

IBA Advanced Rounds
Question Packet 1

1. "Soapy", "An Unfinished Story", "The Sisters of the Golden Circle" and "The Furnished Room" all appeared in a 1906 story collection that was titled to protest the social arbiter who claims that only the exclusive four hundred of fashionable society are of consequence. For 10 points, identify this collection by O. Henry that contains the story "The Gift of the Magi".

Answer: The Four Million and Other Stories

2. Many scientists believed that Linus Pauling deserved a third Nobel Prize for his discovery of the cause of this disease, which afflicts about 50,000 Americans. Symptoms may appear as early as six months in age and included enlargement of the abdomen and heart, due to the substitution of valine for the sixth glutamic acid in the beta sub-unit of the hemoglobin molecule. For 10 points, what is this hereditary condition?

Answer: sickle-cell anemia

3. In 1928, along with four other US businessmen, he was invited to become an advisor to the Chinese government of Chiang Kai-Shek. For 10 points, identify this man who in 1914 began paying his workers five dollars per day, bringing the automobile into affordability for his employees.

Answer: Henry Ford

4. He announced his retirement in 1928 and said he was going to study philosophy at the Sorbonne. Later he served as director of the US Navy fitness program during World War II. For 10 points, identify this man who aided by the famous "long count" of 1927 defeated Jack Dempsey.

Answer: Gene Tunney

5. It was founded in the 19th century by a Persian, it claims members in practically every country and objects to slavery, polygamy, religious prejudice and politicized religion. For 10 points, what is this call for world peace and harmony that recognizes the common ground of all religions.

Answer: Bahai

6. His less well known works include How He Lied to Her Husband, The Philanderers, and Too True to Be Good. Expressly for Dame Ellen Terry he wrote the play "Captain Brassbound's Conversion". For 10 points, identify this playwright whose other works include Playlets of the War, Misalliance, The Devil's Disciple, and Major Barbara.

Answer: G.B. Shaw

7. His principal opponent was Aeschines, who defended himself against charges of accepting bribes in the speech On the False Embassy. For 10 points, identify this man who opposed Aeschines policy of negotiation with Macedon when he began his political career in 451 BC with the delivery of the first of his four Philippics.

Answer: Demosthenes

8. In 1839, his opera Oberto Conte di San Bonifacio premiered at Milan's Teatro alla Scala. For 10 points, identify this composer whose other works include La Traviata and Il Trovatore.

Answer: Giuseppe Verdi

9. In the standard model, hadrons are comprised of three quarks and are held together by the exchange of these theoretical particles. For 10 points, what are these particles of which there are believed to be eight types?

Answer: gluons

10. Geryon was a triple bodied, winged giant who dwelt on an island in the extreme west. He had a two-headed dog named Orthrus who guarded a herd of red cattle. However, Geryon was killed and the cattle stolen despite Orthrus' best efforts. For 10 points, identify the hero who stole his cattle as one of his twelve labors.

Answer: Heracles

11. The title character's wife is an invalid whose imaginary ailments thrive on patent medicines. He makes a bare living on a farm and would be happier living in town, but his wife refused on the grounds that the town held "lectures and big libraries and fellows doing things". For 10 points, identify this title character crippled in a sled wreck with his love Mattie in a work by Edith Wharton.

Answer: Ethan Frome

12. He contributed substantially to mathematics by advancing the study of trigonometry and applied his theories to the construction of astrolabes and sundials. In his Tetrabiblos, he applied astronomy to astrology and the casting of horoscopes and in his Geography he employed a system of latitude and longitude. For 10 points, identify this second century AD astronomer whose synthesis of the geocentric theory dominated astronomical thought until the 17th century.

Answer: Ptolemy

13. The first, launched in 1928 set a schedule on which industrial production was to be expanded, farms taken out of private hands and the creation of enough schools to manage the entire system. For 10 points, what was this program that marked Stalin's abandonment of Lenin's New Economic Policy?

Answer: Five Year Plan

14. Its name, which in Persian means "god-given" has been applied to the city since the 8th century. It lies about 40 miles north of the Euphrates River and is situated on both banks of the Tigris. For 10 points, identify this largest city and capital of Iraq.

Answer: Baghdad

15. After he made his directorial debut with *The People of the Po Valley* in 1943, he went on to direct the trilogy *The Adventure*, *The Night*, and *The Eclipse*. For 10 points, identify this director whose first color film as *Red Desert* who is best known for *Blow Up* and *Zabriskie Point*.

Answer: Michelangelo Antonioni

16. It was discovered in 1899 by the French chemist Andre Louis Debierne and is found in uranium ores to the extent of 2 parts per 10 billion of uranium. For 10 points, identify this radioactive metal with atomic weight 227 and atomic number 89.

