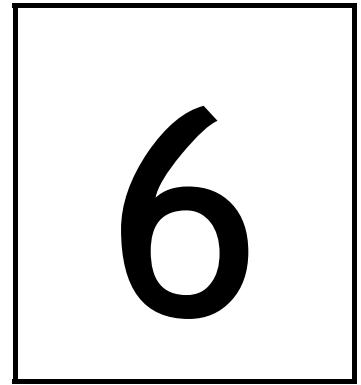


# PENN BOWL 11

## Boni by Case Western Reserve



**1** Name these model organisms, 10 points each.

[10] The O<sub>157</sub>:H7 strain of this model bacterium, found naturally in the human GI tract, causes food poisoning.

ANSWER: *E. coli* or *Escherichia coli*

[10] This simple nematode, whose genome was sequenced in 1998, is used as a multicellular model of development.

ANSWER: *C. elegans* [EH-luh-gahnz] or *Caenorhabditis elegans*

[10] Also called the African clawed frog, it has been used in pregnancy tests for humans and in models of development.

ANSWER: *Xenopus* [ZEE-noh-puss] or *Xenopus laevis*

**2** Given hit songs, name the hair band, 10 points each.

[10] "Lay It Down," "Round and Round," "Lovin' You's a Dirty Job"

ANSWER: Ratt

[10] "Easy Come, Easy Go," "Seventeen," "Headed for a Heartbreak"

ANSWER: Winger

[10] "Heaven," "Down Boys," "Cherry Pie"

ANSWER: Warrant

**3** Name these types of lenses, 10 points each.

[10] Often used in lighthouses, they have a succession of concentric rings, assembled properly on a flat surface to produce a short focal length.

ANSWER: Fresnel [fruh-NEL] lenses

[10] They obtain additional power by fusing a piece of high-index glass on front of the main lens, then polishing a single spherical surface over both.

ANSWER: bifocal lenses

[10] These lenses can be used to invert an image or to extend the length of a system, as in a periscope.

ANSWER: relay lenses

**4** Identify the following from Japanese poetry for the stated number of points.

[5] With a total of 17 syllables, these three-line poems usually contain references to nature.

ANSWER: haiku

[10] This master of the banana hut popularized the haiku and took it to new levels.

ANSWER: Matsuo Basho or Matsuo Munefusa

[15] This elongated haiku appends two lines of seven syllables each for a total of five lines and 31 syllables.

ANSWER: tanka

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

[10] "She took me to her elfin grot,/ And there she gaz'd and sighed deep,/ And there I shut her wild sad eyes—/ So kiss'd to sleep"

ANSWER: "La Belle Dame Sans Merci"

[10] "Thou still unravish'd bride of quietness,/ Thou foster-child of silence and slow time"

ANSWER: "Ode on a Grecian Urn"

[10] "Seem'd taking flight for heaven without a death,/ Past the sweet Virgin's picture, while his prayer he saith"

ANSWER: "The Eve of St. Agnes" or "St. Agnes' Eve"

**6** Answer these questions about a Martian space probe, 10 points each.

[10] Now a Martian satellite, this \$300 million probe was designed to scout for possible landing sites for future missions.

ANSWER: Mars Odyssey

[10] The probe was designed at this NASA research center at Caltech.

ANSWER: Jet Propulsion Laboratory

[10] Odyssey was the final success of this NASA administrator, who retired on November 17.

ANSWER: Dan Goldin

**7** For 10 points each, name these literary devices.

[10] Deliberate exaggeration for emphasis or effect.

ANSWER: hyperbole

[10] A particular form of understatement, is generated by denying the opposite or contrary of the word which otherwise would be used.

ANSWER: litotes [lye-TOE-teez]

[10] An elaborate, usually intellectually ingenious poetic comparison or image, such as an analogy or metaphor in which, say a beloved is compared to a ship

ANSWER: conceit

**8** Its name refers to the battle its ascetic monks fight against passions and bodily senses. 10 points each.

[10] Name this religion.

ANSWER: Jainism

[10] This religious leader, the 24<sup>th</sup> Jina, founded Jainism.

ANSWER: Mahavira [mah-hah-VEE-ruh]

[10] The original, unadulterated teachings of the Jinas, are said to be contained in these 14 texts.

ANSWER: Purvas or Foundation

**9** Name these Arab leaders of the Middle Ages, 10 points each.

[10] This chivalrous warrior, who won the 1187 Battle of Hattin, was Richard Lionheart's main rival during the Third Crusade.

ANSWER: Saladin or Salah-al-Din Yusuf ibn Ayyûb

[10] The fifth Abbasid caliph, he ruled the Islamic empire at its zenith. He may be best known from his appearance in the *Arabian Nights*.

