

**Michigan MLK Tournament
2004**

Round by

**Carleton
and
Notre Dame A**

Packet by
Carleton A (Ezra Lyon, Jack Rousseau, Kevin Clair and Mike Austin)
and
Notre Dame A (Troy Androli et al.)

1. The losing commander blamed the whole thing on FitzJohn Porter. Half the Confederate army went with Stonewall Jackson to raid Union supply lines. This caused the Union army to turn and attack his position on Groveton Heights. Jackson held out until the rest of Lee's army arrived and together, on August 30-31 1862 they counter-attacked and forced John Pope to retreat back to Washington in, for 10 points, what battle fought on the same site as the first major battle of the Eastern theatre.

Answer: Second Manassas or Second Bull Run

2. In the *Iliad*, Phoenix tries to persuade Achilles to fight by telling the story of the this King of the Aetolians, who had refused to participate in a fight with the Curetes because he was angry with his mother. In other versions, his mother Althea becomes mad at him for killing her brothers and kills him by throwing on the fire a log whose existence was fated to end with his life. For 10 points, name this man whose father pissed off Artemis so much that she sent down the Calydonian Boar, which this man hunted.

Answer: Meleager

3. The title character is walking with her stepfather when they encounter her mother with another man, called the Captain, whom she has to talk to while the mother and stepfather argue. Neither Beale nor Ida Farange cares much for the title character, who finds her step-parents more congenial. The former Miss Overmore gets Claude and the title character stays with Miss Wix in, for 10 points, what novel by Henry James that deals with the epistemological status of the innocent title heroine?

Answer: What Masie Knew

4. This process is regulated by such factors as the caspases, Bax and Bcl-2. Its stages include membrane blebbing, nuclear condensation and DNA fragmentation. The process is often stimulated by some sort of DNA damage, such as that from UV radiation, and can also be brought on by cytotoxic agents, chemotherapy, and heat shock. FTP, name this cellular process, often known as programmed cell death.

A: apoptosis

5. In 1917, St. John Philby, father of the spy Kim Philby, became the first Englishman to cross it. Wilfrid Thesiger, who died in 2003, was there in the 1940s and made an expedition north from the Hadramaut mountains that had to be secret because local rulers still banned Europeans from their territory. Exploration for oil in the region may eventually cause Oman, Yemen and Saudi Arabia to draw formal lines in the sand, but for the moment there are still no formal borders or indeed much of anything else in, for 10 points, what massive virtually uninhabited region of the Arabian Peninsula?

Answer: Rub al-Khali or the Empty Quarter

6. He appointed Fuficius Fango in 40 B.C. to get control of North Africa, which eventually happened, but he continued to be ignored until, in 37, he was called on to help suppress Sextus Pompey in Sicily and tried to take the island over, at which point Octavian talked his soldiers into defecting and left him to live under near house-arrest for 25 more years. Thus Octavian and Antony could get down to killing each other after the removal of, for 10 points, what third member of Rome's Second Triumvirate?

Answer: Marcus Aemilius Lepidus

7. Soon after his mentor, George Wishart was burned at the stake, he was captured by the French and became a galley slave before being returned to England two years later. He then fled England for continental Europe, where he met up with John Calvin. Returning to his native land in 1559, he helped overthrow the Catholic ruler, Mary, Queen of Scots, and established his own reformed church as the state religion. FTP, name this man, founder of Presbyterianism.

Answer: John Knox

8. Jane Yolen and Vladimir Vagan turned this story into a children's book in 2002. Ivan, a young prince, falls in love with Tser Reyna, a beautiful princess held captive by the ogre Kastchei. With the help of the title creature, Ivan enters Kastchei's castle, lulls the ogre's servants to sleep and smashes the giant egg that holds the ogre's soul. Freed from Kastchei's magic, Tser Reyna marries Ivan. FTP, name this Russian folktale turned ballet, composed by Igor Stravinsky.

Answer: The Firebird

9. Late in life, this man accused Isaac Newton of stealing his ideas on planetary motion and sank into depression. He was a skilled astronomer, and made detailed maps of the Moon's craters, but he is better known for using the compound microscope he invented, to make detailed drawings of sperm, plant cells, and microorganisms that were published in the book *Micrographia* in 1665. FTP, name this English scientist, namesake of a law governing the motion of springs.

