

Round 4

1. He ousted General Naguib and helped create the United Arab Republic. He nationalized the Suez Canal and fought the June, 1967 war against Israel. FTP, name this statesman who was elected President of Egypt in 1956.

Answer: Gamal Abdel _Nasser_

2. Born in Canada of Russian-Jewish parents, this novelist's first works were Dangling Man and The Victim, a power portrait of urban alienation. FTP, who is this author of The Adventures of Augie March, Herzog, and Humboldt's Gift?

Answer: Saul _Bellow_

3. The thermal efficiency of this theoretical device is 1 minus the quantity of the higher temperature reservoir divided by the cooler reservoir. FTP, what is this engine consisting of two adiabatic and two isothermal processes, named after its French formulator?

Answer: Carnot engine

4. He wore a helmet to disguise his misshapen head, and was taught by the philosopher Anaxagoras. The patron of Phidias and lover of Aspasia, he died of plague during the Peloponnesian War. FTP, name this leader of Athens during the Golden Age.

Answer: Pericles

5. Raised in Pennsylvania, this American poet and novelist settled in Paris in 1903 with her brother and her secretary. FTP, who is this member of the "lost generation" who wrote Three Lives and An Autobiography of Alice B. Toklas?

Answer: Gertrude Stein

6. Near the end of his life, this Spaniard painted dark and misanthropic pictures like Saturn Devouring His Children. FTP, who was this court painter to Charles IV who depicted the horrors of war in his The Third of May, 1808?

Answer: Francisco Jose de Goya y Lucientes

7. The site was the Hradcany Castle. The date was May 23, 1618. What was on the ground is a subject of debate. Catholics maintained that it was hay. Protestants claimed that it was dung. Either way, two diplomats came flying out the window and landed on the ground. FTP, name this incident in Bohemia that marked the beginning of the Thirty Years' War.

Answer: The Defenestration of Prague

8. The second largest phylum in the animal kingdom, its classes include Polyplacophore, Scaphopoda, Cephalopoda, Bivalva, and Gastropoda. FTP, what is this phylum which contains the chitons, chambered nautilus, squid, clams, and snails?

Answer: Mollusca or molluscs

9. Born in Danzig, this novelist was wounded in WW II and moved to Paris in 1955 where he turned to writing works like Local Anaesthetic and The Flounder. FTP, who is this author of the Danzig trilogy of Cat and Mouse, Dog Years, and The Tin Drum?

Answer: Gunter Wilhelm Grass

10. This mathematician became totally blind around 1766, but still continued to publish treatises on pure mathematics, physics, and astronomy. His phi function is useful in number theory, and he standardized notations like "e" and pi. FTP, who was this Swiss mathematician, the most prolific ever?

Answer: Leonhard Euler

11. Rear Admiral Kimmel and General Walter Short were found guilty of errors of judgment. Eight American battleships and 10 other naval vessels were sunk and almost 200 aircraft were destroyed. 3000 naval personnel were killed or wounded. Among the ships was the USS Arizona. FTP, name this December 7, 1941 sneak attack on an inlet of Oahu, Hawaii.

Answer: Pearl Harbor

12. This novel takes place on the Pequod and includes characters like Starbuck and the harpooners Daggoo and Queequeg. FTP, what is this Herman Melville novel in which Captain Ahab pursues a great white whale?

Answer: Moby Dick, or The Whale

13. This composer married Caroline Alice Roberts in 1889, and moved to Malvern two years later, where he devoted himself to composition. FTP, who is this English composer of the oratorio The Dream of Gerontius, The Enigma Variations, and the "Pomp and Circumstance" march?

Answer: Sir Edward Elgar

14. The father of Niobe, this man tested the gods' omniscience by serving them his own son Pelops at a banquet. As punishment, he stands perpetually in a lake that soaks up when he tries to drink, and above him are ripe fruits that fly out of reach when tries to eat. FTP, who is this unfortunate sufferer of Hades?

Answer: Tantalus

15. Columbus discovered this country in 1492 and made his son Diego its first viceroy. President Johnson sent Marines when leftists rebelled in 1965, and Joaquin Balaguer was elected president a year later. FTP, what is this country that shares the island of Hispaniola with Haiti and has captial at Santo Domingo?

Answer: Dominican Republic

16. This star, the thirteenth brightest in the sky, is located about 600 light years from the earth. A red supergiant of class M1, it has a mysterious bright hotspot on its surface. FTP, what is this bright star in Orion that is over 1000 times larger than the Sun?

Answer: Betelgeuse

17. This psychiatrist broke with Freud in 1913, and began to develop his own theories of analytical psychology. In his 1923 Psychological Types , he formulated the idea of introversion and extroversion. FTP, who is this Swiss who developed the theory of the "collective unconscious"?

