PENN BOWL 11

Boni by

Michigan & MIT

7

1 Name these related works of literature made into movies, 10 points each.

[10] This documentary novel by Thomas Keneally tells how an enamel factory owner rescued Jews by employing them in Nazi-occupied Europe.

ANSWER: ***Schindler's Ark*** [accept ***Schindler's List***]

[10] Julianne Moore and Ralph [rafe] Fiennes recently starred in a film adaptation of this Graham Greene novel about a love affair in bomb-ravaged London.

ANSWER: *The* ***End of the Affair***

[10] Pierre Boulle's years of forced labor in Southeast Asia were the focus of this book, which became a 1957 Academy Award winner.

ANSWER: ***Bridge on the River Kwai*** [note, "*on*", not "*over*"]

2 Name these Canadian Native American tribes, 15 points each.

[15] The Oka crisis of 1990 stemmed from a dispute between the local government and this easternmost Iroquois tribe.

ANSWER: **Mohawk** or **Kanien'kehake**

[15] Franz Boas extensively studied the potlatch custom of this tribe native to British Columbia and Vancouver Island.

ANSWER: **Kwakiutl** [KWA-koo-tull]

3 Name these Nazis, 10 points each.

[10] This foreign minister negotiated an infamous treaty with his Soviet counterpart, Molotov.

ANSWER: Joachim von **Ribbentrop**

[10] This deputy, third in line to Hitler's power after Goering [GAY-ring], was captured in 1941 when he flew a plane to Britain. He spent the next 46 years in prison.

ANSWER: Walther Richard Rudolf **Hess**

[10] The son of a Jewish musician, this early planner of the Final Solution and leader of the SS death squads or *Einsatzgruppen* was assassinated in Prague in July 1942.

ANSWER: Reinhard Tristan Eugen **Heydrich**

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4 Name these voting systems, 10 points each.

[10] Used in the US, the UK, and Canada, the candidate with the most votes wins, even if it is not a majority.

ANSWER: **plurality** or **first-past-the-post**

[10] Voters vote for parties, not candidates; parties win seats proportionally by share of vote. The parties rank candidates, who then fill the awarded number of seats.

ANSWER: **party list**

[10] Used in Australia, voters rank all candidates. The last-place candidate is eliminated; his second-choice votes are given to the remaining candidates, and so on, until one has a majority.

ANSWER: **instant runoff** voting or **alternative** vote

5 It equals approximately 96,500 Coulombs [KOO-lohms] per mole. 10 points each.

[10] Name this constant.

ANSWER: **Faraday** constant [prompt on "*F*"]

[10] Faraday's constant equals this constant times the absolute value of the charge of an electron.

ANSWER: **Avogadro**'s number [prompt on "N_A"]

[10] Faraday's constant appears in this equation that allows the calculation of electrochemical potentials.

ANSWER: **Nernst** equation

6 Name these treaties that affected the Balkans, 10 points each.

[10] Russia and Turkey signed this 1878 treaty that ensured the independence of Serbia and Rumania.

ANSWER: Treaty of **San Stefano**

[10] This treaty modified the terms of the Treaty of San Stefano, allowing Austria-Hungary to occupy Bosnia and Herzegovina, and shrinking Serbia and Montenegro.

ANSWER: Treaty (or Congress) of **Berlin**

[10] This 1919 treaty ended World War I between the Allies and Bulgaria.

ANSWER: Treaty of **Neuilly**-sur-Seine [NOO-ee]

7 Name these four-letter words related to soil, for the stated number of points.

[20] For 5 for one, 10 for two, or 20 for all three, soil particles are divided into these three types, based on the size of the particles.

ANSWER: **clay**, **silt**, and **sand**

[10] This four-letter term denotes a balanced mixture of clay, silt, and sand.

ANSWER: **loam** [lohm]

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8 Name these people who founded stuff, 10 points each.

[10] After making excessively heavy demands on the tolerance of Massachusetts, he was kicked out in 1635. He then founded Rhode Island.

ANSWER: Roger **Williams**

[10] His brother Pierre founded Louisiana. In 1718, he himself came up with the outstandingly good idea of New Orleans.

ANSWER: Jean-Baptiste **Le Moyne**, sieur de **Bienville** [accept either]

[10] Starting in 1769 in San Diego, this Franciscan founded everything in sight, including missions at Santa Clara and San Luis Obispo.

ANSWER: Father Junipero **Serra**

9 Answer these questions on the TV spy drama *Alias*, 10 points each.

[10] *Alias* was created by J.J. Abrams, who also created what WB drama?

ANSWER: ***Felicity***

[10] What actress, Sandra in *Pearl Harbor*, plays Sydney Bristow, a CIA double-agent—and grad student(!)—bent on taking down the evil corporation that killed her fiancée?

