

## 2003 MASER

### Round 8

#### Toss-up Questions

1. He coined the term federalism in a 1788 address and did more than anyone else to pass the Bill of Rights. The greatest trial lawyer of his day and famous for arguing the Parson's Cause, ill health stopped him from taking a cabinet post. As Virginia governor, he refused to equip fighting men of other states until Jefferson pressured him into supplying George Clark's expedition against Kaskaskia. At the First Continental Congress, he said, "Let freemen be represented by numbers alone," but his words caused the Speaker to charge treason at the Stamp Act Congress. FTP, name this patriot who said, "I know not what course others may take, but as for me, give me liberty or give me death."

Patrick Henry

2. Its protagonist is onstage longest of Shakespearean characters and Colly Cibber originated its famous line, "Off with his head! So much for Buckingham!" That character was an accomplice in killing Queen Elizabeth's family and proclaiming his master king, but switched to Henry Tudor's side. Opening with the line, "Now is the winter of our discontent/Made glorious summer by this sun of York," it sees the title character wed the dead king's wife, delight in her death and try to marry his own niece before murdering his nephews. FTP, name this play about a usurper who offered his kingdom for a horse at Bosworth.

King Richard III

3. Atypical of its time, its subject's face is shown straight on and the pose seems drawn from Greek sculpture. Nearly six feet tall, it is painted over a partially finished work of the artist and has a very dark background. The silver trim is the most eye-catching part and the artist, then based in Bath, apparently chose the archaic costume as a tribute to Van Dyck. Now found at the Huntington Library, it is said to depict a rich hardware dealer's son, Jonathan Buttall, who holds his feathered hat in his hand. The artist also did a similar portrait with a subject in pink, seemingly still a manly shade in 1770. FTP, name this Thomas Gainsborough work depicting a cherubic young man in brightly colored clothing.

The Blue Boy

4. The U.S. created an artificial one with the "Starfish" hydrogen bomb test in 1962 and one attack scenario involves exploding nuclear missiles at high altitudes to increase their power and destroy low-orbit satellites. Scientists once thought that they only existed during storms, confused by the inability of overwhelmed instruments to take any readings. The outer one's existence depends on a ring current of particles moving from end to end of field lines, ions moving clockwise in the north and electrons going the other way. The much more stable inner one arises from cosmic ray collisions and is avoided by spacecraft. FTP, name these areas of charged particles discovered by Explorer I and named for that ship's builder.

Van Allen Radiation Belts

5. A great chess fan, a difficult version with camels, giraffes and 110 squares

was produced at his court. Anyone joking in his presence was executed on the spot and he scared away the Knights of St. John's reinforcements by hurling human heads at their ships. After Bayezid questioned his virility, he won the battle of Angora and used that man as a human footstool and his wife as a naked waitress. He had 4000 Christians buried alive in 1400 and massacred 100,000 prisoners in India. Taking his sobriquet from an injury sustained while rustling sheep, he was preparing an invasion of China when he died in 1405. FTP, name this lame conqueror who ruled from Samarkand.

Tamerlane or Timur-l-leng

6. His "For Tom Postell, Dead Black Poet" says, "Smile, jew. Dance, jew. Tell me you love me, jew...I got the extermination blues, jewboys." He claims whites killed Malcolm X and his "American Sexual Reference: Black Male" contends "Most American white men are trained to be fags." A Howard graduate and convert to Islam, his first major work was Preface to a Twenty Volume Suicide Note; sad to say, he failed to make good on that plan. He accused the Israeli government of complicity in 9/11 and his most famous work concerns a Negro's subway seduction by a white girl. FTP, name this racist fool who served as New Jersey's Poet Laureate and wrote Dutchman.