Answer: Robert Hooke

10. He was born about 1100 and distinguished himself as abbot of the monastery at St. Rufus in France in 1137. He was appointed a cardinal by Eugene III and spent three years in Scandinavia organizing the bishopric of Trondheim. He succeeded Anastasius IV as pope and crowned Frederick Barbarossa as Holy Roman Emperor, a move which angered the Romans and forced him into exile. FTP, name this man, born Nicholas Brakespear, the only Englishman to be made pope.

Answer: Pope Adrian IV (accept Nicholas Brakespear on early buzz)

11. They emerged from the San Francisco scene of the late 1960s, and the decline of the civil rights movement in the early 1970s influenced their second album, *There's a Riot Going On*, which included the single "Thank You For Talkin' to Me Africa". The first famous fully integrated band in popular music was, FTP, what band whose singles include "Everybody Is A Star" and "Everyday People."

Answer: Sly and the Family Stone

12. Forced labor quotas were causing great hardship, and tensions mounted when the Franciscans preached against kiva ceremonies and attempted to destroy masks and kachina dolls. Under the Tewa religious leader Popé, a surprise attack was launched on the Spanish

colony, killed most of the clergy, destroyed the church at Pecos and drove the Spanish out of northern New Mexico and Arizona. FTP, name this 1680 uprising that shares its name with the dwellings of the Native American tribes that rebelled.

Answer: Pueblo Revolt

13. It is located on the Mid-Atlantic Ridge, and was primarily a relay station managed by the Eastern Telegraph Company from 1922 until 1964. In World War II, the US built "Wideawake" Air Field there, but the island remained a dependency of St. Helena. Currently, it is the home of the European Space Agency's Ariane Earth Station. FTP, name this island with capital at Georgetown that was discovered on and named for the day Christ rose into heaven.

Answer: Ascension Island

14. Although it is found in atomic hydrogen, its main use is in molecular rotational spectroscopy. An atom is polarized by an applied electronic field and then interacts with the electric dipole movement. Degenerate orbitals and spin orbitals emit light at slightly different wavelengths than in the absence of the applied electric field. In 1913, the namesake German physicist discovered, for 10 points, what effect, where spectral lines are split by an applied electric field.

Answer: Stark effect

15. As an Atlanta Brave, he hit the first ever home run in Fulton County stadium. Nine times during his career, he was selected to represent the National league in the All-Star game and hit a career .297 with 252 home runs. His first managerial job came with the Mets in 1977, before stints with St. Louis and Atlanta. FTP, name this catcher and manager who has won 4 world championships with the New York Yankees

Answer: Joe Torre

16. She recently spent a day in prison for opposing nuclear testing her home country. Her recent *The Cost of Living* is an exposé that claims that 50 million people have been displaced by dam construction there. The Malayalam-speaking Syrian Christian community in the state of Kerala, and specifically one family and its pickle factory, are the subject of the most famous novel by, for 10 points, what Indian writer of *The God of Small Things*?

Answer: Arundhati Roy

17. The director aimed to capture the gritty realism of the book by leasing a city block of San Francisco, filming Trina's murder at an actual murder site, and traveling to Death Valley to shoot the deaths of Marcus and McTeague. After filming concluded, MGM demanded a commercial length film and transferred the project away from Erich Von Stroheim. FTP, name this 1924 silent movie about a kind woman transformed into a miserly shrew after winning a lottery.

Answer: Greed

18. After studying under Emil Fischer he began his own work as a professor at Kiel's University in Germany in 1904. He switched his focus to organic chemistry, using selenium to dehydrogenate various compounds. A diene reacts with a carbonyl or carboxyl group to yield an

unsaturated cyclic compound in the reaction that won a Nobel prize in 1950 for what man and his colleague Kurt Alder?

A: Otto Diels

19. It is divided by the Sliabh Luachra mountains into northern and southern regions, historically known as Desmond to the north and Thomond to the south. It contains Carrauntoohill and the mouth of the Shannon and is made up of counties Waterford, Limerick, Tipperary, Clare, Cork and Kerry and bordered by Connaught and Leinster. For 10 points, name this southwesternmost of Ireland's old provinces, which shares its name with a German city and a semi-soft cheese with an orange rind.

Answer: Munster

(ed's note: I realize that "Sliabh Luachra" needs a pronunciation guide, and I'd put one in except I haven't the faintest idea how it's pronounced.)