Answer: actinium

17. Following a raid by his troops at Fort Pillow, Tennessee, he ordered the execution of scores of black Union defenders. For 10 points, identify this cavalry strategist from Pulaski, Tennessee who was the first Grand Wizard of the Ku Klux Klan.

Answer: Nathan Bedford Forrest

18. After a bitter quarrel with his contemporaries, he left writing for the stage to become the historiographer to Louis XIV and married. At the request of Madame de Maintenon, he later wrote two drams *Esther* and *Athalie*. For 10 points, identify this French dramatist whose works include *Berenice*, *Bajazet*, *Britannicus*, *Phedre*, and *Iphigenie*.

Answer: Jean Racine

19. Born in Bolton in 1801, he went to America in 1819 and settled in Cathill new York. In 1830, two of his paintings appeared in the Royal Academy and he afterwards made sketching tours through Europe. For 10 points, identify this English born American painter who founded the Hudson River School.

Answer: Thomas Cole

20. His fate is uncertain but in 1972 forensic experts identified a skeleton accidentally unearthed in Berlin as his. Possibly killed by Russian snipers in an attempt to flee the Chancellery in 1945, he had served since Hess' flight in 1941 as Reichminister. For 10 points, identify this close adviser to Hitler who was with him to the last.

Answer: Martin Boorman

21. At its northernmost point, it borders Niger and just to the west of its Pendjari National Park lies its border with Burkina Faso. To the west lies Togo and to the east Nigeria. For 10 points, identify this nation formerly known as Dahomey.

Answer: Benin

22. After serving as speaker of this home state's House of Representatives, he served two terms in the US House before taking his seat in the Senate in 1837 as its youngest members. For 10 points, identify this man who fought in the Mexican war and whose endorsement of the Compromise of 1850 including the Fugitive Slave laws won him the dark horse nomination of the Democratic Party in the 1852 Presidential election.

Answer: Franklin Pierce

23. Born in 1878, his first poems to reach a wide audience were published in Harriet Monroe's "Poetry: A Magazine of Verse" in 1914. Two years later appeared his Chicago poems. For 10 points, identify this man who in 1918 published the volume *Cornhuskers*.

Answer: Carl Sandburg

IBA Advanced Rounds
Question Packet 1

1. Identify these American military officers for 10 points each.

1. This man earned his famous nickname from his first command and in 1919 was commissioned General of the Armies.

Answer: Gen. John Pershing

2. This general served in the army and later in the Air Force and was the first five star general in the Air Force.

Answer: Henry Harley "Hap" Arnold

3. Inspired by his earlier success at Fort Ticonderoga, he attempted to capture Montreal, but failed and was captured by the British.

Answer: Ethan Allen

2. For 10 points each, identify the mothers who had the following children with Zeus.

1. Minos and Rhadamanthus

Answer: Europa

2. Helen, Clytemnestra, Castor, Pollux

Answer: Leda

3. the Nemean lion, Cerberus, and the hydra

Answer: Echidna

3. Identify the William Faulkner novel featuring the following characters.

1. Addie Bundren

Answer: As I Lay Dying

2. Rosa Coldfield

Answer: Absalom, Absalom!

3. Benjy Compson

Answer: The Sound and the Fury

4. Boon Hogganbeck

Answer: The Reivers

5. Colonel John Sartoris

Answer: The Unvanquished

6. Lucas Beauchamp

Answer: Intruder in the Dust

4. Identify the following schools of Greek philosophy from brief description for 10 points each.

1. Derived from the Greek for "to examine" or "to consider", its first proponent was Democritus.

Answer: skepticism

2. Zeno of Citium founded this austere ethical philosophy.

Answer: stoicism

3. Founded in the 4th century BC by Antisthenes, this school's best known member was Diogenes of Sinope.

Answer: cynicism

5. Give the capitals of the single African nation that borders the following pairs of nations.

1. Uganda and Congo

Answer: Kinsha

2. Equatorial Guinea and Chad

Answer: Yaounde

3. Burkina Faso and Senegal

Answer: Bamako

6. Give the derivative with respect to x of the following functions for 10 points each.

1. e^{-2x} (read: e to the minus 2 x)

Answer: $-2e^{-2x}$ (minus 2 e to the minus 2x)

2. $\secant(x)$ (read: secant x)

Answer: $\tangent(x)$ times $\secant(x)$ (tangent and secant are interchangeable in terms of order)

3. $\ln 2$

Answer: 0

7. Answer the following questions about the Persian Wars. 10 pts. each.

1. The revolt of the people of what area started the wars?

Answer: Ionia or Ionians

2. At what strategic pass was the capture of Athens delayed for three days by a mere 300 Spartans?

Answer: Thermopylae

3. In what year was the battle of Thermopylae fought?

Answer: 378 B. C.