Amiri Baraka or Everett Leroy Jones or Leroi Jones

7. While touring the segregated South in the Forties, he told local sheriffs his white trumpeter, Red Rodney, was a Negro named "Albino Red." He started out in Kansas City, but toured the country with Jay McShann and helped him that man record "Confessing the Blues." He and Dizzy Gillespie made "Salt Peanuts" and "Shaw Nuff," but he led his own groups after 1945, when he made the album A Night in Tunisia and the singles "Now's the Time" and "Ornithology." In 1955, he died at Lord Rothschild's sister's apartment one week after last performing at a club named for him, the Birdland. FTP, name this jazz saxophonist whose seminal single "Ko Ko" was the first well-known be-bop melody and who was called "Yardbird."

Charlie Parker

8. It has been calculated mathematically with least precision, only to four decimal points rather than the six of other forces. It is assumed to travel at the speed of light, but that is uncertain because no unambiguous proof of its associated waves has been found. Einstein predicted its gauge boson in 1916, but that has never been seen. Indirect evidence for its waves came from observation of a binary pulsar, for which the 1974 Nobel was won. It causes all masses to exert force on all other masses in inverse proportion to the square of distances. FTP, name this force which must exist because you aren't floating into space.

Gravity

9. The Baro is its only navigable waterway and the Simien mountains are the highest remnants of land uplifted by volcanoes 40 million years ago. Sorghum

and castor beans were both first cultivated here and it occupies 4% of Africa's land area, but has 50% of its land over 2000 meters high and 80% of land over 3000 meters, including this country's highest point, Ras Dejen. Its Denakil Depression is only 125 meters above sea level and its Lake Tana is the source of the Blue Nile. It had a Red Sea coastline and a navy until Eritrea, the country against which it fought in 2000, seceded. FTP, name this country with capital at Addis Ababa that is famous for starving.  
Federal Democratic Republic of Ethiopia

10. In *The Jew of Malta*, he enters in the prologue, saying, "I count religion but a childish toy and hold there is no sin but ignorance." Frederick the Great wrote a condemnation of him in 1740 and the Devil's title, Old Nick, is said to be an abbreviation of this man's name, since he attacked Christianity for pacifying and dividing the people. A Florence chancery worker, he founded a militia company to replace the mercenaries he said were ruining Italy and his *Discourses Upon Livy* described the corruption that comes from political factions. FTP, name this author whose study of history to provide guidelines for rulers is called *The Prince*.  
Niccolo Machiavelli

11. He was the first to ever suggest that women had a role in creating babies and recommended a toothpaste made from three mice and the head of a rabbit, as well as rescuing Democritus from being certified insane. His *Airs, Water and Places* claimed diseases are caused by weather and water supplies and his *Aphorisms* contains the phrase "Desperate cases need the most desperate remedies." Artaxerxes invited him to heal a plague that was decimating that Persian king's army and he said medicine needs theories, not just empirical observations. FTP, name this Greek Father of Medicine on whose principles an oath is based.  
Hippocrates

12. Its associated decay occurs in the substantia nigra and MAO-B in synapses then uses up its leftover neurotransmitter, causing an overabundance of acetylcholine. It is not usually inherited and its symptoms are slowness of motion, poor coordination, stiffness of the limbs and, especially, tremors, which led a London doctor to describe it as "Shaking Palsy." The most famous drug used in its treatment came into use in 1967 and doctors found that many patients had erections as a side effect, inspiring the porno movie *El Dopa*. FTP, name this motor system disease caused by loss of dopamine-producing cells.  
Parkinson's Disease

13. Son of the Bavarian Crown Prince's tutor, he served in World War I before finishing high school. A failed fertilizer salesman and chicken farmer, he became head of Hitler's bodyguards in 1929, personally designing his men's uniforms on the Jesuit model. He and Reinhard Heydrich, worked to free their organizations from Ernst Rohm's control and finally defeated him in 1934. A nominal subordinate of Goering as Minister of the Interior from 1943 to 1945, he wished

to create a new aristocracy based on "laws of selection" and said "there is no more living proof of hereditary and racial laws than in a concentration camp." FTP, name this Nazi commander of the SS and Gestapo.