20. The phrase "a fly in the ointment" comes from the opening of the tenth chapter of this book, as does the observation that "he that increaseth knowledge increaseth sorrow." The narrator's many aphorisms on futility add up to a notion that he tried being King of Israel and found that, in his own words "vanity of vanities, all is vanity." Qoheleth [koh-HELL-eth] is the Hebrew name given to what book supposedly narrated by Solomon, and source of the words of the song "Turn, Turn, Turn" about "to everything there is a season."

Answer: Ecclesiastes (accept Qoheleth before mentioned)

21. In the foreground are a grotesque fat man with a gold pointed hat, a black figure in a yellow mask, a grinning skull and a bird-faced man. A red, white and blue banner, a fainting woman with white hair, a band in blue and gold, and signs proclaiming Fanfare Doctrinaire and Vive la Sociale almost hide the title character, a haloed figure riding a donkey. FTP, name this giant painting by the Belgian artist James Ensor that depicts the haloed figure's visit to the Belgian capital.

Answer: Christ's Entry into Brussels in 1889

22. The last ten chapters, set around the Uji river, take place after the title character's death. The title character is the son of a low-ranking concubine, and so could never become emperor himself but lives to see three children on the throne. As a teenager, he conducts a love affair with his father's wife Fujitsubo. Haunted by Fujitsubo's beauty despite affairs with Utsusemi and Yugao, he eventually finds happiness with his adopted child and mistress. FTP, name this first novel, a Heian period work of lady Shikibu Murasaki.

Answer: The Tale of Genji or Genji Monogatari

23. His first conspicuous actions were his obstruction of a Prisons Bill by massive filibusters and his taking over from Mr. Butt as his party's leader. A land war took place in his country between 1879 and 1882. In the end, Gladstone compromised with this man in the Kilmainham Treaty. Joseph Chamberlain helped defeat both him and Gladstone by splitting the Liberal

Party over Home Rule in 1886. Three years later Captain O'Shea filed his divorce suit and thus wrecked the career of, for 10 points, what greatest Irish politician of the late 19th century?

Answer: Charles Stewart Parnell

24. In his 1928 foreword to this work, Franz Boaz praised it for confirming that human nature is merely a reaction to each individual's civilization. In chapters titled "Maturity and Old Age", "The Role of the Dance", "Formal Sex Relations" and "The Girl and Her Age Group", the author presented the lives of adolescent girls, eventually contrasting their customs with the mores of Western society. FTP, name this anthropological standard written by Margaret Mead.

Answer: Coming of Age in Samoa

25. He entered September 2003 with the most wins in the American League but began faltering. After losing three crucial games against Minnesota and Kansas City, his team was effectively eliminated from the AL Central race. This native of Tijuana never played college ball, but moved from team to team for eight years before signing a minor league contract with Chicago last winter. FTP, name this spring training walk-on who stunned the White Sox with his 21 wins and 2.90 ERA in the 2003 season.

Answer: Esteban Loaiza

26. He graduated from the University of Leipzig in 1856 and returned in 1858 as an assistant to Hermann van Helmholtz. Passed over as Helmholtz's successor in 1871, he then wrote *Principles of Physiological Psychology*, and in 1879 established the first experimental psychology laboratory, using his method of introspection. FTP, name this German, considered the father of experimental psychology.

Answer: Wilhelm Wundt

27. In Egypt they were called "rope stretchers," but the ropes were replaced by Gunter's chains and then lasers. Classics in their field include Heron's *Dioptra* and Von Piso's *Practica Geometria*. FTP, name this profession shared by Sir George Everest, James Cook, Daniel Boone, Benjamin Banneker, George Washington, Charles Mason, and Jeremiah Dixon.

Answer: Surveyor

28. One of this man's nieces was mistress to Louis XIV of France, another to Charles II of England. He himself was Italian, which caused much resentment of his authority. In 1643, Louis XIII died, leaving his five-year-old son, Louis XIV, on the throne. Because of Louis XIV's youth, this man essentially led France until dying in 1661 and imposed policies of centralization and taxation that helped bring about the Fronde. For 10 points, name this successor of Richelieu as chief minister of France.

Answer: Cardinal Jules Mazarin (accept Giulio Mazzarino)

2004 Michigan MLK
Carleton and Notre Dame A
Bonuses

1. FTPE, name these related films.

(10) This 1961 Akira Kurosawa film follows a masterless samurai who restores some peace to a small town run by two warring factions. Offering himself as the title bodyguard, he lets the two factions destroy themselves.

