

G.A.T.A. 1993 State Tournament - Round 13

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T1. This psychologist broke with his teacher, Freud, and founded a school of thought known as "individual psychology." For ten points, name this Austrian psychiatrist.

Answer: Alfred Adler

B1. For ten points each, identify the archaeologists who discovered the following.

1. King Tut's Tomb

Answer: Howard Carter

2. the ruins of Troy

Answer: Heinrich Schliemann

T2. His armies defeated the Romans at Soissons in 486 and the Visigoths at Vouille in 507. A leader of the Salian Franks, he converted to Christianity on Christmas Day, 496 and is the founder of the Merovingian Dynasty. For 10 points, name this Frankish chieftain.

Answer: Clovis I

B2. Identify the following political groups from the French revolution for 10 points each.

1. Warville and Verniod were some of the leaders of this group who were executed. Composed of well-educated moderate Republicans, the group dominated the national assembly in 1791 and 1792. Their decline began with the overthrow of the monarchy by the radicals.

Answer: Girondists

2. This group began in 1789 as a group of moderate deputies to the National Assembly. Following the overthrow of the King in 1792 this club admitted Montagnards and became more radical. Members of this group set up the dictatorship and ran the Reign of Terror.

Answer: Jacobins

T3. Its western half belongs to Indonesia, while its eastern half is part of the nation of Papua New Guinea. For ten points, name this island, the second largest in the world.

Answer: New Guinea

B3. Identify these Canadian Rivers for 10 points each.

1. It flows northwest from the Great Slave Lake to the Arctic Ocean.

Answer: Mackenzie River

2. Flowing east into Lake Winnipeg, it is one of the major rivers of the province with the same name.

Answer: Saskatchewan River

T4. She based "The Autumn Garden" on her New Orleans' aunts who ran a boarding house. The same two women appear again in "Toys in the Attic". For 10 points, identify this American playwright whose other works include "Watch on the Rhine" , "Another Part of the Forest", and "The Little Foxes".

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Answer: Lillian Hellman

B4. For 10 points each, identify the following Eugene O'Neill plays from brief descriptions.

1. A Pullman porter takes over a West Indian island

Answer: The Emperor Jones

2. The 1956 autobiographical play about the Tyrone family.

Answer: Long Day's Journey Into Night

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T5. Last fall 13 of these creatures were hatched at the National Zoo in Washington, the first ever incubated and hatched outside Indonesia. They are native to only a few islands and are known for their cowardly ambushes, despite their immense size. For 10 points, name this large monitor, the largest living lizard.

Answer: Komodo Dragon

B5. Identify these parts of flowers for 10 points each.

1. The outermost part of a flower which surrounds the corolla, it consists of several sepals.

Answer: calyx

2. These are the individual parts of the corolla.

Answer: sepal(s)

T6. It was an enormous picture that portrayed a public scandal: a ship's captain, a political appointee, had abandoned 135 passengers and crew of a shipwrecked vessel. For 10 points, identify this painting of ghastly suffering by Theodore Gericault that caused a sensation at the Salon of 1819.

Answer: The Raft of the Medusa

B6. Identify the sculptors of the following works for 10 points each.

1. The Burghers of Calais

Answer: August Rodin

2. Bird in Space

Answer: Constantine Brancusi

T7. It was developed by a 19th century British mathematician to allow logic to be expressed as an algebra of sets. For 10 points, what is this special type of algebra that is important in basic computer operations?

Answer: Boolean algebra

B7. For 10 points each, given the binary numbers [read slowly] 1011 and 1010, perform the following logical operations.

1. 1011 OR 1010

Answer: 1011

2. 1011 AND 1010

Answer: 1010

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T8. It is known as the "mandoura" in Greece, "zampogna" in Italy, "cornemuse" in France, and the "dudelsack" in Germany. It is a musical instrument whose parts include the chanter and the drones. For 10 points, identify this instrument most associated with Scotland.