Heinrich Himmler

14. It divides all learning into changeable opinion and true knowledge, which is eternal. The four levels of thought range from guesswork, which the author likens to reflections in water, to abstraction, grasping the purest essence of things. Its more famous political program depends on the definition of justice because souls must be shaped to conform to the just. Man's nature has rational, spirited and appetitive aspects which must work together under the guidance of reason. Cities can be founded on truth and goodness when soldiers are brave, people are not consumed by greed and leaders are wise. FTP, name this work of Plato that declares "Until philosophers are kings...cities will never have rest from their evils."

The Republic

15. Lloyd George was so grateful to Chaim Weizmann for ending its shortage that he gave him direct access to Lord Balfour. Acquired by catalytic dehydrogenation of isopropanol or fractional distillation, it is used to produce indigo and is made when the body burns fat. It is always present in blood, but is found in large quantities only in starving people and diabetics. Also known as dimethyl ketone and 2-propanone, it smells fruity and is easily solvent in water and other organic substances, making it the key ingredient in nail polish. FTP, name this simplest aliphatic ketone, written  $\text{CH}_3(\text{CO})\text{CH}_3$

Acetone (Accept dimethyl ketone, 2-propanone, dimethyl formaldehyde or beta-ketopropane early.)

16. Before dying in the arms of Jean Harlow, he did all his own stunts, including leaping through candy windows, opening locked doors and closing the gates of a dam. Known as the "mortgage lifter" for saving his company from bankruptcy, he got his big break when he demonstrated his ability to jump 13 ½ feet and was soon receiving 10,000 fan letters a week. Darryl Zanuck wrote his scripts for *Where the North Begins* and *Clash of the Wolves* and his first sound picture was *Frozen River*. Named for a French doll, he was discovered in a bombed-out German building by an American soldier. FTP, name this Warner Brothers star of the Twenties who was a German shepherd.

Rin Tin Tin

17. Landlords evading part of it are similar to a perfectly price-discriminating monopsonist's suppliers. A number of landlords with varying abilities to evade it will create adequate supply, but there is still a deadweight loss because the selection of landlords is limited. It doesn't allow a market-clearing price to be reached and creates an excess of demand over supply, causing shortages, long waits and poor quality. The inefficiencies it creates cost New York City \$2.3 billion a year and keep vacancy rates under 3%, while the national rate is 9.4%



while its end in Cambridge, Massachusetts caused a 20% rise in available housing over nine years. FTP, name this artificial suppression of housing costs  
Rent Controls

18. He prohibited nuns under his charge from eating beans because he thought flatulence would increase sexual appetite by tickling the genitals. Patron saint of students and author of the anti-heretic diatribe, *Dialogi contra Pelagianos*, Pope Damasus encouraged him in his great task after he translated the *Chronicles of Eusebius*. Often moved to allegory when he failed to deduce literal meanings, he found his task necessary after concluding the Septuagint could not be the inspired version. Quite a journey for a former pagan who befriended a lion with a thorn in its paw while living as a hermit. FTP, name this man who translated the Hebrew Bible into the Vulgate.

St. Jerome or Eusebius Hieronymus Sophronius

19. They are used to pass cremated remains at funerals, but never used for drumming unless one is a beggar. Japanese ones are shorter than the Chinese type, especially for women. Lacquer was first applied to them 2000 years ago and wooden ones were created in 1878. Invented about 1500 BC, the oldest ones extant come from the Tang dynasty and emperors used silver ones because they were said to turn black in the presence of poison. Their use allowed food to be chopped into smaller pieces, so less fuel was needed for cooking and the first ones were made from single pieces of bamboo split in two halves. FTP, name these Asian eating utensils.

Chopsticks

20. The idea for the Three Gorges Dam was originally his and his tomb is near Emperor Hong Wu's on Purple Mountain because both restored native rule. He tried to end his countrymen's habits of spitting, farting too much and growing long fingernails, saying foreigners didn't respect those without "personal culture." He personally led his first uprising in 1895 and formed his Three Principles of the People in 1905, but only learned about the successful revolution from a newspaper he read in Denver. Becoming provisional President of the Chinese republic in 1911, he was forced back into exile two years later. FTP, name this first leader of the Kuomintang and founder of modern China.