Answer: Yojimbo

(10) Based almost scene for scene on Yojimbo, this 1964 western was directed by Sergio Leone and starred Clint Eastwood as Joe.

Answer: A Fistful of Dollars

(10) In this 1996 adaptation of the same story, Bruce Willis stars as John Smith, a Prohibition-era gunslinger who cleans up the town of Jericho, Texas.

Answer: Last Man Standing

2. 30:20:10. name the artist.

30: This native of Florence studied with the portraitist Carolus-Duran, who in 1879 sent him to Spain to study the work of Velazquez.

20: His first work exhibited in America was a portrait of Fanny Watts done in 1877.

10: This portraitist and impressionist's most famous paintings include *The Wyndham Sisters*, *El Jaleo* and *Madame X*.

Answer: John Singer Sargent

3. For ten points each, identify these Chinese rivers.

(10) From its headwaters in the Tibetan Plateau, this river runs through the Three Gorges area and the cities of Wuhan and Nanjing before emptying into the East China Sea near Shanghai.

Answer: Yangtze

(10) Forming much of the border between Manchuria and Russia, this river reaches the Pacific near the island of Sakhalin. A subspecies of tiger and a Chinese province, bear its Russian and Chinese names respectively

Answer: Amur or Heilong or Heilongjiang

(10) This short river forms much of the border between China and North Korea. Chinese forces entered the Korean War after United Nations troops approached the river.

Answer: Yalu

4. Name the Zionist thinkers FTPE.

(10) The Paris correspondent for a Vienna newspaper during the Dreyfus affair, he founded the modern Zionist movement, proclaiming the historical inevitability of a Jewish state.

Answer: Theodor Herzl

(10) Born Asher Zvi Ginsberg in the Ukraine, he opposed Herzl, arguing that settlement in Palestine should proceed with great care. His Hebrew pen name translates as "one of the people".

Answer: Ahad Ha-am

(10) Writing 30 years before Herzl, this German socialist argued in his work *Rome and Jerusalem* for a Jewish state separate from the states of other so-called races.

Answer: Moses Hess

5. Name these movements from Edvard Grieg's Peer Gynt Suite FTPE.

(10) Peer Gynt awakes after being seduced, robbed and abandoned in the desert to the music of this first movement, that repeats the same melody over and over.

Answer: Morning or Morning Mood

(10) Peer watches as pig-faced trolls dance crazily in a cavern. The melody builds in volume as it speeds up, switching instruments.

Answer: In the Hall of the Mountain-King

(10) Peer's seducer dances accompanied by a blend of long phrases and an ascending staccato melody that is meant to have an "eastern" feel.

Answer: Anitra's Dance

6. Identify the Alexander Pope poem from lines FTPE.

(10) Some by old words to fame have made pretence:
Ancients in phrase, mere moderns in their sense!

Answer: Essay on Criticism

(10) Thy hand, Great Anarch! lets the curtain fall
And Universal Darkness buries all.

Answer: The Dunciad

(10) Laugh where we must, be candid where we can
But vindicate the ways of God to man.

Answer: An Essay on Man

7. Name the American labor union FTPE.

(10) Dolores Huerta and Cesar Chavez founded this union that improved conditions for migrant workers through such actions as a national grape boycott.

Answer: United Farm Workers or UFW

(10) The miners, ladies' garment workers and others split with the AF of L in the mid-1930s to form this organization, which was first headed by John L. Lewis.

Answer: Congress of Industrial Organization or CIO

(10) This union with a primarily black membership fought the Pullman Company and was headed for decades by A. Philip Randolph

Answer: Brotherhood of Sleeping Car Porters

8. FTPE, name these Egyptian deities.

(10) This sister of Isis and ^{wife} husband of Seth tricked Osiris into sleeping with her, conceiving the god Anubis and triggering the murder of Osiris by Seth.

Answer: Nephthys

(10) In predynastic history, the followers of this god invaded Egypt and he was portrayed as vicious. In the Osiris cult, he was the son of Isis and Osiris who fought with his uncle Seth.

Answer: Horus

(10) This brother and husband of Nut was called the Great Cackler and represented the earth and vegetation. He was the father of Isis, Osiris, Nephthys and Seth.