Answer: Carl Gustav Jung

18. Among the kings of this city were Laomedon, who was slain by Heracles, and Ilus, the founder of the city. Located on the hill of Hissarlik, it was rediscovered in 1870 by German archaeologist Heinrich Schliemann. FTP, name this city of King Priam that was sacked by Agamemnon and the Greeks in a ten-year war.

Answer: Troy

19. He defended the gold standard against William Jennings Bryan, and ran an efficient campaign thanks in part to his manager, Mark Hanna. Reelected in 1900, he died in Buffalo, New York when he was shot by an anarchist named Leon Czolgosz. FTP, name this man who was succeeded as President by Theodore Roosevelt.

Answer: William McKinley

20. He established his capital in modern-day Uzbekistan in the city of Samarkand. He invaded India and captured Delhi. The subject of a play by Christopher Marlowe, he conquered territory from India to the Mediterranean. FTP, name this man whose nickname was given to him because his left side was partially disabled.

Answer: Tamerlane or Timur the Lame

21. This man visited the Academy of Projectors in Lagado, where scholars wasted their time trying to extract sunbeams from cucumbers and convert ice into gunpowder. FTP, who is this character who also visited Laputa, Brobdingnag, and Lilliput in a 1726 work by Jonathan Swift?

Answer: Lemuel Gulliver

1. Answer the following questions about a circuit with an 18 volt power source and three resistors connected in parallel, with resistance of 3 ohms, 6 ohms, and 9 ohms.

a) What is the voltage across the 6 ohm resistor?

Answer: 18 volts

b) What is the equivalent resistance of the three resistors?

Answer: 18/11 ohms

c) What is the power dissipated by the 9 ohm resistor?

Answer: _36_ watts

2. Identify the Russian authors of the following works of literature FTP each.

a) _The Lower Depths_

Answer: Maksim _Gorky_ or Aleksey Maksimovich _Peshkov_

b) _Eugene Onegin_ and _The Queen of Spades_

Answer: Aleksandr Sergeyeovich _Pushkin_

c) _A Hero of Our Time_

Answer: Mikhail Yuryevich _Lermontov_

3. Identify the following 19th century American painters FTP each.

a) The most famous of the Hudson River School artists, this teacher of Frederic Church was born in England. His paintings include _The Oxbow_, _Catskill Mountains_, and the _Voyage of Life_ series.

Answer: Thomas _Cole_

b) This man chronicled life on the Missouri and Mississippi rivers in works like _The Jolly Flatboatmen in Port_ and _Fur Traders Descending the Missouri_.

Answer: George Caleb _Bingham_

c) An avid outdoorsman, he painted people rowing, sailing, and hunting. In order to master the nude figure, he enrolled in the anatomy course at Jefferson Medical College, where his _The Gross Clinic_ is set.

Answer: Thomas _Eakins_

4. Answer the following about the Magna Carta, 10 each:

1. By what English King, called "Lackland," was the document signed?

Answer: King _John_

2. In what year was it signed?

Answer: _1215_

3. The barons met John in 1215 in what field on the Thames River in Surrey?

Answer: _Runnymede_

5. Expand each of the following computer acronyms FTP each.

a) COBOL

Answer: _Common Business Oriented Language_

b) LISP

Answer: _List Processing_

c) FORTRAN

Answer: _Formula Translation_

6. Identify the Charles Dickens novels from characters FTP each.

a) Uriah Heep and Mr. Micawber

Answer: _David Copperfield_

b) Bob Cratchit and Tiny Tim

Answer: A _Christmas Carol_

c) John Jarndyce and Esther Summerson

Answer: _Bleak House_

7. FTP each, answer the following questions about Sophocles' _Oedipus Rex_.

a) What was the name of Oedipus' real father, whom he killed in a standoff at a place where three roads met?

Answer: _Laius_

b) Who is the blind prophet who foresees Oedipus' downfall?

Answer: _Teiresias_

c) For a final ten points, who is the brother of Jocasta who succeeds Oedipus to the throne after Oedipus' self-inflicted exile?

Answer: _Creon_

8. Identify the following men who researched animal learning and behavior on a 5-10-15 basis.

5) While studying digestion, this Russian physiologist noticed that after a time of conditioning, a bell alone could trigger salivation for expected food.

Answer: Ivan _Pavlov_

10) This Austrian author of _On Agression_ used goslings in his experiments on imprinting.

Answer: Konrad _Lorenz_

15) This psychologist tried to train pigeons to guide rockets during World War II. He is the author of _Walden Two_.

Answer: B. F. _Skinner_

9. Answer the following about the Spanish-American War.

1. In 1969, a U.S. Navy research investigation determined that a defective boiler caused the 1897 explosion of what battleship in Havana harbor?

