



2009-10 MNHSQB Set A
Packet 1

Warm-Ups and Tossups

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- In which year did Sargent Shriver replace Thomas Eagleton as the running mate of Democrat George McGovern, who lost to incumbent Richard Nixon?
answer: 1972 (accept Election of 1972) <190458>
- What man—who wrote about morality in 1993's *The Splendor of Truth* and about sexuality in *The Theology of the Body*—preceded Benedict XVI ["the 16th"] as pope?
answer: Pope John Paul II (or Karol Józef Wojtyła; prompt on "John Paul"; do not prompt on "John" or "Paul") <221420>
- In 2005 the Greek letter "epsilon" was given to the last of which low pressure, North Atlantic entities with sustained winds over 74 miles per hour?
answer: North Atlantic hurricane (prompt on "tropical cyclone"; prompt on "tropical storm" until "epsilon"; do not accept "tropical depression" or "subtropical depression")
[There were 28 storms in 2005, and the official list of hurricane names only has 21 entries, so additional storms were named Alpha through Zeta.] <233939>
- Ludwig Windthorst [VINT-horst] opposed what leader of the anti-Catholic Kulturkampf [KOOL-toor-kahmpf] who was the architect of the German Empire and served as its "Iron Chancellor"?
answer: Otto (Eduard Leopold, Fürst) von Bismarck <221389>
- In 2006 the capital of which country ruled by the State Peace and Development Council was moved to Naypyidaw [NEH-pyee-daw] from Yangon, formerly known as Rangoon?
answer: Union of Myanmar or Union of Burma <226080>
- The living animal with the strongest bite is which relative of the extinct Megalodon, a fish in genus *Carcharodon* [kar-KAIR-uh-DAHNN] that is the largest predatory shark?
answer: great white shark (accept Carcharodon carcharias; prompt on "great white"; prompt on "shark" early) <229162>
- What author of the poetry collection *War Is Kind* wrote "The Bride Comes to Yellow Sky" and a novel about Henry Fleming, *The Red Badge of Courage*?
answer: Stephen Crane <203140>

8. What British artist, who depicted the *Minotaur's* shipwreck and *The Fighting Temeraire* [TEM-uh-RAIR], painted the Great Western Railway in *Rain, Steam, and Speed*?

answer: J(oseph) M(allord) W(illiam) Turner

<227799>

9. A .357 ["three fifty-seven"] batting average and 37 home runs in 2008 led to the second National League MVP Award for what St. Louis Cardinals first baseman?

answer: (José Alberto) Albert Pujols [POO-hohlz] (Alcántara)

<223547>

10. Pencil and paper ready. How many total questions did Gail miss if she scored a 70% on a 50-question test, given that each mistake cost her 2 points?

answer: 15 missed questions [100% - 70% = 30 points missed / (2 points / miss) = 15 missed questions]

<229860>

11. What author of *Incident at Vichy* [vee-shee] wrote about John and Elizabeth Proctor in his play *The Crucible* and about Willy Loman in *Death of a Salesman*?

answer: Arthur (Asher) Miller

<197251>

12. Annie Chapman and Mary Ann Nichols were two of five known Whitechapel-area victims of what 1888 London serial killer known as "the Ripper"?

answer: Jack the Ripper (accept Jack at the end)

<240332>

Tossups with Bonuses

13. **This man wrote "creeping thence steadily up to my ears, and laving me softly all over, Death, Death, Death, Death, Death" in his poem "Out of the Cradle Endlessly Rocking" and "I celebrate (*) myself" in another work, 1855's "Song of Myself." For 10 points – name this American poet of *Leaves of Grass*.**

answer: Walt(er) Whitman

<245096>

14. **This event's primary target was kidnapped for his own safety by Frederick of Saxony. Philipp Melanchthon [muh-LAHNK-thun] reported the defendant's statement "Here (*) I stand; I can do no other." Charles V presided over – for 10 points – what 1521 diet at which Martin Luther's writings were declared heretical?**

answer: Diet of Worms [wurmz] (or Reichstag zu Worms)

<245212>

15. **These particles' namesake "sphere" is the radius at which they orbit a black hole. They were proposed to describe blackbody radiation by Max Planck and have energy proportional to their (*) frequency. 300 million meters per second is the vacuum speed of – for 10 points – which particles of light?**

answer: photons (do not accept "light")

<243480>

16. **In *Williams v. Florida* the Supreme Court held these groups could have as few as six members, while *Apodaca v. Oregon* held that unanimity was not (*) required for state ones if they had the usual dozen members. For 10 points – name these sequestered bodies that determine guilt or innocence.**

answer: petit jury or trial jury (do not accept "grand jury")