Answer: Geb

9. Given a list of cities that they lived in, identify the famous person who lived in those cities, FTP each.

(10) Dixon, Illinois; Eureka, Illinois; Hollywood, California; Sacramento, California; Washington, D.C.; Pacific Palisades, California

Answer: Ronald Reagan

(10) St. Petersburg, Russia; Cambridge, England; Berlin; Paris; Ithaca, New York; Montreux, Switzerland

Answer: Vladimir Nabokov

(10) Oak Park, Illinois; Paris; Key West, Florida; Havana; Ketchum, Idaho

Answer: Ernest Hemingway

10. Given the year of the general election in Great Britain, name the person elected Prime Minister, for ten points each.

(10) 1918

Answer: David Lloyd George

(10) 1929

Answer: Ramsay MacDonald

(10) 1995

Answer: John Major

11. FTPE, identify the following novels by Kurt Vonnegut, Jr.

(10) It features Billy Pilgrim, a World War II veteran who becomes unstuck in time.

Answer: Slaughterhouse-5

(10) A movie with Bruce Willis has recently been made out of this novel in which a car dealer accepts the novels of Kilgore Trout as truth.

Answer: Breakfast of Champions

(10) This book describes a religion founded by the calypso singer Bokanon and Ice-9, a molecule of ice that could destroy all life by freezing all liquid water.

Answer: Cat's Cradle

12. FTP apiece, identify the following home-improvement shows that have made my educational television viewing experience a living hell.

(10) The team of Charles, Summer, Dave, and Spencer have only \$1,000 to transform a room from a pathetically outdated rats' nest into a cheap-looking Eurotrash boudoir.

Answer: Design on a Dime

(10) Hosts Paige Davis and Joe Farrell help losers who have screwed up their own houses screw up their neighbors' houses, also.

Answer: Trading Spaces

(10) You must not mind zero changes of scenery if you watch this show hosted by Steve Thomas, because a single restoration project can take an entire season.

Answer: This Old House

13. Name these religious symbols from descriptions FTP each.

1. Also called Constantine's cross, it is formed by and named for two Greek letters.

Answer: Chi-rho cross (accept Rho-Chi)

2. Derived from the symbol for samsara, the eight spokes of this Buddhist symbol represent the eight-fold path to enlightenment.

Answer: Dharmachakra or Dharma Wheel or Wheel of Law

3. This Egyptian symbol literally represents a sandal strap but more abstractly represents fertility because it is a combination of the symbols for male and female.

Answer: Ankh (accept Ansata cross)

14. For ten points each, name these national works of literature

(10) This national epic of Finland gave its meter to Longfellow for *Hiawatha* and lots of themes for music to Sibelius

Answer: The Kalevala

(10) This work is a chanson de geste of Rodrigo Diaz de Bivar, a knight who fought for both Christians and Muslims. It is considered the national epic of Spain.

Answer: The Song of El Cid (Accept Spanish Equivalent)

(10) This national epic of Mali is a story of a man who goes from being a cripple to a god-like warrior who destroys an evil sorcerer and his city.

Answer: Sundiata

15. FTPE, Given the name of the work and year completed, name the artist

(10) 1886: The Burghers of Calais

Answer: Auguste Rodin

(10) 1879: At the Theater

Answer: Mary Cassatt

(10) 1600: The Conversion on the Way to Damascus

Answer: Caravaggio

16. Given a description of an autoimmune disease, name the disease FTP apiece.

(10) This diffuse immune syndrome can be systemic, discoid, or drug-induced, and is associated with a "butterfly" rash on the face.

Answer: Lupus

(10) This joint-attacking autoimmune disease can be treated effectively by Amgen's Enbrel.

Answer: Rheumatoid arthritis (prompt on "arthritis")

(10) This disease is fatal in an average of five years from diagnosis. It is caused by fetal cells that get stuck in women's bodies and has a name meaning "hardened skin."

Answer: Scleroderma (accept "systemic sclerosis" or "SSc")

17. Name these Eugene O'Neill plays FTPE.

(10) Yank, the title character, is insulted by Mildred Douglas while serving as a coal stoker on an ocean liner. He strives to live down her insult but dies tragically, crushed under a giant animal.

Answer: *The Hairy Ape*

(10) At the beginning of this play, the title character rules a kingdom in the West Indies. He is chased into the jungle and encounters ghosts like the Little Formless Fears and the Crocodile God.