ANSWER: Harun ar-Rashîd [huh-ROON] or Harun al-Rashîd or Harun ar-Rashîd

[10] Fleeing the slaughter of the Umayyad dynasty, this prince arrived in Spain, where he may have defeated armies sent by Charlemagne.

ANSWER: Abd ar-Rahman

**10** Name the glands that secrete these hormones, 10 points each.

[10] aldosterone [al-DAH-stuh-rohn] ANSWER: adrenal or suprarenal gland

[10] melatonin ANSWER: pineal gland or epiphysis

[10] calcitonin ANSWER: thyroid gland

**11** Name these doubly-sponsored Congressional acts, 10 points each.

[10] In this 1864 bill, Radical Republicans and others in Congress tried to set Reconstruction policy before the Civil War ended.

ANSWER: Wade-Davis Bill

[10] This 1878 act provided for a limited resumption of the coinage of silver dollars.

ANSWER: Bland-Allison Act

[10] This 1947 bill, officially the Labor-Management Relations Act, preserved the rights of labor to organize and bargain collectively, and the rights of employees *not* to join unions.

ANSWER: Taft-Hartley Act

**12** Food and violence sometimes go together. 10 points each.

[10] Maggot-infested meat caused a 1905 rebellion aboard this Russian battleship.

ANSWER: Potemkin or Potyomkin

[10] Excessive taxes caused this group of Boston patriots to vandalize a tea shipment.

ANSWER: Sons of Liberty

[10] Muslims thought it was pig grease, Hindus thought it was from cows. Either way, the result was this 1857 rebellion in India.

ANSWER: Sepoy Mutiny or Rebellion

**13** It is a group of legends and tales from the heroic age of the Ulaid [oo-LAYDS] of Northeast Ireland. 10 points each.

[10] Name this cycle of Celtic myths.

ANSWER: Ulster cycle

[10] The chief hero of the Ulster Cycle is this Achilles-like chief knight of the Red Branch.

ANSWER: Cú Chulainn [koo KHOO-layn] or Cuchulain or Cuchulinn

[10] Cú Chulainn killed this warrior, his best friend, in battle.

ANSWER: Ferdiad [fir-DEE-ad]

**14** Name these Russian short stories, 10 points each.

[10] Thieves steal the title object from government clerk Akaky Akakievich. A ghost resembling Akaky is reported to be wandering the city.

ANSWER: "The Overcoat" or "Shinel" by Nikolai Gogol

[10] Hermann, a German, ends up in an insane asylum after losing a game of faro.

ANSWER: "The Queen of Spades" or "Pikovaya dama" by Alexander Pushkin

[10] The title character, a rich 58-year old whose name nobody can recall, heads to Europe for a two-year stay.

ANSWER: "The Gentleman from San Francisco" or "Gospodin iz San-Frantsisko" by Ivan Bunin

**15** Name these C++ variable types, 10 points each.

[10] The most common numeric variable type, its maximum value is 32,768.

ANSWER: int

[10] This type can store larger numbers than *int*, but uses twice the memory.

ANSWER: double

[10] This type can store a single character.

ANSWER: char [kahr or char]

**16** Name these John Cusack movies, 10 points each.

[10] In this 1985 film, Cusack, as lovelorn teenager Lane Myer, defeats the captain of the ski team in the final scene and walks off triumphantly with exchange student Monique.

ANSWER: *Better Off Dead*

[10] In this madcap portrayal of William Lightbody's stay at the health farm run by Dr. John Kellogg, Cusack plays Charles Ossining.

ANSWER: *The Road to Wellville*

[10] Cusack plays Nelson Rockefeller in this true story of politics and art in the 1930s.

ANSWER: *Cradle Will Rock*

**17** Name these actors from *Spin City* given other roles, 10 points each.

[10] Lawyer Garnet Hines on *Muscle*; Stanley Babson on *Arliss* [Arli\$\$]

ANSWER: Michael Patrick **Boatman**

[10] Kenny on *Blue Skies*; Pongo, the Friendly Dragon on *Oswald*; a regular on *Carol & Company*

ANSWER: Richard **Kind**

[10] Alex Burton on *Going Places*, Amanda Woodward on *Melrose Place*

ANSWER: Heather Deen **Locklear**

**18** Music and sports sometimes go hand in hand. 10 points each.

[10] Hockey lingo provided the name of this Canadian band best known for the hit song "Superman (It's Not Easy)."

ANSWER: **Five for Fighting**

[10] This musician was a nose tackle for Texas A&M before he became a "Bat out of Hell."

