

## Science Questions

1. This type of animal eats both plants and animals?
  - a. Omnivore
  - b. Herbivore
  - c. Carnivore
  - d. Somnivore
2. What type of energy is lost in all ecosystems?
  - a. Solar Energy
  - b. Thermal Energy
  - c. Matter Energy
  - d. Physical Energy
3. Most animals have a Niche?
  - a. True
  - b. False
4. What 2 clouds float very low to the ground?
  - a. Stratus and Nimbostratus Clouds
  - b. Altocumulus and Altostratus Clouds
  - c. Cirrus and Cirrocumulus Clouds
  - d. Cumulus and Cumulonimbus Clouds
5. What is a drizzle?
  - a. Little water droplets
  - b. Rain droplets
  - c. Mist
  - d. Fog
6. What is a cloud made up of?
  - a. Small water and ice particles
  - b. Fog and dew
  - c. Feathers from pillows
  - d. All of the above
7. What is the very last layer of atmosphere?
  - a. Thermosphere
  - b. Lithosphere
  - c. Exosphere

d. Mesosphere

8. What is the speed of Kelton's moped when he travels 5000m in 5.96sec?

- a. 838.9 m/s
- b. 839 m/s
- c. 837 m/s
- d. 837.9 m/s

9. What kind of an element does a tree give off?

- a. Oxygen
- b. Carbon Dioxide
- c. Hydrogen
- d. Carbon

10. What does  $\text{Al}_2\text{S}_3$  stand for?

- a. Aluminum Silide
- b. Aluminum Sulfide
- c. Aluminum Phosphide
- d. Aluminum Chloride

11.) What are the six noble gasses?

- a.) He, Ne, Ar, Kr, Xe, Rn
- b.) Br, Ne, K, Kr, Xe, Rn
- c.) H, He, Ne, Ar, Kr, Xe
- d.) As, K, H, Au, At, Rn

12.) Which Animals have a niche?

- a.) insects
- b.) Mammals
- c.) Other+
- d.) Everything/ all animals

13.) Using Vav, say you traveled 30km in 5 hours. What is your average speed per hour?

- a.) 6km/h
- b.) 5km/h
- c.) 6h
- d.) 6h/km

14.) What do primary consumers eat?

- a.) Plants

- b.) Meat
  - c.) Insects
  - d.) Garbage
- 15.) What is the first level of the atmosphere?
- a.) Troposphere
  - b.) Lithosphere
  - c.) Stratosphere
  - d.) Exosphere
- 16.) Define humidity
- a.) Amount of water vapor in a sample of air
  - b.) Amount of water on plants and trees
  - c.) Amount of dew on the ground in the morning
  - d.) Fresh rain
- 17.) What is the element plants convert into oxygen?
- a.) hydrogen
  - b.) argon
  - c.) carbon dioxide
  - d.) rain
- 18.) How fast is teals roller blades going if he travelled 12km in 24 seconds?
- a.) 500km/h
  - b.) 500m/s
  - c.) 1km/h
  - d.) 500ft/h
- 19.) Define food chain
- a.) Many links of food stuck together
  - b.) A step by step sequence linking organisms that feed on each other
  - c.) Animals eating each other for sport
  - d.) A factor in an ecosystem
- 20.) What is  $Mg_2O_2$
- a.) Magnesium oxide
  - b.) Lithium oxide
  - c.) Magnesium oxygen
  - d.) Manganese oxide
21. A \_\_\_\_\_ is a step by step sequence linking organisms that feed on each other.
- a) Food web
  - b) Food chain
  - c) Abiotic

- d) Ecosystem
22. A type of animal that only eats plants.
- a) Omnivore
  - b) Carnivore
  - c) Autotroph
  - d) Herbivore
  - e)
23. A plant is a \_\_\_\_.
- a) Primary Consumer
  - b) Heterotroph
  - c) Producer
  - d) Secondary Consumer
24. Which of the following isn't a noble gas?
- a) Hydrogen
  - b) Helium
  - c) Neon
  - d) Radon
25. Precipitation is...
- a) Rain
  - b) Snow
  - c) Water that falls to the ground in liquid or solid form.
  - d) Falling water droplets between .5mm and 5mm.
26. A \_\_\_\_ is used to measure wind speeds.
- a) Anemometer
  - b) Thermometer
  - c) Wind vane
  - d) Psychomotor
27. A cation is a \_\_\_\_\_ charged electron.
- a) Negative
  - b) Neutral
  - c) Negative or positive (both)
  - d) Positive
28. The system for electrons around a Bohr diagram is...
- a) 2, 8, 8, 8
  - b) 2, 8, 9
  - c) 8, 2, 8
  - d) 2, 2, 8, 8