ANSWER: Jennifer **Garner** [Obviously, she's a humanities grad. . . . —*Ed.*]

[10] What is that evil corporation, a branch of the "Alliance of Twelve," for whom Sydney and her double-agent father both work?

ANSWER: **SD-6**

10 Answer these questions about cosmetics, 10 points each.

[10] This type of makeup, usually brown or black, is applied to the eyelashes.

ANSWER: **mascara**

[10] Applied before face powders, this base layer often consists of about 15% stearic acid in water.

ANSWER: **vanishing cream** [accept **foundation**]

[10] Queen Nefertiti wore this black or gray eye makeup from ancient Egypt that was made from galena.

ANSWER: ***kohl*** or ***mesdemet***

11 Name these people or events on a 15-10 basis.

[15] In *Tosca*, the sacristan receives a false report about this battle. Cavaradossi exults when he hears the truth about Napoleon's victory.

[10] In June 1800, Napoleon beat the hell out of Austria, winning back northern Italy.

ANSWER: Battle of **Marengo**

[15] Mozart wrote an entire opera about the clemency of this Roman emperor.

[10] This son of Vespasian and brother of Domitian conquered Jerusalem.

ANSWER: **Tito** or **Titus** Flavius Vespasianus [do not accept "Vespasian" (or—for God's sake—Tito Jackson!)—*Ed.*]

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12 Name these astronomical terms related to time, 15 points each.

[15] This is the interval between successive conjunctions or oppositions of celestial bodies, such as those of a planet or moon with the sun.

ANSWER: **synod**(ic)(al)

[15] This adjective denotes times based upon the axial and orbital rotation of the earth with respect to the background of stars.

ANSWER: **sidereal** [suh-DEH-ree-ul]

13 Name these American novels from characters, 10 points each.

[10] Joanna Burden, Gail Hightower, Lena Grove, Joe Christmas

ANSWER: ***Light in August***

[10] Katey Macauley, Homer, Ulysses, Marcus, Bess

ANSWER: *The* ***Human Comedy***

[10] Ona, Elzbieta, Jonas, Marija, and Jurgis [YOOR-gis] Rudkus

ANSWER: *The* ***Jungle***

14 He is forever fighting Ahura-Mazda. 10 points each.

[10] Name this phenomenally evil Zoroastrian god.

ANSWER: **Ahriman** or **Angra Mainyu**

[10] Both of these unsavory characters are sons of what androgynous god who had to make sacrifices—don't ask what he sacrificed—for 1,000 years to procreate?

ANSWER: **Zurvan**

[10] Zoroastrianism was Persia's state religion under the late Achaemenids and this dynasty that ruled from the 3rd century until its overthrow by the Muslims.

ANSWER: **Sassanid** or **Sassanian**

15 30-20-10. Name the movie.

[30] Andrea Martin plays Phyllis Stein, the agent for a band whose members include Yitzhak and Jacek [YAH-sik].

[20] When Sgt. Luther Robinson leaves the title character, she meets up with Tommy Gnosis, who steals her song after he discovers her "Barbie Doll Crotch."

[10] Starring John Cameron Mitchell, this 2001 movie's title refers to an East German drag queen's botched sex-change operation.

ANSWER: ***Hedwig and the Angry Inch***

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16 A diagnostic test for one of its subtypes was created by Baruch Blumberg. 10 points each.

[10] Give the general term for this disease, an often infectious inflammation of the liver.

ANSWER: **hepatitis** or **hepatitides**

[10] The most common subtype of hepatitis, it can be transmitted sexually, and can become a chronic disorder.

ANSWER: hepatitis **B**

[10] Unlike hepatitis B, this subtype does not lead to chronic disease, and is not spread sexually. About 2% of patients who develop it have a severe disease necessitating a transplant.

ANSWER: hepatitis **E** [do not accept hepatitis A, which does not become severe]

17 In 1963, the MVPs of the National League, American League, and NFL all wore number 32. 10 points each.

[10] This Dodger pitcher won the NL MVP award with a 25-5 record.

ANSWER: Sanford "Sandy" **Koufax**

[10] This Cleveland running back captured the NFL MVP as the first man to rush for over a mile in one season.

ANSWER: James Nathaniel "Jim" **Brown**

[10] This Yankee catcher, the AL MVP, was the first black player so honored.

ANSWER: Elston Gene "Ellie" **Howard**

18 Name these composers of works based on the life of Francis of Assisi, 15 points each.

[15] This composer of *Two Legends on the Life of the Saint* also wrote *Via Crucis*, the *Totentanz* for piano and orchestra, and *Transcendental Études* [AY-toods] for solo piano.

ANSWER: Franz **Liszt** or **Liszt** Ferenc

[15] This French composer of the opera *St. François d'Assise* [DAH-sees] also wrote the *Quartet for the End of Time*, *Visions of Amen*, and *Twenty Glances at the Infant Jesus*.