<245206>

17. **Francis Bellamy published this work's original text in 1892. In 1940 the Supreme Court ruled that Jehovah's Witnesses had to say it, and in the '50s the Knights of Columbus led a movement to add two (*) words to it. For 10 points – name this text that now includes "under God."**

answer: Pledge of Allegiance (prompt on "(The) Pledge")

<245237>

18. **In 2009 the U.K. announced plans for a breeding program for the "black" species of these organisms; the Africanized variety, some of which (*) escaped from a Brazilian lab in 1957, are "killers." Colony collapse disorder has decimated populations of – for 10 points – what honey-producing insects?**

answer: honeybees (or Apis mellifera; accept black honeybee or Apis mellifera mellifera)

<245079>

19. **This man spent three years in Italy shooting a troubled 1952 version of *Othello*. At age 23, he and the Mercury Theatre scared millions with a radio adaptation of (*) H. G. Wells' *The War of the Worlds*. For 10 points – name this actor who made his directorial debut with 1941's *Citizen Kane*.**

answer: (George) Orson Welles

<243858>

20. **The Kama and Vetluga are tributaries of this river connected to the Don River via a 60-mile-long canal. It flows from the Valdai Hills past Kazan and Nizhny Novgorod to the (*) Caspian Sea. For 10 points – what longest river in Europe passes the city once known as Stalingrad?**

answer: Volga River

<245093>

21. **This term can refer to a flute pitched in G, a standard recorder, a clarinet in E flat, or the most common (*) saxophone. In French and Italian, it refers to the viola or the clef on which its part is written. For 10 points – give this term also denoting a woman's vocal range below soprano.**

answer: alto (accept alto flute, alto recorder, etc.)

<245118>

22. **Pencil and paper ready. John needs to calculate the area of a circle whose circumference is 6 pi. Knowing that the circumference is simply 2 pi times the radius, he finds the radius and applies the area formula. (*) For 10 points – what is the area of a circle whose circumference is 6 pi?**

answer: 9π (do not accept or prompt on "9") [$C = 2 \times \pi \times r$, so $r = C / (2\pi) = (6\pi) / (2\pi) = 3$; $A = \pi \times r^2 = \pi \times 3^2 = 9\pi$]

<242539>

23. **This lake contains the world's largest island in a lake, Manitoulin [man-ee-TOO-lin] Island, and one of its arms is Georgian Bay. Drained by the St. Clair River, it is connected to Lake (*) Michigan via the Straits of Mackinac [MAK-eh-naw]. Lying east of Michigan's Lower Peninsula is – for 10 points – which Great Lake?**

answer: Lake Huron

<245086>

24. **This man wrote about Sir Fretful Plagiary in a play about a "tragedy rehearsed" called *The Critic*, and wrote about Captain Absolute and Lydia Languish in a play that introduced (*) Mrs. Malaprop. For 10 points – name this British dramatist of *The Rivals* and *The School for Scandal*.**

answer: Richard Brinsley Sheridan

<245238>

25. **This country's May Fourth Movement protested the Treaty of Versailles' [vur-sye'z] transfer of Germany's concessions on its (*) Shandong Peninsula to the country that invaded it after the 1931 Mukden Incident, Japan. For 10 points – name this country whose final dynasty was overthrown by Sun Yat-sen.**

answer: China (accept Republic of China or People's Republic of China)

<232851>

26. **Around the level of the navel, this entity bifurcates into "iliac" [ILL-ee-ak] portions. It curves over the pulmonary vessels after the left carotid [kuh-RAH-tid] and left subclavian (*) arteries branch off from it. Blood is carried away from the left ventricle by – for 10 points – which largest blood vessel in the body?**

answer: aorta (do not accept "arch of the aorta" or "aortic arch")

<243863>

27. **In one poem, this man expressed a desire for a "draught ["draft"] of vintage" cooled in the "deep-delved earth" and asked "Do I wake or sleep?" In another, he addressed a "still unravished bride of (*) quietness" and wrote "Beauty is truth, truth beauty." For 10 points – name this poet of "Ode on a Grecian Urn."**

answer: John Keats

<245239>

28. **This courtier in the state of Lu [loo] compared the virtuous ruler to the North Star, and used metaphors of craftsmanship for the attainment of virtue through ritual patterns, or (*) *li* [lee]. For 10 points – name this Chinese sage whose alleged sayings are compiled in the *Analects*.**

answer: Confucius (or Kong Fuzi)

