

2019 - 7th GRADE KAT QUESTIONS

LANGUAGE ARTS

1	Spell analysis	1	a-n-a-l-y-s-i-s
2	Spell occasionally	2	o-c-c-a-s-i-o-n-a-l-l-y
3	From which Latin root do we derive the words effect and affect?	3	facio
4	What does the Greek root demos mean?	4	people
5	What is the infinitive phrase in the following sentence? "My mom agreed to give me a ride to the game."	5	to give
6	How is this sentence incorrect? "A mixture of cherries and chocolates are my favorite."	6	The subject is <i>mixture</i> so the verb should be the singular <i>is</i> , not <i>are</i> .
7	If a writer uses information that is not general knowledge in a research paper and fails to cite this information, what error has the writer committed?	7	plagiarism
8	Should <i>was</i> or <i>were</i> be used in this sentence? Why? "Either Frank or George _____ winning the award that night."	8	<i>Was</i> -- the subject is singular so the verb should be singular
9	"Because I could not stop for Death, he kindly stopped for me" is an example of what literary device?	9	personification
10	Which part of the following sentence is an appositive? "Thurgood Marshall, the first African American Supreme Court Justice, also worked on the Brown v. Board of Education anti-segregation case."	10	the first African American Supreme Court Justice
11	What does a foot of iamb sound like?	11	iamb: unstressed-stressed (or breve-stress)
12	In the poem written by Edgar Allan Poe, what is the name of the maiden that lived many and many a year ago in a kingdom by the sea?	12	Annabel Lee
13	What was Dr. Jekyll trying to do when he created Mr. Hyde?	13	separate the good and evil in man
14	In <i>Anne Frank: Diary of a Young Girl</i> , Anne's saying that the children in the neighborhood are so dirty you would hate to touch them with a barge pole is an example of what literary device?	14	hyperbole
15	<i>The Call of the Wild</i> by Jack London is told primarily through the eyes of a dog named Buck. What is the literary term used to describe attributing human qualities, emotions, and behavior to animals?	15	anthropomorphism
16	What was ironic about the ending of "The Necklace" in that the couple went through years of hardship to purchase a diamond necklace to replace the one they had borrowed from their friend?	16	The borrowed necklace turned out to be a fake.

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17	Why was Cyrano afraid to tell Roxanne of his love for her?	17	Despite his bravery in other areas, he was afraid that he would be rejected, that he was too ugly to love.
18	In "The Tell-Tale Heart," why does the murderer confess?	18	He hears the loud pounding of the heart, which symbolizes his conscience, and he assumes the detectives hear it also.
19	What does "persona non grata" mean?	19	an unacceptable or unwelcome person
20	What does "quid pro quo" mean?	20	something given or received in exchange for something else

HISTORY

21	Although he didn't lead the Russian Revolution, who was the Bolshevik leader who took credit for the revolution and ruthlessly deposed all opposition to his political philosophy?	21	Lenin
22	What was Teddy Roosevelt's famous saying concerning American imperialism?	22	"Speak softly and carry a big stick."
23	What was Hitler's lightning war against Poland in 1940 called?	23	Blitzkrieg
24	What was the term for the five-state area, including Oklahoma, Texas, and Kansas, that lost much of their farmland?	24	The Dust Bowl
25	During World War I, what killed 600,000 Americans and 20 million people worldwide?	25	Influenza (flu)
26	The German's Schlieffen Plan called for the invasion of what country by going through Belgium?	26	France
27	In 1925 Clarence Darrow and William Jennings Bryan argued a famous court case concerning the teaching of evolution. Name that case.	27	Scopes Trial (Scopes Monkey Trial)
28	What was the deep economic downturn lasting from 1929 to 1940 called?	28	The Great Depression
29	Who was the first person to fly nonstop across the Atlantic Ocean?	29	Charles Lindbergh
30	What was the night when Nazis vandalized and burned down Jewish synagogues and businesses called?	30	Kristallnacht
31	What is the name for manufacturing products specifically designed to go out of style?	31	Planned obsolescence
32	What do we call the artistic flowering of African American culture in the 1920s?	32	Harlem Renaissance
33	Who was sentenced to 10 years in prison for making a speech against World War I?	33	Eugene Debs
34	What do we call the movement of African Americans northward between 1915 and 1930?	34	The Great Migration
35	Name two German actions that resulted in the US entering World War I on the side of the Allies?	35	The Sinking of the Lusitania and The Zimmerman Note

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36	Where is the Kremlin?	36	Moscow
37	In 1899 Secretary of State John Hay called for all nations to have equal access to trade and investment in China. What was this policy called?	37	Open Door Policy
38	This freedom fighter had already set up a government in the Philippines when the US annexed the islands.	38	Emilio Aguinaldo
39	Who created the Share-the-Wealth program as a way to raise the United States out of the Great Depression?	39	Huey Long
40	At what meeting did the ally leaders decide how to handle post-World War II Germany?	40	Potsdam Conference
MATHEMATICS			
41	What are the properly ordered steps for the Order of Operations?	41	Parenthesis, Exponents, Multiplication, Division, Add, Subtract
42	Identify the first thing one needs to find to determine the sum of $\frac{4}{5}$ and $\frac{3}{4}$.	42	Find the common denominator.
43	How do you determine the product of 10^8 and 10^4 ? What is the product?	43	Add the exponents; the product is 10^{12} .
44	Calculate the perimeter and the area of a rectangle that has sides 3 meters and 7 meters?	44	Perimeter = 20 meters; Area = 21 square meters
45	Name the formula for the area of a circle.	45	Area = πr^2 (Pi times the square of the radius)
46	Name the formula for the circumference of a circle.	46	$2\pi r$ (2 Pi times the radius) or πd (Pi times the diameter)
47	What is an obtuse angle?	47	An angle greater than 90° and less than 180° .
48	What is the sum of the measures of the angles of a triangle?	48	180°
49	Using variables identify the Pythagorean theorem.	49	$a^2 + b^2 = c^2$
50	When dividing fractions you multiply the first fraction by the _____ of the second.	50	Reciprocal
51	What is the absolute value of -88?	51	88
52	Simplify this exponent: 147^0 .	52	1
53	Express the number 213 using scientific notation.	53	2.13×10^2
54	Express .00213 using scientific notation.	54	2.13×10^{-3}
55	What is the sum of complementary angles?	55	90°