ANSWER: Olivier **Messiaen** [MEH-sy-aan]

19 Name these small islands in the Indian Ocean, 10 points each.

[10] The southernmost island in the Chagos archipelago, this 17-square-mile atoll houses a joint US/UK military base.

ANSWER: **Diego Garcia**

[10] This Australian territory, 400 kilometers south of Java, was discovered by William Mynors in December 1643.

ANSWER: **Christmas** Island

[10] Though claimed by the Comoros, this island did *not* vote for independence in 1975, and remains an overseas possession of France.

ANSWER: **Mayotte**

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20 Name these sorting algorithms, 10 points each. Assume data is stored in an array.

[10] Choose a pivot element. Divide the remaining elements into two partitions: those greater than the pivot, and those smaller. Recursively sort these new partitions in the same manner.

ANSWER: **quick**sort

[10] Take elements from the input array and place them in the correct position in the final array with respect to the previously sorted elements.

ANSWER: **insert**ion sort

[10] Compare adjacent pairs of elements in the array, and swap them if necessary. Repeat as needed until all elements are sorted.

ANSWER: **bubble** sort

21 Name these people related to Canadian politics, neither of whom claim to actually *be* Canadian, 15 points each.

[15] In a November 2001 speech, this premier of Québec implied that if Québec does not gain independence, terrorist attacks might follow.

ANSWER: Bernard **Landry**

[15] After finally renouncing his Canadian citizenship in 2001, this newspaper publisher and owner of the Hollinger chain announced plans to found the *New York Sun*.

ANSWER: Conrad **Black**

22 To distract us from their malfeasances, Congress sometimes investigates other villains. 15 points each.

[15] In 1950, this Tennessee senator he held TV hearings in which he questioned every Italian-surnamed person he could find about their connections to the Mafia.

ANSWER: (Carey) Estes **Kefauver**

[15] This Texas Congressman's urging led to the creation of the House Un-American Activities Committee in 1938.

ANSWER: Martin **Dies**, Jr.

23 Name these theologians, 10 points each.

[10] This rotund German, a major exponent of Aristotle who taught in Paris, was Thomas Aquinas's main teacher.

ANSWER: St. **Albert** the Great or **Albertus** Magnus

[10] Several propositions of this German mystic who wrote *The Book of Divine Comfort* were declared heretical by the pope in 1329, soon after his death.

ANSWER: (Meister) Johannes **Eckhardt**

[10] This reforming bishop of Milan, the nephew of Pope Pius IV, was a moving force behind the 1560 resumption of the Council of Trent.

ANSWER: St. **Charles** Borromaeus or St. Charles **Borromaeus** or Carlo **Borromeo**

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24 This economist was a speechwriter for JFK and an editor for *Fortune*. 10 points each.

[10] Name this "renegade" who critiqued the free market in *The Great Crash* and *A Theory of Price Control*.

ANSWER: John Kenneth **Galbraith**

[10] In this work, Galbraith attacks the notion of consumer sovereignty, arguing about the hegemony of American capitalism.

ANSWER: *The **Affluent Society***

[10] Galbraith expounds his theory of inherently oligopolistic firms that affect national well-being in this work.

ANSWER: *The **New Industrial State***

25 Name these people who killed their sons and served them as food, 10 points each.

[10] This man cut up his son Pelops.

ANSWER: **Tantalus**

[10] She served her son Itys to her husband Tereus after Tereus seduced her sister Philomela, and cut out her tongue to hide his crime.

ANSWER: **Procne**

[10] One account says the gods turned this man into a wolf after he tried to serve Zeus his son Nyctimus.

ANSWER: **Lycaon**

26 On April 1, 1999, a new territory was created in Canada. For the stated number of points.

[10] Name this new territory.

ANSWER: **Nunavut** [NOO-nuh-vut]

[10] For 5 points each, name the two provinces which border Nunavut.

ANSWER: **Manitoba** and **Saskatchewan** [do not accept "Northwest Territories"]

[10] What is the capital of Nunavut?

ANSWER: **Iqaluit** [ee-KAH-loo-it] or **Frobisher Bay**

27 During his time in Africa, he wrote about the French colonial project in *Travels in the Congo*. 15 points each.

[15] Name this author better known for novels like *Fruits of the Earth* and *The Pastoral Symphony*.

ANSWER: André **Gide**

[15] Gide's most famous work may be this 1902 chronicle of Michel's sexual adventures with Arab boys.

ANSWER: *The **Immoralist***

28 Given a list of actors, name these classic films that won the Oscar for Best Picture, 10 points each.

[10] Danny DeVito, Christopher Lloyd, Jack Nicholson

ANSWER: ***One Flew Over the Cuckoo's Nest***

[10] Alec Guinness, Anthony Quinn, Omar Sharif

ANSWER: ***Lawrence of Arabia***

[10] Charles Laughton, Clark Gable

ANSWER: ***Mutiny on the Bounty***

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