Sun Yat-Sen or Zhong Shan

21. Police kept a mob from the morgue with nightsticks and spread bodies on a pier which was boarded up to prevent relatives from jumping off. Three men made a human chain across an alley, but fell to their deaths when too many climbed on. One leaping girl caught her dress on a wire and hung in space until the cloth burned, while piles of corpses prevented untangling of hoses. Two elevators rescued dozens until the cables burned and the air was filled with names screamed in Italian and Yiddish. Manager Sam Bernstein phoned the fire department and tried to fight the blaze, but it spread too fast. FTP, name this 1911 New York City disaster that killed 146.

### Triangle Shirtwaist Factory Fire

22. Its most sacred parts are two chapels, the Phakpa Lhakhang and the Chogyal Drubphuk. Opera was performed in its Deyang Shar courtyard and its hallways are filled with murals depicting the Jokhang Temple's construction and the arrival of Princess Wen Cheng. Pilgrims pay respects to Arya Lokeshvara, a holy statue, and the many tombs of its inhabitants. Its White Palace was built before the Red and it once contained a large monastery school. It occupies the site of Avalokitesvara's sacred cave on Marpo Ri hill and an A.D. 637 palace built by Emperor Songsten Gampo is incorporated in the foundation. FTP, name this Lhasa palace, former seat of the Dalai Lama and the Tibetan government.

### Potala

23. Inspired by a nightmare, the author burned a first version while fighting with his American wife, Fanny. After elaboration of moral aspects, it made his fortune and soon became an idiom. The story is told by a lawyer named Utterson who, though a tolerant man, grows disdainful of his client's associate. He sees the second character when a door is forced and the protagonist commits suicide. The evildoer arose when a physician's drug separated out the worst parts of his nature. FTP, name this Robert Louis Stevenson work about a split personality. The Strange Case of Dr. Jekyll and Mr. Hyde

24. One story concerns Fereidun's sons, who murder a younger brother out of envy. Its Sudabeh is like Phaedra in loving and being rejected by her stepson, Siyavosh. It tells of many Pahlavans, or heroes, but only Rostam is declared Champion of the World and even his envious rival, Tus, acknowledges his guardianship of farr, the right of kingship. Its 55,000 couplets are a translation of a Pahlavi work covering events to the time of Khosrow II and a little beyond. It took thirty years to write and used almost no Arabic, helping revive its author's native tongue. FTP, name this Persian epic by Ferdowsi.

### Shahnameh or Book of Kings

### Bonus Questions

1. Answer these related questions from thermodynamics FTPE.

It consists of adiabatic compression, isothermal expansion, adiabatic expansion and isothermal compression.

### Carnot Cycle

This cycle admits air only on intake strokes. After air is adiabatically compressed and injected with fuel, slow burning approximates an isobaric explosion.

### Diesel Cycle

Perfect by Philips and able to recycle much heat, this device uses one side's hot air to push a piston. Air cools on the other side before a second piston returns it.

### Stirling Engine

2. Answer these questions about a British prime minister FTPE.

Notorious for an affair with the married duchess of Devonshire, he followed Fox as Whig leader and was foreign secretary in the Napoleonic Wars before finally becoming prime minister in 1832.

Charles Grey, 2<sup>nd</sup> Earl Grey

Grey's only important accomplishment, it enfranchised households worth 10 pounds. Trollope's Domestic Manners was cited in the campaign against it by Tories for the book's attacks on American egalitarianism.

1832 Reform Bill or Act

This king made 66-year-old Grey prime minister and forced the Reform Act through the House of Lords. Son of George III, he was followed by Victoria.

William IV

3. Answer these questions about a composer and his works FTPE.

His name was mistakenly altered in credits for "Marie from Sunny Italy," his first song, and he never corrected the error. He is known for "Blue Skies," "There's No Business Like Show Business" and hundreds of other tunes.

