

Toss-Ups

1. Taking "n" as the highest principle quantum number, for 10 points, what is the common name of the group of elements with the electron configuration $ns^2 np^5$ (Read "enn ess two enn pee five")?

Answer: Halogens (do not accept halides)

2. He tried to return his Nobel Prize after the fall of Saigon--so we learn in his recently published memoirs. For 10 points, name this former cabinet member.

Answer: Dr. Henry Kissinger

3. This treatise, published in 1518, is cast in the form of refined conversations on the subject of the ideal Renaissance gentleman. For 10 points, name this work by Baldassare Castiglione.

Answer: The Book of the Courtier (Accept: Castiglione's Courtier)

4. On January 13, 1982 this Washington government worker became a national hero in front of millions of television viewers by rescuing one of the victims of the Air Florida crash. For 10 points, name him.

Answer: Lenny Skutnik

5. For 10 points, name the heresy that was vehemently attacked by St. Augustine, which denied the doctrine of original sin and stressed the view that the will is free to do good or evil.

Answer: Pelagianism

6. This French artist of the 19th century was noted both for his savage caricatures (such as the politicians depicted in his lithograph The Legislative Paunch) and for his compassionate representations of the working class (as in his Third Class Carriage). For 10 points, name him.

Answer: Honore Daumier (pr. Do-mee-ay)

7. For a quick 10 points, what is the name of the practice of deducing a person's character and mental capacity from the shape of the skull?

Answer: Phrenology

8. For 10 points, name the Trojan priest who tried to warn the Trojans of the wooden horse, but who was slain along with two of his sons by sea serpents sent by Athena.

Answer: Laocoon

9. This political cartoonist championed the downtrodden infantryman while serving with Stars and Stripes during World War II. After the war, he was awarded two Pulitzer Prizes. For 10 points, name him.

Answer: William Henry "Bill" Mauldin

10. For 10 points, what term is applied to the thermal decomposition of organic compounds in the absence of oxygen?

Answer: Pyrolysis (Do not accept Denaturation)

11. In 1534, a sailor of St. Malo in Brittany sailed into the Gulf of St. Lawrence and took possession of its shores in the name of the French king. For 10 points, name this gallant explorer.

Answer: Jacques Cartier (pr. Car-tee-ay)

EMORY COLLEGE BOWL
DO NOT DUPLICATE
OR TRADE

12. "All Nature is but Art, unknown to thee;
All Chance, Direction, which thou canst not see;
All Discord, Harmony not understood;
All partial evil, universal Good;
And, spite of Pride, in erring Reason's spite
One truth is clear, WHATEVER IS, IS RIGHT."
For 10 points, who wrote these lines?

Answer: Alexander Pope (from *An Essay on Man*)

13. Although he is noted mainly as a composer of massive symphonic works, Gustav Mahler is also famous for his songs. For 10 points, what name did he give to a group of six songs which he based on the verses of an ancient Chinese poet?

Answer: Das Lied von der Erde (The Song of the Earth)

14. Sarcophilus harrisi is an extremely voracious marsupial of the Dasyure family. Although quite formidable in real life, he is probably best known as the cartoon creature that eats everything in sight--especially rabbits. For 10 points, what is his common and cartoon name?

Answer: Tasmanian Devil

15. For 10 points, what 16th & 17th century man of letters said: "A little philosophy inclineth a man's mind to atheism; but depth in philosophy bringeth men's minds about to religion"?

Answer: Francis Bacon (*Essays -- of Atheism*)

16. This congressional act was the first to condone and support "guilt by association." It required aliens to be fingerprinted and outlawed organizations which advocated the overthrow of the U.S. government. For 10 points, name this 1940 act.

Answer: The Smith Act

17. Heart rate, breathing, color, muscle tone, and reflex irritability are all rated in newborn babies using as "instant physical" examination. For 10 points, name this exam and scale.