Answer: *The Emperor Jones*

(10) Act One is set in Johnny-the-Priest's saloon in New York City where the title character, a Swedish-American prostitute meets her father, the sailor Chris Christopherson.

Answer: *Anna Christie*

18. Some countries export primarily a single commodity. Given a country, name the single crop that represents over half of those country's exports.

(10) Ethiopia

Answer: Coffee

(10) Malawi

Answer: Tobacco

(10) St. Lucia

Answer: Bananas

19. Identify the computer-sorting algorithm FTPE.

(10) This algorithm compares adjacent pairs of items in a list and swaps them if they are out of order. After each iteration, the item with the largest value is placed at the top of the list.

Answer: bubble sort

(10) This algorithm looks for the smallest value in a set and places it in its correct position.

Answer: insertion sort

(10) Commonly used by card players, this type of sorting looks for the first value that is out of order and places it in its correct position.

Answer: selection sort

20. The Romans didn't have it all their way. Identify these Roman defeats for 10 points each:

(10) The way Livy tells it, the Romans didn't bother to organize defenses and deserved to lose this 390 BC battle that immediately preceded the Gauls' capture of Rome.

Answer: The Alia

(10) Hannibal surrounded and utterly destroyed a Roman army in Apulia at this 216 BC battle that has become a military synonym for a double envelopment.

Answer: Cannae

(10) Two emperors were captured or killed by foreign armies in the mid-third century. one by the Goths in 253 and another by the Persians in 259 or 260. Name either.

Answer: Decius (Goths), Valerian (Persians)

21. FTPE, identify these female music stars that play their own instruments.

1. The video for her first major single, "A Thousand Miles", shows her playing a piano as she is driven across the country.

Answer: Vanessa Carlton

2. Her first single, "Everywhere" was followed by her second major album, "Hotel Paper", featuring the song "Are You Happy Now?".

Answer: Michelle Branch

3. Her video for "Intuition", which shows her being hosed down by firefighters, is a major departure from her earlier work, including the album "Pieces of You".

Answer: Jewel

22. For five points each and an additional five for all correct, given some common foods, identify the plant family.

(5) Strawberries, Apples

Rosaceae or the Rose Family

(5) Peanuts, Alfalfa, Soybeans

Leguminosae or Fabaceae or the Pea Family or Legumes

(5) Parsnips, Dill, Celery, Anise

Umbelliferae or the Carrot Family

(5) Sage, Catnip, Oregano

Labiatae or the Mint Family

(5) Potatoes, Tobacco, Bell Peppers, Eggplant

Solanaceae or the Nightshade Family

23. Identify these psychological defense mechanisms FTPE.

(10) In this mechanism, the mind prevents certain thoughts from becoming conscious.

Answer: Repression

(10) This mechanism is the transfer of unacceptable feelings from one subject to another, less-threatening subject.

Answer: Displacement

(10) This mechanism is the changing of an undesirable feeling or wish into its opposite.

Answer: Reaction formation

24. Questions about the Long March, for 10 points each:

(10) Mao and 100,000 of his fellow communists had to walk 6,000 miles after this authoritarian regime kicked them out of Eastern China.

Answer: The Kuomintang or Guomindang

(10) The Long March ended in this city in Shaanxi Province (Shaan-see) that became the stronghold of Chinese communism for the next ten years.

Answer: Yenan (yay-nan)

(10) The Long March began in this province that had been proclaimed a Soviet Republic in 1931 with Mao Zedong as president.

Answer: Jiangxi or Kiangsi (jee-ang-see) Province

25. Get down wit' da principles of accountin', for 10 points each:

(10) According to the fundamental accounting equation, assets minus liabilities equals what?

Answer: Owners' Equity or Shareholders' Equity

(10) There are two ways to count inventory, referred to as LIFO and FIFO [LYE-foh and FYE-foh]. Expand both acronyms, all or nothing.

Answer: Last In, First Out, and First in, First Out

(10) In any T account, credits go on the right, and these go on the left.

Answer: Debits

26. Given a value, identify the physics constants, for the stated number of points.

(10) For 5, 3.0×10^8 meters/sec

Answer: speed of light (accept "c")

(10) For 10, 6.626×10^{-34} Joule seconds

Answer: Planck's constant (accept "h")

(10) For 15, 1.602×10^{-19} Coulombs

elementary charge (accept "e")