<243808>

29. **He commanded the losing side at the Second Battle of Trenton in 1777 and cleared American troops from South Carolina with his victory at Camden. However, his win at (*) Guilford Court House badly hurt his forces. For 10 points – name this British general who, in 1781, surrendered at Yorktown.**

answer: Lord Charles Cornwallis

<245244>

30. **This man wrote about the painter Elstir, the violinist Charles Morel, the Guermantes [gair-mahnt] family, the Swann family, and over 2,000 other characters in a work published in (*) seven volumes. For 10 points—name this French author of *In Search of Lost Time*, also known as *Remembrance of Things Past*.**

answer: (Valentin Louis Georges Eugène) Marcel Proust

<232800>

31. **Carbon has nine known values for this quantity, while oxygen has eight. Carbon's are all integral, but potassium superoxide gives oxygen a value of $-1/2$ ["minus one-half"]. It is usually -1 for (*) halogens, -2 for oxygen, and +1 ["plus one"] for hydrogen. For 10 points—name this "state" that is decreased by reduction.**

answer: oxidation state

<245129>

32. **"Look at her dancing" is the line that immediately follows two Jewish toasts, "mazel tov" and "le'chaim" [lah-HIME], in the lyrics to this 2009 hit that repeatedly predicts "that (*) tonight's gonna be a good night." For 10 points—name this Black Eyed Peas song whose title refers to a hunch.**

answer: I Gotta Feeling

<246302>



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Bonuses

-
1. Ancient Greek buildings were typically designed according to the Ionic, Doric, or Corinthian order. For 10 points each –
- A. Those orders primarily concerned the styling of these parts with a base, shaft, and capital.
answer: columns
- B. The capitals of Ionic columns consist of these spiraling ornamentations.
answer: volutes (accept scrolls)
- C. Corinthian capitals consist of a representation of the leaves of these plants.
answer: acanthus (accept acanthus leaves)
- <247105>
2. It measures the rate at which electric charge flows past a given point. For 10 points each –
- A. Name this physical quantity, often measured in amperes.
answer: (electric) current
- B. In a battery hooked to a circuit, current flows between the battery's terminals because they have different values for this quantity.
answer: electric potential or voltage (accept potential difference or volts; prompt on “emf” or “electromotive force”)
- C. According to a law named for this man, current can also be generated in a loop of wire by varying the flux of a magnetic field through the loop.
answer: Michael Faraday (accept Faraday's law of induction)
- <243938>
3. He is sold together with Harry, the young son of Eliza. For 10 points each –
- A. Name this slave, the title “uncle” of an 1852 novel.
answer: Uncle Tom (accept Uncle Tom's Cabin)
- B. Name the author of *Uncle Tom's Cabin*.
answer: Harriet Beecher Stowe
- C. Tom is ultimately beaten to death by this cruel plantation owner.
answer: Simon Legree [luh-GREE]
- <245270>
4. For 10 points each – name these Brazilian cities:
- A. Copacabana and Ipanema [EE-puh-NEE-muh] are beaches in this city on the Atlantic overseen by the Sugarloaf and Corcovado Mountains.
answer: Rio de Janeiro
- B. Lucio Costa and Oscar Niemeyer designed this city in the Planalto Central to serve as the country's capital.
answer: Brasília [bruh-ZEEL-yuh]
- C. This capital of the state of Pará is the principal city near the mouth of the Amazon.
answer: Belém
- <243917>