8. Give the numbers of the following symphonies. 5 pts. each.

1. Mozart's Jupiter

Answer: 41

2. Mahler's Symphony of a Thousand

Answer: 8

3. Beethoven's Eroica

Answer: 3

4. Tchaikovsky's Pathetique

Answer: 6

5. Mendelssohn's Italian

Answer: 4

6. Shostokovich's Leningrad

Answer: 7

9. Identify the 18th-century English authors from works on a 10-5 basis.

1. 10 pts: The Citizen of the World

5 pts: The Deserted Village

Answer: Oliver Goldsmith

2. 10 pts: The Historical Register

5 pts: Joseph Andrews

Answer: Henry Fielding

3. 10 pts: The Dunciad

5 pts: The Rape of the Lock

Answer: Alexander Pope

10. Identify the following regionalist American painters for 10 points each.

1. This Missouri born painter created many mural cycles such as America Today and a series for the Missouri state capital.

Answer: Thomas Hart Benton

2. This Iowa born artist painted "Daughters of Revolution" but his most famous work resides in the museum of the Art Institute of Chicago.

Answer: Grant Wood

3. Known for his genre paintings of Missouri and the American west, this Virginia-born painter is best known for "Fur Traders Descending the Missouri" and "Raftsmen Playing Cards."

Answer: George Caleb Bingham

11. For 5 points each, give the winners of the Nobel Physics prize who won in the following years for the following discoveries.

1. 1923, measuring the charge on the electron

Answer: Robert Millikan

2. 1921, explanation of the photoelectric effect

Answer: Albert Einstein

3. 1918, discovery of energy quanta

Answer: Max Planck

4. 1901, for the discovery of the remarkable rays sometimes named after him

Answer: Wilhelm Roentgen

5. 1902, with Hendrik Lorentz for work on influence of magnetism upon radiation.

Answer: Pieter Zeeman

12. For 10 points each, identify the figure of speech illustrated by the following sentences.

1. He was a tower of strength

Answer: metaphor

2. O Liberty, what things are done in thy name

Answer: apostrophe

3. lands belonging to the crown

Answer: metonymy

13. Give the article of the U.S. Constitution which deals with or contains the following. 5 pts. each.

1. the "elastic clause"

Answer: Article I

2. the qualifications for running for president

Answer: Article II

3. amendment process

Answer: Article V

4. validated debts accrued under Articles of Confederation

Answer: Article VI

5. each state is to give full faith and credit to the public acts and records of other States.

Answer: Article IV

6. the Constitution is to be considered adopted when ratified by nine states

Answer: Article VII

14. Whigs, Tories, Liberal, Conservatives, and Labour. Can you keep your British political parties in order. Given a prime minister, identify the party whose government he headed. 5 points each.

1. Clement Atlee Answer: Labour

2. James Callaghan Answer: Labour

3. James Balfour Answer: Conservative

4. William Gladstone Answer: Liberal

5. Lord Palmerston Answer: Whig

6. Stanley Baldwin Answer: Conservative

15. Give the unusual nicknames of the following schools (6 parts, 5 pts. each):

1. Indiana State Answer: Sycamores

2. Marshall Answer: Thundering Herd

3. Southern Illinois Answer: Salukis

4. Virginia Military Answer: Keydets

5. Virginia Tech Answer: Hokies (or Gobblers)

6. William and Mary Answer: The Tribe

16. Identify the following plays by Ibsen from a single character. 10 pts. each.

1. Dr. Rank

Answer: A Doll's House

2. Oswald Alving

Answer: Ghosts

3. Solness

Answer: The Master Builder

17. Answer the following questions about benzene for 10 points each.

1. First, for 5 points, what is the formula of benzene?

Answer: C₆H₆

2. For 10 points, which English chemist and physicist discovered benzene?

Answer: Michael Faraday

2. For 15 points, how many moles of oxygen must be used to completely combust 2 moles of benzene?

Answer: 15

18. For 10 points each, give the pen name used by Washington Irving to write the following.

1. The Sketchbook

Answer: Geoffrey Crayon

2. History of New York

Answer: Diedrich Knickerbocker

3. nine letters to the New York Morning Chronicle

Answer: Jonathan Oldstyle

19. Identify the European nation from whom the following African nations were granted their independence.
5 pts. each.

1. Angola

Answer: Portugal

2. Kenya

Answer: Great Britain or England

3. Algeria

Answer: France

4. Mali

Answer: France

5. Zaire

Answer: Belgium

6. Namibia

Answer: Germany

20. For 5 points each, give the gland that is the source of the following hormones.

1. Cortisol

Answer: adrenal

2. ACTH

Answer: pituitary

3. glucagon

Answer: pancreas

4. growth hormone

Answer: pituitary

5. oxytocin

Answer: hypothalamus

6. calcitonin

Answer: thyroid