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SCIENCE

56	Name the three main subatomic particles of an atom and give the charge of each.	56	Protons (positive); Neutrons (neutral/no charge); Electrons (negative)
57	Name the type of chemical bond that forms between a metal and a non-metal where electrons are transferred.	57	Ionic bond
58	Name the type of chemical bond that forms between two non-metals where electrons are shared.	58	Covalent bond
59	Name the type of bond that forms between two metals where the electrons are shared and free to move.	59	Metallic bond
60	What are two characteristics of an acid?	60	Sour taste, ph less than 7, corrosive to metals, turn litmus red, proton (H ⁺) donors, form hydrogen ions (H ⁺) in water
61	Who created the first periodic table of elements?	61	Dimitri Mendeleev
62	In a neutralization reaction, what two compounds are formed?	62	A salt and water.
63	What are the names of the two kinds of cell division?	63	Mitosis and meiosis
64	Name the cell part found in the nucleus that carries inherited or genetic traits.	64	DNA (deoxyribonucleic acid)
65	Give the element name for each of these symbols: Au, Fe, K, Na, and P.	65	Gold, Iron, Potassium, Sodium, and Phosphorus
66	What do all ionic salts have in common?	66	A metal cation and nonmetal anion
67	Name two characteristics of bases.	67	Bitter taste, feel slimy, ph greater than 7, turn litmus blue, proton (H ⁺) acceptors, form hydroxide (OH ⁻) ions in water
68	What concept drives Darwin's theory of evolution?	68	Natural Selection
69	What is a substance that helps speed up a reaction but is not used up?	69	A catalyst
70	In a redox reaction, what is transferred?	70	Electrons
71	Who developed a model of the atom with electron shells?	71	Niels Bohr
72	What process creates haploid cells?	72	Meiosis
73	What is distinctive about haploid cells?	73	They have half the chromosomes of regular diploid
74	What scientist's experiments with peas led to the science of genetics?	74	Gregor Mendel
75	What sentence of symbols explains what happens in a chemical reaction?	75	Chemical equation

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ART

76	Believed to have extended from 1520-1600, this movement is marked by exaggerated proportions, distorted perspective, and change in shape of objects and people.	76	Mannerism
77	The _____ period's characteristics include the dramatic use of light and shade, turbulent compositions, and vivid emotional expression.	77	Baroque
78	The Baroque artist known for his Greek nickname, and who painted <i>View of Toledo</i> is _____.	78	El Greco
79	This person was the greatest Baroque sculptor. His statues convey both powerful emotion and lively motion.	79	Bernini
80	The _____ period's characteristics include a decorative and "pretty" nature, with soft pastel colors and playful subject matter.	80	Rococo
81	Jean Honoré _____ was a well-known Rococo artist who painted, <i>The Swing</i> .	81	Fragonard
82	The _____ period is a reaction against Baroque and Rococo, with the revival of classical forms and subjects, and a belief in high moral purpose in art.	82	Neoclassical
83	One of the most famous Neoclassical paintings is Jacques Louis David's _____ which depicts a Roman legend that praises patriotism over love.	83	<i>Oath of the Horatii</i>
84	_____ was a movement that spread across most of Europe and the United States, and included the visual arts, poetry, fiction, and music.	84	Romanticism
85	Romantic artist Francisco _____ painted, <i>The Third of May, 1808</i> , a piece that reminded humanity to never commit the atrocities French soldiers committed on Spanish rebels.	85	Goya
86	The _____ period primarily focuses on ordinary people and activities, or genre scenes.	86	Realism
87	The Realist artist that depicted two men breaking rocks on the side of the road in <i>The Stone Breakers</i> , was Gustave _____.	87	Courbet
88	An American Realist artist who was a master watercolor painter and tended to depict landscapes with the theme of man versus nature is Winslow _____.	88	Homer
89	_____ is an art movement and style of painting where artists try to paint glimpses of their subjects showing the effects of sunlight on objects at different times of day.	89	Impressionism
90	Female Impressionist artist, Mary _____ is best known for her sensitive paintings of mothers and children.	90	Cassatt

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MUSIC

91	The saxophone is part of which family of instruments?	91	Woodwind
92	What is the Italian musical term used to mean "fast?"	92	Allegro
93	A musical interval of an eighth is called what?	93	An octave
94	What are the names for the spaces in the treble staff?	94	F-A-C-E
95	What Italian musical term means a gradual increase in volume?	95	Crescendo
96	What term means a section of music that is at the "tail end" of a composition?	96	Coda
97	What is it called when a musician makes up music on the spot as is often done in jazz music?	97	Improvisation
98	What are the chords most commonly used in the 12-Bar Blues progression?	98	I, IV, and V
99	Who was the composer of the jazz standard "So What?"	99	Miles Davis
100	To what "New World" was Dvorak referring in his <i>Symphony No. 9</i> ?	100	United States of America