5. In October 2008 Britain invoked an anti-terrorism law to freeze assets of a foreign bank that guaranteed its own citizens' deposits, but not those of foreigners. For 10 points each—
- A. Landsbanki is based in this insular, European country, all three of whose major banks failed.
answer: Republic of Iceland
- B. This British prime minister also announced a lawsuit against Iceland.
answer: (James) Gordon Brown
- C. The asset freeze was announced by Alistair Darling, who holds this position responsible for economic and financial policy.
answer: Chancellor of the Exchequer [ex-CHEK-ur] (prompt on “chancellor” or “exchequer”)
<243615>
6. Pencil and paper ready. For 10 points each— answer these questions about factorials:
- A. The number of ways to choose an ordered selection of 2 people from a group of 5 people is the ratio of 5 factorial to what value?
answer: 6 or 3 factorial [(5 - 2)! = 3! = 6]
- B. What is the last digit in the base-10 representation of 29! [“29 factorial”]?
answer: 0 [Every factorial above 4! ends in 0 since it contains a factor of 2 and 5.]
- C. What is the result of dividing 10 factorial by 8 factorial?
answer: 90 [10 × 9 = 90; all other terms cancel out]
<224605>
7. In 1858 a Zapotec Indian became president of a Western Hemisphere country. For 10 points each—
- A. Name that country.
answer: Mexico or Mexican Republic (accept United Mexican States)
- B. Name that Mexican leader who eventually served five terms as president.
answer: Benito (Pablo) Juárez (García)
- C. Juárez was born in this modern-day Mexican state south of Veracruz and west of Chiapas [chee-AH-pahss].
answer: Oaxaca [wah-HAH-kah]
<247048>
8. For 10 points each— identify these Americans whose last names start with the letter 'E':
- A. This lawman of the Wild West had brothers named Virgil, Morgan, and James.
answer: Wyatt Earp [urp]
- B. This man invented the motion picture camera and the phonograph.
answer: Thomas (Alva) Edison
- C. This aviatrix disappeared with Fred Noonan and their Electra in 1937.
answer: Amelia (Mary) Earhart [AIR-hart]
<224341>
9. The 2009 Nobel Prize in Physics was awarded for work on key modern technologies. For 10 points each—
- A. Willard Boyle and George Smith won for developing this imaging semiconductor circuit used in digital cameras.
answer: CCD or charge-coupled device
- B. Like former winners John Bardeen, Arno Penzias, and Robert Wilson, Boyle and Smith worked at this research laboratory once administered by AT&T.
answer: (AT&T) Bell Labs or (AT&T) Bell Laboratories
- C. The third winner, Charles Kao, won for work in removing impurities from this type of light-transmitting cable used in data networks such as Verizon's FiOS [FYE-ohss].
answer: optical fiber or fiber-optic cable [FiOS stands for “Fiber-Optic System”]
<247075>

10. For 10 points each – name these countries with female heads of government as of October 1, 2009:
- A. Angela Merkel [AHN-guh-leh MAIR-kul] has led this most populous EU member since 2005.
answer: Federal Republic of Germany
- B. Cristina Kirchner leads this South American nation whose previous female heads of state have included Isabel Perón.
answer: Argentina or Argentine Republic
- C. Ellen Johnson-Sirleaf, who took power shortly after the resignation of Charles Taylor, heads this nation; she is the first woman to lead any African nation in modern times.
answer: Republic of Liberia
- <243687>
11. It was the birthplace of both Abraham Lincoln and Jefferson Davis. For 10 points each –
- A. Name this U.S. state.
answer: Kentucky
- B. Also born in Kentucky was this man, the first to hold the title of “poet laureate” from the Library of Congress.
answer: Robert Penn Warren
- C. This KFC founder was actually born in Indiana, though he developed his secret recipe in Corbin, Kentucky.
answer: Colonel (Harland David) Sanders
- <221312>
12. For 10 points each – which U.S. president was targeted by these assassins or would-be assassins?
- A. Leon Czolgosz [SHOL-gosh] shot this president at the 1901 Pan-American Exposition in Buffalo.
answer: William McKinley
- B. This president survived two assassination attempts in September 1975, the first from Squeaky Fromme, the second from Sara Jane Moore.
answer: Gerald R(udolph) Ford (Jr.) (or Leslie Lynch King Jr.)
- C. On January 30, 1835, this first president to face an assassination attempt beat Richard Lawrence with a cane after both weapons Lawrence aimed at him misfired.
answer: Andrew Jackson
- <125857>
13. For 10 points each – name these killers from *Hamlet*:
- A. In the final scene, this man wields the poisoned rapier that fatally wounds Hamlet.
answer: Laertes
- B. In the queen's closet, this man stabs Polonius, who is hiding behind a tapestry.
answer: Prince Hamlet
- C. This man drops a pearl into the drink that poisons his wife, Queen Gertrude. It was meant for Hamlet.
answer: King Claudius
- <128021>
14. For 10 points each – give these geometry terms that start with the letters “C-O”:
- A. This term refers to three points that lie on the same straight line.
answer: collinear points
- B. Two angles whose sum is 90 degrees are known by this term.
answer: complementary angles or complements
- C. This kind of polygon fully contains every line segment whose endpoints are in the interior of the polygon.
answer: convex polygon
- <242202>

15. For 10 points each – answer these questions about professional sports traditions:

A. Since 1952 Detroit Red Wings fans have thrown what creature onto the ice to symbolize the eight games once needed to win the Stanley Cup?

answer: octopus (or octopi or octopodes or Octopoda)

B. Which NFL team's players perform the Lambeau [lam-boh] Leap, jumping into the stands, after scoring touchdowns?

answer: Green Bay Packers (accept either)