Irving Berlin or Baline

Berlin assigned all future royalties from this to Boy Scouts, Girl Scouts and Campfire Girls. Introduced by Kate Smith, this patriotic tune is an unofficial national anthem.

God Bless America

This Berlin song gained lasting fame when Bing Crosby sang it in "Holiday Inn." It hit number one for Crosby three times and is the best-selling holiday recording ever made.

White Christmas

4. Answer these questions from physics FTPE.

Einstein failed to link two fundamental forces as this, but two Americans and a Pakistani created it in 1968 to show that two forces become one at high temperatures.

Electroweak Theory or Interaction

All or nothing, these three exchange particles needed to prove electroweak theory were found in 1983. 80 times bigger than protons, one is negative, one positive and one neutral.

W<sup>+</sup>, W<sup>-</sup> and Z

Electromagnetism affects only electrically charged particles, but the weak force usually affects these particles that include electrons and muons.

Leptons

5. Answer these questions about an author and his works FTPE.

His relatives gave him money to study law, but he gambled it all away and then missed his ship to America. Failing to graduate medical school, but still addressed as "Doctor," he wrote The Citizen of the World and She Stoops to Conquer.

Oliver Goldsmith

This Goldsmith elegy presents a grossly idealized version of country life being destroyed by economic change in the form of greedy landlords.

The Deserted Village

Dr. Primrose holds the titular position in a hamlet. He goes through the seduction of his daughter, loss of money, home and freedom before being restored to good fortune.

The Vicar of Wakefield

6. 5-10-15, answer these questions about naval history of the War Between the States.

5-This vessel was originally a scuttled Union frigate, but Confederate engineers attached iron plates and sent it into battle with the Monitor.

U.S.S. Merrimac or C.S.S Virginia

10-His Spanish father fought in the Revolution and War of 1812. First Admiral of the Navy, he won victories at New Orleans and Mobile Bay and said, "Damn the torpedoes! Full speed ahead!"

David Glasgow Farragut

15-Known as the "Old Wagon," this ship was the first in the Confederate navy. It served for fifty years after its famous battle with the Macedonian.

United States

7. 5-10-15, answer these questions about snakes in world mythology.

5-Thor hooked it while fishing with Hymir one day, but it swam away and waits for its chance to take a bite out the Thunder God.

Midgard Serpent or Jormungandr

10-King of the Vedic gods, his greatest service was smashing the water-stealing serpent, Vritra, after getting high on soma and breaking down ninety-nine fortresses.

Indra

15-Aborigines say these snake-like beings created the Australian landscape while crawling along "dreaming tracks" on their journey inland from the sea.

Rainbow Serpents

8. Name the following famous Seventh-Day Adventist entertainers FSNP.

5-This singer later became a Jehovah's Witness, but was raised a Seventh-Day Adventist. He is famous for "1999," "When Doves Cry" and many other songs.

Prince or The Artist Formerly Known as Prince or Prince Rogers Nelson

10-Son of an SDA pastor who made moonshine on the side, he sang about a Miss Molly who "sho' like to ball." Lyrics to his "Tutti Fruit" were altered from "good booty" to "aw-rootie."

Little Richard Wayne Penniman

15-This SDA pastor starred in the 2001 movie The Painting, but is better known for roles in Amen and That's My Mama. He is a clean-cut guy who doesn't sing nasty songs, which is probably why you haven't heard of him.

Clifton Davis



9. Answer these questions about color vision FTPE.

These photoreceptor cells are responsible for color vision and work only in bright light.

Cone Cells

This pigment composed of opsin linked to 11-cis retinal absorbs light up to 500 nm long. It catalyses vision's only light sensitive activity.

Rhodopsin

The rhodopsin gene for these dinosaur ancestors of the Triassic has been recreated and it responds to redder light than that of humans, so they were probably nocturnal.