Answer: The _Maine_

2. The First Volunteer Cavalry Regiment was better known by what nickname?

Answer: The _Rough Riders_

3. The Rough Riders, led by Theodore Roosevelt, led the charge up Kettle Hill, which flanked a Spanish fortification on what other hill by whose name the action is now known?

Answer: _San Juan_ Hill

10. Answer the following questions about the Apollo 11 mission.

a) FTP, all or nothing, what was the month, day, and year that the _Eagle_ landed on the Sea of Tranquility?

Answer: _July 20, 1969_

b) FTP, all or nothing, who were the two astronauts who landed in the lunar module?

Answer: Neil A. _Armstrong_ and Edwin E. "Buzz" _Aldrin_

c) For a final ten points, who was the pilot of the command ship Columbia, the other member of the Apollo 11 crew?

Answer: Michael Collins

11. 30-20-10, identify the African nation.

30: Mungo Park explored it in 1795, and it is the home nation of Nobel Prize-winning poet Wole Soyinka.

20: The Christian Ibo tribe withdrew from this nation to form the country of Biafra in 1967.

10: Its capital is Abuja, but the largest city is Lagos.

Answer: Nigeria

12. Identify the composers of the following operas FTP each.

a) Hansel and Gretel, 1893

Answer: Engelbert Humperdinck

b) Der Rosenkavalier, 1911

Answer: Richard Strauss

c) Dido and Aeneas, 1689

Answer: Henry Purcell

13. Arrange the Great Lakes in decreasing order of size for five points each and a five point bonus for all in correct order.

Answer: Superior, Huron, Michigan, Erie, Ontario

14. Identify the following science fiction authors from works on a 10-5 basis.

a) 10) Starship Troopers and Space Cadet

5) Stranger in a Strange Land

Answer: Robert Anson Heinlein

b) 10) Dandelion Wine and When Elephants Last in the Dooryard Bloomed

5) The Martian Chronicles and Fahrenheit 451

Answer: Ray Douglas Bradbury

c) 10) "The Nine Billion Names of God" and Childhood's End

5) 2001: A Space Odyssey and The City and the Stars

Answer: Arthur Charles Clarke

15. On March 8th, 1862, a Confederate ship called the Virginia rammed and sank the USS Cumberland and USS Congress. Answer the following:

1. What was the other name given to the Virginia, an ironclad ship with 10 large guns?

Answer: The Merrimack

2. What Union ship, described as a "cheesebox on a raft," moved to meet the Virginia on the following day?

Answer: The Monitor

3. The battle of the Monitor and Merrimack took place at what site near Norfolk?

Answer: Hampton Roads

16. Answer the following questions about the Greek god Zeus for the stated number of points.

a) For five points each, who were Zeus' parents?

Answer: Cronus and Rhea

b) FTP, which sister-wife of Zeus was the goddess of marriage and family? She was the mother of Ares and Hebe.

Answer: Hera

c) For a final ten points, who was Zeus' first wife, an oceanid whose name means "cleverness"? Zeus swallowed her while she was pregnant with Athena, and she was born when Hephaestus struck Zeus' head with an ax.

Answer: Metis

17. Identify the author from works 30-20-10.

30) "The Postmistress of Laurel Run" and The Lost Galleon and Other Tales

20) "Plain Language From Truthful James" and Tales of the Gold Rush

10) "The Luck of Roaring Camp" and "The Outcasts of Poker Flat"

Answer: Francis Bret Harte

18. On July 19th and 20th, 1848, the first public political meeting in the United States dealing with women's rights was held in New York. Answer the following about it for 10 points each:

1. First, what was the name of the convention, also the name of the New York town in which it was held?

Answer: The Seneca Falls Convention

2 and 3. Now, for 10 points each, who were the two Quaker women who organized it?

Answer: Lucretia Mott and Elizabeth Cady Stanton

19. Your bonus is on the periodic table. Answer the following:

1. Aluminum, Gallium, Arsenic, and Antimony are all what kind of element that has properties of both metals and non-metals?

Answer: Metalloids

2. The metals in the first group of the periodic table -- lithium, sodium, potassium, rubidium, cesium, and francium -- are known by what collective name?

Answer: alkali metals

3. The second group of the periodic table contains calcium, strontium, barium, and radium -- all divalent metals. The group is also called by this name.

Answer: alkali earth metals or alkaline earth metals

20. Give the capitals of the following African nations, 5 each:

1. Burkina Faso

Answer: _Ouagadougou_

2. Botswana

Answer: _Gaborone_

3. Djibouti

Answer: _Djibouti_

4. Ghana

Answer: _Accra_

5. Benin

Answer: _Porto-Novo_

6. Chad

Answer: _N'Djamena_