Answer: Bagpipes

B8. For 5 points each, identify the musical instrument for which the following is famous for playing.

1. Arthur Rubinstein

Answer: piano

2. Ravi Shankar

Answer: sitar

3. Yo Yo Ma

Answer: cello

4. Andres Segovia

Answer: guitar

T9. He was immortalized as "The Hero as Divinity" by Thomas Carlyle. His immediate family included brothers Vili and Ve and his parents Bor and Bestla. For 10 points, identify this father of Thor, the chief deity of Norse mythology.

Answer: Odin or Woden or Wotan or Woutan or Votan

B9. For 10 points each, from their works, identify the following British authors who wrote on mythology.

1. The Golden Bough

Answer: Sir James Frazer

2. The White Goddess

Answer: Robert Graves

T10. It is a spring constellation that includes the Pleiades, the red giant Aldebaran, and the Crab Nebula. For 10 points, identify this prominent northern hemisphere constellation lying between Aries and Gemini.

Answer: Taurus

B10. Answer the following questions about galaxies for 10 pts. each.

1. What type of galaxy is the Milky Way?

Answer: spiral

2. M31 is the only other named spiral galaxy in the local group of the Milky Way. What name is given to this galaxy?

Answer: Andromeda

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T11. It takes its name from the Greek for finger, that is, three joints counted from the knuckle. It consists of three syllables and was used by Tennyson in The Charge of the Light Brigade. For 10 points, what is this metrical foot of rhythm long/short/short.

Answer: dactyl

B11. Give the common English expression for the following foreign phrases for 10 pts. each. (accept close equivalents on each)

1. tempus fugit

Answer: time flies

2. tout est bien qui finit bien

Answer: all's well that ends well

T12. Pencil and paper ready for a physics toss-up. For 10 points, what is the voltage across a resistance of 10 ohms through which a current of 5 amps is flowing?

Answer: 50 volts

B12. Many terms in physics start with the letters "elec". For 5 points each, identify the the following:

1. It is the name applied to a conducting element in an electric cell, electronic tube, or semi-conductor device.

Answer: electrode

2. It is a substance whose solution conducts an electric current.

Answer: electrolyte

3. It is a charged particle having a mass of 9.1 times 10 to the minus 31 kilograms.

Answer: electron

4. It is a device used to observe the presence of an electrostatic charge

Answer: electroscope [not electrometer]

T13. As a youth he became a revolutionary and by 1949 had organized the Free Officers, a revolutionary military group that forced King Farouk from the throne. For 10 points, identify this man who in 1954 became premier of the republic of Egypt.

Answer: Gamal Abdel Nasser

B13. Answer the following questions about the English Civil War for 5 points each.

1. What monarch was overthrown during the war?

Answer: Charles I

2. What was the three word name of the military force of the Parliament?

Answer: New Model Army

3. What title was taken by Oliver Cromwell during his rule?

Answer: Lord Protector

4. What nickname is given to the Parliament that sat from 1640 to 1660 ?

Answer: Long Parliament (do not accept Rump Parliament which was the remnant of the long Parliament)

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T14. In the kidney, the hormone aldosterone acts to preserve sodium atoms at the expense of ions of this element. Its carbonate, known as potash, was the source from which Sir Humphrey Davy extracted it in 1807. For 10 points, identify this chemical element with atomic number 19.

Answer: potassium

B14. Identify the following "hy" terms from chemistry for 5 points each.

1. a reaction in which water is added to an alkene

Answer: hydration (do not accept hydrogenation)

2. a process in which several atomic orbitals mix to form an equivalent number of orbitals sharing characteristics of both.

Answer: hybridization

3. a device used to measure the specific gravity of a liquid

Answer: hydrometer (do not accept hygrometer)

4. a term describing salts and other compounds that remove moisture from the air

Answer: hygroscopic

T15. It was based on the fate of the prefect Hruodlandus who was ambushed in 778. Characters in it include Bishop Turpin, the treacherous Ganelon, and the title character's best friend Olivier. For 10 points, identify this Chanson de Geste that tells the story of its title character's demise at the pass of Roncesvalles.