Answer: Apgar Scale

18. The city of Walla Walla is in Washington state. For 10 points, in what country would you find the city of Wagga Wagga, Lake Yamma Yamma, the Stuart Range, the Sturt Desert, Cape York Peninsula, and Arnhem Land?

Answer: Australia

19. Founded in 1891 as Throop Polytechnic Institute, its present research facilities include the Jet Propulsion Laboratory, the Hale Observatories, and the Guggenheim Aeronautical Laboratory. For 10 points, what is the present name of this famous school in Pasadena, California?

Answer: California Institute of Technology (or Cal Tech)

20. For 10 points, in which phase of mitosis do the kinetochores divide and the chromatids (chromosomes at that point) separate?

Answer: Anaphase

21. The Walden Inversion is characteristic of what reaction mechanism?

Answer: SN2 (read: ess enn two; do not accept SN1)

EMORY COLLEGE BOWL
DO NOT DUPLICATE
OR TRADE

GSU Bonuses

1. 30 Points. There are three theories of acid-base chemistry. Each theory is named for the chemist or chemists credited with its formulation. For 10 points apiece, name the theory which describes bases as:

1. Hydroxide Ions Answer: Arrhenius
2. Proton Acceptors Answer: Bronsted--Lowry
3. Electron-pair Donors Answer: Lewis

2. 30 Points. From 1904 to 1968 there were eight perfect games pitched in major league baseball. For 5 points each, name six of the eight pitchers credited with these games. Only your first six answers will be accepted.

Answer: Cy Young, Addie Joss, Ernie Shore, Charles Robertson, Don Larson, Jim Bunning, Sandy Koufax, Jim "Catfish" Hunter.

3. 20 Points. In 1957, the Senate's McClellan Committee investigated the corrupt practices of union officials--especially those of the Teamsters Union. For 20 points, who was the majority counsel of that committee?

Answer: Robert Kennedy

4. 20 Points. You will earn 5 points for each correct answer to the following questions about Sherlock Holmes:

1. What was the name of Holmes' landlady at 221-B Baker Street?

Answer: Mrs Hudson

2. What was Sherlock's older brother's name?

Answer: Mycroft

3. Holmes referred to her respectfully as "the woman," and she outsmarted him in the story "A Scandal in Bohemia." What was her name?

Answer: Irene Adler

4. Which Holmes tale involves a terrorist and hate organization that has been in the news a good bit lately?

Answer: "The Five Orange Pips" (the organization is the KKK)

5. 20 Points. The filarial nematode Wuchereria bancrofti is responsible for a disease of humans. For 20 points, name this lymphatic system disorder.

Answer: Elephantiasis

6. 20 Points. This term which means "babbler" was the name given to part of a rebel group of English peasants led by the priest John Ball. For 20 points, what is this term?

Answer: Lollards (Accept: Lollardry or Lollardy)

7. 30 Points. Vienna has had a long and cosmopolitan history. For 10 points apiece, answer these questions about Viennese history:

1. Who was the Roman emperor who resided in Vienna and died there in 180 AD?

Answer: Marcus Aurelius

2. Which conquerers were finally driven from the city by Leopold I of Babenberg in the tenth century?

Answer: Magyars (or Hungarians)

3. Finally, what Polish king saved the city from the Turks in 1683?

Answer: John III (or John Sobieski)

8. 20 Points. His early novels include The Black House, Saint Jack, and The Consul's File. His latest novel, The Mosquito Coast, is about an American engineer who packs off his family to seek a new life in the jungles of Honduras. For 20 points, who is this popular modern author?

Answer: Paul Theroux

EMORY COLLEGE BOWL
DO NOT DUPLICATE
OR TRADE

9. 30 Points. We live in the Holocene Epoch of the Quarternary Period of the Cenozoic Era. You will earn 5 points for each of the six epochs of the Cenozoic Era previous to our own which you can name.

Answer: Pleistocene, Pliocene, Miocene, Oligocene, Eocene, Paleocene

10. 25 Points. Euripides wrote two plays involving Iphegenia. If you can name both plays, you get 25 points; but you only get 10 for one.