Archosaurs

10. Name these people famous only for dying FTPE.

This Brownshirt was killed by Communists in a fight over a prostitute, then added him to a song as an ideal Nazi.

Horst Wessel

She indirectly created the New York City 911 system when attacked by a knife-wielding man in 1964. Many heard her screams, but no one called police for thirty minutes.

Kitty Genovese

A secretary to Robert Kennedy, she left a Martha's Vineyard party with Ted and drowned when the car went off a bridge, something not reported until the next morning.

Mary Jo Kopechne

11. Answer these questions about a philosopher FTPE.

This Scottish thinker said all ideas come from sensory impressions and beliefs arise from feelings, not reason. He wrote An Enquiry Concerning Human Understanding.

David Hume

Hume made the greatest defense of this doctrine, showing empiricism always leads to the denial that anything can be known and the existence of an external world cannot be proved.

Skepticism

This Hume work is a series of arguments and counterarguments between an educated theist, Cleanthes, and an atheist, Philo, with comic relief provided by the pious Demea.

Dialogues Concerning Natural Religion

12. Answer these questions about an author and his works FTPE.

He is the English language's second most widely published playwright. Starting with Come Blow Your Horn, he went on to write Lost in Yonkers, The Sunshine Boys and Brighton Beach Memoirs.

Marvin Neil Simon

This Neil Simon drama shows Eugene Jerome struggling through World War II boot camp in Mississippi and losing his virginity to a kind-hearted prostitute,

### Biloxi Blues

Adapted for television several times, Simon did a sequel in 1998. The original had Walter Matthau and Art Carney as incompatible roommates.

### The Odd Couple

13. Answer these questions about a European war FTPE.

Although the only important ally, Italy, was defeated at Custozza, the next two weeks of this 1866 war saw a string of victories for von Moltke and Falkenstein, ending with Koniggratz.

### Seven Weeks' War or Austro-Prussian War

This treaty ending the Seven Weeks' War treated Austria mildly. It took Venice from her and allowed Prussia to annex several states and form a new North German Confederation.

### Treaty of Prague

Before the armistice, the Austrians were preparing a last stand before Vienna in exactly the same position they failed to hold in this 1809 battle, when the 40,000 casualties Napoleon inflicted convinced them to make peace.

### Wagram

14. Name these Egyptian pharaohs FTPE.

His orchard in the Nile delta was the first known site of apple cultivation. Son of Seti I, he is more famous for his more than 100 children and the strong possibility that he freed the Israelites.

### Rameses II

He had the longest reign in history, lasting 90 years from infancy to decrepitude. After his 2182 B.C. death, Egypt fell into anarchy.

### Pepi II

All we know about him is Manetho said he unified Egypt to become first pharaoh of the First Dynasty. He may have been the same man as Narmer and the Scorpion King.

### Menes the Fighter

15. Name these plant hormones FTPE.

Usually made in roots, plants with altered SHO genes make them everywhere, so they live and produce roots when normal plants would die. They stimulate cell division and lateral growth.

### Cytokinins

Agent Orange is one, but only indoleacetic acid occurs naturally. They increase the plasticity of cell walls to promote growth.

### Auxins

These very common hormones cause stem elongation. They were discovered in a namesake fungus that caused foolish seedling disease in rice.

### Gibberellins

16. 5-10-15, name these 20<sup>th</sup> century American traitors.

5-David Greenglass passed them Los Alamos information and they sent it to the

Soviets. Ethel was prosecuted because Julius wouldn't reveal his fellow agents.  
Rosenbergs

10-Head of counterintelligence for the CIA's Soviet/East European Division, he peddled secrets to the KGB and caused the executions of at least 10 men.

Aldrich Ames

15-This American Jew spied on America for Israel, carrying cases of secret information to an apartment. He had earlier volunteered to spy for South Africa.

Jonathan Jay Pollard

17. Answer these questions about a painter and his works FTPE.

He destroyed 200 of his early works to prevent seizure by creditors, but later became rich in a lottery. He is known for depictions of haystacks and Rouen cathedral, as well as The Bridge at Argenteuil.