ANSWER: **Meat Loaf** or Marvin **Aday**

[10] This drummer was a ranked junior tennis player in his native Denmark. Now he works with James Hetfield.

ANSWER: Lars **Ulrich**

**19** Given three artists, name the German art movement, 15 points each.

[15] Fritz Beyl [bale], Erich Heckel, Ernst Kirchner

ANSWER: The **Brook** or *Die Brucke*

[15] George Grosz [gross], Otto Dix, Max Beckmann

ANSWER: The **New Objectivity** or *Neue Sachlichkeit*

**20** Name these sociologists, 10 points each.

[10] This German sociologist and political economist is best known for *The Protestant Ethic and the Spirit of Capitalism*.

ANSWER: Max Weber [VAY-bir]

[10] He coined the term sociology, and penned *System of Positive Polity*.

ANSWER: (Isidore)-Auguste-(Marie-François-Xavier) Comte

[10] When you use this American sociologist's "looking-glass self" model, you assess yourself in terms of what you believe others think about you.

ANSWER: Charles Cooley

**21** 30-20-10. Name the character.

[30] The central character of five novels, his first movie appearance was in 1960's *Plein soleil* [plen soh-LAY] or *Purple Noon*.

[20] He's been "Under Ground" and "Under Water." In a 1999 movie, he was, among other things, "Mysterious, Yearning, Secretive, Sad, Lonely, [and] Troubled."

[10] The murderer of Dickie Greenleaf, this "Talented" amoral character created by Patricia Highsmith was played by Matt Damon.

ANSWER: Thomas "Tom" Ripley [accept *The Talented Mr. Ripley*]

**22** Name these cold-water ocean currents, 10 points each.

[10] This current flows along South America's west coast.

ANSWER: Peru or Humboldt current

[10] Flowing near its eponymous island, this North Atlantic current collides with the Gulf Stream to form the rich fishing grounds of the Grand Banks.

ANSWER: Labrador current

[10] This current circles the earth at 60° south latitude.

ANSWER: Antarctic circumpolar current

**23** Its name translates roughly as "put together." 10 points each.

[10] Name this 20<sup>th</sup> century school of psychology that focused on perception.

ANSWER: Gestalt [geh-SHTALT]

[10] This Czech psychologist studied the so called "phi phenomenon" in which stationary objects appear to be in motion.

ANSWER: Max Wertheimer [VURT-hye-mer]

[10] According to this principle of Gestalt psychology, a circle missing a small gap will still be perceived as complete.

ANSWER: closure [accept Prägnanz]

**24** Name these Jewish philosophers, 10 points each.

[10] This court physician to Saladin, born in Muslim-ruled Spain, wrote *Guide for the Perplexed*.

ANSWER: Maimonides or Rabbi Moses ben Maimon

[10] This German philosopher focused on the encounter, or dialogue, of man with other beings, as elucidated in his *I and Thou*.

ANSWER: Martin Buber

[10] Kant admired this philosopher who sought civil rights for Jews, and advocated the immortality of the soul in the 1767 work *Phaedon*.

ANSWER: Moses Mendelssohn

**25** In 1777, one general sent another general a letter criticizing the Continental Army's commander-in-chief. 10 points each.

[10] Name the belittled commander-in-chief.

ANSWER: Gen. George Washington

[10] This general's name is often (unfairly) lent to the "Cabal" that tried to oust Washington.

ANSWER: Gen. Thomas Conway

[10] Conway and other politicians wanted this general who had won at Saratoga to fill Washington's shoes.

ANSWER: Gen. Horatio Gates

**26** Given a line of poetry, name the type of rhythm used, for 10 points each.

[10] "I heard a thousand blended notes" ANSWER: iambic

[10] "On the wide level of a mountain's head" ANSWER: anapest

[10] "Glory be to God for dappled things" ANSWER: trochee [TRO-kee] or trochaic

**27** At the 1815 Congress of Vienna, four nations controlled Europe's future. Given a representative's nation and title, name him, 10 points each.

[10] Austria's Foreign Minister

ANSWER: Prince von Metternich or Klemens Wenzel Nepomuk Lothar Metternich-Winneburg

[10] Russia's czar

ANSWER: Alexander I or Aleksandr Pavlovich

[10] Prussia's Foreign Minister

ANSWER: Karl August von Hardenberg

**28** Name these leaders of Indonesia, 15 points each.

[15] Given name and surname required. Indonesia's fifth president, she is the first female president of Indonesia.

ANSWER: Megawati Sukarnoputri

[15] This man was president of Indonesia prior to Megawati's victory.

ANSWER: Abdurrahman Wahid