Answer: Iphegenia at Aulis and Iphegenia in Taurus

11. 20 Points. For 5 points each, identify the following operas from these lists of characters appearing in them:

1. The Duke of Mantua, a hunchback, and the hunchback's daughter Gilda (p. Zheelda)

Answer: Rigoletto

2. Tonio, Canio, Nedda, and Silvio

Answer: I Pagliacci

3. Rodolfo, Marcello, Colline, and Mimi

Answer: La Boheme

4. Violetta and Alfredo

Answer: La Traviata

12. 30 Points. There are few beings in the wide range of Greek mythology more variously or more inconsistently described. Some call him a son of Zeus and Demeter, or Io, or Dione. Others make him a son of Ammon and Amaltheia. For 30 points, can you name him from these clues?

(If no correct answer, read on)

Not yet? I'll give you one more clue but you'll only get 15 points. He has been described as a son of Zeus and Semele (3 syllables). Who is this Greek god?

Answer: Dionysos (Accept: Dionysius but not Bacchus who is Roman)

13. 30 Points. For 10 points each, name the following literary characters:

1. The Null-A detective in A.E. van Vogt's World of Null-A.

Answer: Eldred Crang ✓

2. The protagonist "wirehead" in Larry Niven's Ringworld Engineers.

Answer: Louis Wu

3. The apparently immortal protagonist in Robert Heinlein's Time Enough for Love.

Answer: Lazarus Long (or Woodrow Wilson Smith) ✗

14. 20 Points. In ancient Athens, the dominant aristocrats attempted to appease the dissatisfied lower classes by permitting an official, written statement of Athenian law. According to tradition, this code was compiled by a man whose name has become synonymous with laws of unusual severity. For 20 points, name this man.

Answer: Draco

15. 20 Points. For 10 points each, give the appropriate theological terms for the following belief systems:

1. Since Christians are saved by grace and not by good works or moral effort, they are free of moral obligations or principles.

Answer: Antinomianism

2) This is the Christological belief that Christ possessed only one nature after the Incarnation--the divine nature.

Answer: Monophysitism

16. 30 Points. For 5 points each, name the five noble gases of lowest atomic weights. For an additional 5 points, give them in descending order of weight.

Answer: Xenon, Krypton, Argon, Neon, Helium (in descending order)

17. 20 Points. Giuliani, Sor, Carulli, and Aguado all obtained fame through their virtuosity on a particular musical instrument. For 20 points, name that instrument.

Answer: Guitar

18. 20 Points. Simon and Garfunkel once described in song the inhabitants of the zoo. We're not sure that "orangutans are skeptical of changes in their cages," but we are sure that you can pick up a fast 20 points by naming the Families to which each of the following primates belong. You will receive 5 points for each correct Latin Family name.

- | | |
|--------------------|--------------------------------|
| 1. Great Ape | Answer: <u>Pongidae</u> |
| 2. Squirrel Monkey | Answer: <u>Cebidae</u> |
| 3. Barbary Ape | Answer: <u>Cercopithecidae</u> |
| 4. Man | Answer: <u>Hominidae</u> |

19. 30 Points. The last Academy Awards presentation was viewed by millions of Americans, but how well do you know your Oscar history? For 10 points each, answer the following questions about the first Academy Awards presentation. Who won the first award for:

- | | |
|-----------------|------------------------------|
| 1. Best Actor | Answer: <u>Emil Jannings</u> |
| 2. Best Actress | Answer: <u>Janet Gaynor</u> |
| 3. Best Picture | Answer: <u>Wings</u> |

20. 20 Points. For 20 points, what name is given to the condition of trisomy in humans when autosome Number 21 is present in triplicate?

Answer: Down's Syndrome (or Mongolism or Mongoloidism)

<p>EMORY COLLEGE BOWL DO NOT DUPLICATE OR TRADE</p>
--