Claude Monet

This Monet picture of Le Havre's harbor on a misty morning gave a name to one of the most famous art movements of all time.

Impression:Sunrise or Impression:Soleil Levant

Monet created many pictures of these floating objects seen in the garden of his house in different lights and times of year.

Water Lilies

18. 30-20-10, name the writer from works.

30-Sun and Steel, The Sound of Waves

20-The Sailor Who Fell from Grace with the Sea, Forbidden Colors

10-Confessions of a Mask, The Temple of the Golden Pavilion

Yukio Mishima

19. 5-10-15, answer these questions about an anthropologist and his discoveries.

5-The first white baby ever born in Kikuyuland, he went on to excavate much of Olduvai Gorge with his wife, Mary, finding the oldest Homo sapiens specimen then known.

Louis Leakey

10-Mary Leakey found this first fossil ape ever discovered, a Miocene beast weighing as much as 150 pounds with a brain the size of an Old World monkey.

Proconsul africanus

15-This Tanzanian site excavated by Mary Leakey has a finely preserved set of 3.6-million-year-old footprints, proving Homo erectus was not the first biped.

Laetoli

20. Answer these questions about an author and his works FTPE.

Born in Cuba, this Italian Resistance fighter won the Riccione prize for his first novel, The Path to the Nest of Spiders. He also wrote Cosmicomics and Palomar.

Italo Calvino

This Calvino work has Marco Polo telling the Great Khan stories about places he

has visited, thus teaching him that even his empire contains faults and chaos.

#### Invisible Cities

This novel has Medardo split into good and evil halves by a cannonball. Bad Medardo kills his dad and begins a reign of terror before meeting Good Medardo in a duel.

#### The Cloven Viscount

21. Identify these Asian mountain ranges FTPE.

Marco Polo was the first European to mention these mountains and Bin Laden may be hiding in them. Highest at Communism Peak, they lie mostly in Tajikistan.

#### Pamirs

Extending from the Pamirs, they are found mostly in China's Xinjiang (Sheen-jhong) region. Highest at Pobeda Peak, these "heavenly mountains" contain the famous Terek Pass.

#### Tian Shan

Called "snow land" in Sanskrit, this group made of two parallel ranges runs from the Indus to the Brahmaputra. Both Everest and Kanchenjunga are found here.

#### Himalayas

22. 5-10-15, answer these questions about a famous director and his works.

5-Maker of Notorious, Shadow of a Doubt and Rear Window, this Englishman's characteristic theme was the intrigue surrounding a crime.

#### Alfred Hitchcock

10-Written by John Steinbeck, this Hitchcock film has rich girl Tallulah Bankhead stranded with Hume Cronyn and Walter Slezak after a shipwreck.

#### Lifeboat

15-This 1929 Hitchcock film was Britain's first movie with sound. It has a girl stabbing her rapist to death and hearing clearly only the word "knife" in a subsequent conversation.

#### Blackmail

23. 30-20-10, name the scientist.

30-Convinced that he had created the philosopher's stone, he refused leadership of the Royal Society because he didn't believe in oath-taking.

20-He was the first researcher to carefully describe all experiments so others could reproduce them and declare elements cannot be reduced to simpler substances.

10-He wrote The Skeptical Chemist and his law says volume of a gas varies inversely with pressure.

#### Robert Boyle

24. 5-10-15, answer these questions about an author and his works.

5-Employing a pseudonym meaning "two fathoms deep," he wrote "The Celebrated Jumping Frog" and Huckleberry Finn.

#### Mark Twain or Samuel Langhorne Clemens



10-This Twain autobiography is the first book ever submitted as a typewritten manuscript. It uses dialect to depict Twain's boyhood and time as a river pilot.

Life on the Mississippi

15-The worst of Twain's travel narratives, much concerns animals encountered on his Australian lecture tour. He has nothing good to say about the Boer war and finds India crowded and backward.

Following the Equator