Answer: Song of Roland or La Chanson de Roland

B15. Given an area of specialty, identify the Greek muse of that field. 5 pts. each.

1. History

Answer: Clio

2. Sacred Verse

Answer: Polyhymnia

3. Love poetry

Answer: Erato

4. Epic poetry

Answer: Calliope

T16. This Italian composer dominated the operatic scene of the early 19th century. For ten points, name this composer of The Italian Girl in Algiers, William Tell, and The Barber of Seville.

Answer: Giacchino Rossini

B16. For 5 points each, identify the following composers as representative of either the baroque, classical, orphist, romantic, or impressionist schools.

1. J.S. Bach

Answer: baroque

2. Ludwig von Beethoven

Answer: classical

3. Johannes Brahms

Answer: romantic

4. Maurice Ravel

Answer: impressionist

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T17. Pencil and paper ready. For 10 points, what is the value of the definite integral of

$(x + 1)^2 dx$ [x plus 1 quantity squared dx] from zero to 1?

Answer: $2 \frac{1}{3}$ or $\frac{7}{3}$

B17. Given the equation $y = x + 1$. For 10 points, find the area of the region bounded by the line, the x-axis, the y-axis and the line $x=3$.

Answer: 7.5 or $\frac{15}{2}$

For an additional 10 points, what is the area of a parallelogram of height 3, and parallel sides of length 50 and 60?

Answer: 165

T18. He published *Man Against the Sky* in 1916 and followed it with three long Arthurian poems: *Merlin*, *Lancelot*, and *Tristram*. For 10 points, identify this American poet best known for "Mr. Flood's Party", "Miniver Cheevy", and "Richard Cory".

Answer: Edwin Arlington Robinson

B18. Identify the American authors of the beat generation from their works for 5 points each.

1. *Howl*

Answer: Allen Ginsberg

2. *The Dharma Bums*

Answer: Jack Kerouac

3. *Coney Island of the Mind*

Answer: Lawrence Ferlinghetti

4. *One Flew Over the Cuckoo's Nest*

Answer: Ken Kesey

T19. This disease is caused by a recessive gene carried on the X- chromosome, which explains why females are often unaffected carriers, as in the famous case of Queen Victoria. For ten points, name this disease.

Answer: Hemophilia

B19. For 10 points each, identify the following Italian biologists.

1. He verified Harvey's theory of capillary circulation.

Answer: Marcello Malphigi

2. He discovered a method for staining nerve cells and shared the 1906 Nobel prize in medicine and physiology.

Answer: Camillo Golgi

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T20. Its proposals included a full-employment law, a higher minimum wage, fair employment practices, and extension of the Social Security program. Though it was first outlined in 1945, the name applied to it was first used in the 1949 State of the Union address. For 10 points, what is this two word name given to President Truman's domestic program?

Answer: Fair Deal

B20. For 10 points each, identify the following unsuccessful candidates for the U.S. presidency, given the year they ran and the party they represented.

1. 1920, Democratic party

Answer: James M. Cox

2. 1852, Whig party

Answer: Winfield Scott

T21. He was the first to show that the boiling point of liquids varies with temperature and pressure and in 1709 devised an alcohol thermometer. For 10 points, identify this man best known for inventing the temperature scale that fixed the freezing point of water at 32 degrees. Answer: Gabriel Daniel Fahrenheit

T22. He represented Mississippi in the U.S. House in the 1840's and from there went to the Senate where he served from 1847 to 1851 and from 1857 to 1861. From 1853 to 1857, he served as Secretary of War in the cabinet of Franklin Pierce. For 10 points, identify this man who in 1861 was elected the President of the Confederacy.

Answer: Jefferson Davis