C. Since 2002 the Boston Red Sox have played this Neil Diamond song in the middle of the eighth inning. It was written about a member of the Kennedy clan.

answer: Sweet Caroline

<245331>

16. For 10 points each – name these people from a mythological family:

A. Zeus fell in love with this woman and, after transforming into a white bull, took her to Crete. A continent derives its name from hers.

answer: Europa (do not accept "Europe")

B. This son of Europa and Zeus is a judge of the dead in Hades [hay-deez]. The civilization that flourished on Crete is named for him.

answer: Minos

C. This daughter of Minos helped Theseus escape the labyrinth.

answer: Ariadne [air-ee-AD-nee]

<245335>

17. For 10 points each – answer these questions related to *The Star-Spangled Banner*:

A. The lyrics were written by Francis Scott Key after he witnessed the bombardment of which fort during the War of 1812?

answer: Fort McHenry

B. The song was proclaimed the national anthem by a 1931 Congressional resolution signed by which president?

answer: Herbert (Clark) Hoover

C. In "O Say, Can You Remember the Words?", a 2006 episode of a Disney Channel series, which character forgets the words to the anthem at a basketball game?

answer: Hannah Montana or Miley (Ray) Stewart (do not accept "Miley Cyrus")

<238446>

18. For 10 points each – name these current Senate leaders:

A. This Nevada Democrat became Majority Leader in 2007 after the GOP collapse in the 2006 midterms.

answer: Harry (Mason) Reid

B. This Kentucky Republican became Minority Leader when Reid assumed the top position.

answer: (Addison Mitchell) Mitch McConnell (Jr.)

C. This West Virginia Democrat elected to the Senate in 1958 is its current President pro tempore [PROH TEM-paw-ray].

answer: Robert (Carlyle) Byrd

<244026>

19. For 10 points each – given an ionic compound, give the ratio in which the ions will combine to form that compound.

A. Aluminum sulfate

answer: 2 to 3 or 2:3

B. Ferrous [FER-us] iodide

answer: 1 to 2 or 1:2

C. Ferric [FER-ik] chloride

answer: 1 to 3 or 1:3

<67128>

20. The longest reign of any European monarch was the 72 years on the throne by a man known as the "Sun King."
For 10 points each –

A. Name that king of France.

answer: Louis XIV ["14th"] of France (or Louis XIV Bourbon)

B. Give any year during which Louis XIV ruled.

answer: 1643 to 1715

C. This chief minister, a cardinal, assisted Louis during the first 18 years of his reign.

answer: Cardinal (Jules) Mazarin [maa-zuh-ran] (or Giulio Raimondo Mazzarino)

<247119>



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Lightning Rounds

1. Atomic symbols. Which element has the atomic symbol . . .

A. Mo? [spell out all symbols]

answer: molybdenum [muh-LIB-duh-num]

B. K?

answer: potassium

C. Sb?

answer: antimony

D. Ag?

answer: silver

E. Pb?

answer: lead

F. At?

answer: astatine

G. W?

answer: tungsten

H. Pa?

answer: protactinium

I. Sn?

answer: tin

J. Tm?

answer: thulium

2. Athletic conferences. Name the athletic conference in which these Division I schools compete in football:

A. Kent State

answer: MAC or Mid-American Conference

B. Boise State

answer: WAC or Western Athletic Conference

C. Florida State

answer: ACC or Atlantic Coast Conference

D. UCLA

answer: Pac-10 or Pacific-10 Conference

E. Kentucky

answer: SEC or Southeastern Conference

F. Rutgers

answer: Big East Conference

G. Navy

answer: none or independent (accept equivalents)

H. Kansas

answer: Big 12 Conference

I. Ohio State

answer: Big Ten Conference

J. North Texas

answer: Sun Belt Conference

<171515>

3. Miscellaneous items. Tell whether these miscellaneous items are eaten [pause], worn [pause], played [pause], read [pause], lived in [pause], or spent:

A. Obi [oh-bee]

answer: worn [Japanese sash]

B. Homily

answer: read [sermon]

C. Hominy

answer: eaten [hulled corn meal]

D. Zloty [z'WAH-tee]

answer: spent [currency of Poland]

E. Blintz

answer: eaten [cheese-filled pancake]

F. Sitar

answer: played [Indian stringed instrument]

G. Tiramisu [teer-uh-MEE-soo]

answer: eaten [Italian layered dessert]

H. Wimple

answer: worn [nun's headcloth]

I. Chalet [shaa-lay]

answer: lived in [French or Swiss Alpine dwelling]

J. Clerihew [KLAIR-uh-hyoo]

answer: read [short poem]

<229032>