29. If Kennedy the leprechaun walks on a Irish rainbow looking for a pot of gold for 6 hours, and travelled 31 km. What is Kennedy, the Leprechauns, average speed for the day?
- 5.16 km/h
  - 186 km/h
  - .19 km/h
  - 10.32 km/h
30. Non metals have a \_\_\_\_\_ charge.
- Negative
  - Positive
  - Neutral
  - Either or (positive or negative.)
31. What is the difference between abiotic and biotic?
- An abiotic factor is a factor in an ecosystem that is created by non-living agents and a biotic factor is a factor in an ecosystem that is created by the presence of and roles of other living things.
  - Abiotic animals eat other animals and biotic animals eat plants.
  - An abiotic factor is a factor in an ecosystem that is created by the presence of and roles of other living things and a viotic factor is a factor in an ecosystem that is created by non-living agents.
  - Abiotic animals eat plants and biotic animals eat other animals.
32. A consumer that gets its energy from other consumers is a...
- Tertiary consumer
  - Primary consumer
  - Seconday consumer
  - Quarternary consumer
33. An organism that feeds on other organisms to gain energy because it can't make its own food is known as a...
- Consumer
  - Producer
  - Autotroph
  - Heterotroph
34. How many significant figures does  $2.3 \times 10^4$  have?
- 5
  - 2

- c. 4
- d. 3

35. What is this formula for?  $a_{ac} = \frac{\Delta v}{\Delta t}$

- a. Average speed
- b. Average velocity
- c. Average acceleration
- d. Average temperate

36. The process by which water in plants is transferred as water vapor to the atmosphere is...

- a. Sublimation
- b. Precipitation
- c. Condensation
- d. Transpiration

37. A monsoon is...

- a. Any wind that changes direction with the season.
- b. A vortex of air rising into a cloud.
- c. Abnormal dry weather for a specific area that is sufficiently prolonged.
- d. A type of cloud that covers the entire sky.

38. What is the highest layer in the atmosphere?

- a. Ionosphere
- b. Mesosphere
- c. Exosphere
- d. Thermosphere

39. If Calcium lost 2 electrons, it would have the same number of electrons as...

- a. Xenon
- b. Krypton
- c. Argon
- d. Helium

40. What is the formula for the compound aluminum sulfide?

- a.  $S_3Al_2$
- b.  $Al_2S_3$
- c.  $Al_4S_2$
- d.  $Al_2S_3$

41. What is a term used to describe the relations among many species in the environment? It also had relationships among organisms and non-living components.
- Abiotic
  - Ecosystem
  - Biotic
  - Producers
42. A factor in an ecosystem created by non-living agents is \_\_\_\_\_?
- Producers
  - Biotic
  - Abiotic
  - Consumers
43. A \_\_\_\_\_ is a high-level consumer which is usually the top predator in an ecosystem and/or food chain.
- Secondary Consumer
  - Quaternary Consumer
  - Primary Consumer
  - Tertiary Consumer
44. How many significant numbers does 0.00342 have?
- 6
  - 3
  - 5
  - 2
45. What letters stand for Average Velocity?
- Aac
  - Vav
  - Vac
  - Aav
46. Seasonal winds that blow form land to sea in the winter and sea to land in the summer are\_\_\_\_\_.
- Tornadoes
  - Cyclones
  - Hurricanes
  - Monsoons

47. A \_\_\_\_\_ is a device used to measure the atmospheric pressure? Typical units are mb, mmltg, or kPa

- a. Thermometer
- b. Barometer
- c. Anemometer
- d. Hygrometer/ Psychrometer

48. Lines on a weather map that connect points of equal pressure are \_\_\_\_\_?

- a. Jet stream
- b. Isotherms
- c. Gradient
- d. Isobars

49. What is the formula for the compound iron(II) oxide?

- a.  $\text{Fe}_3\text{O}_2$
- b.  $\text{OFe}$
- c.  $\text{FeO}$
- d.  $\text{O}_2\text{Fe}_3$

50. What is the word formula for  $\text{SnO}_2$ ?

- a. Tin(IV) Oxide
- b. Tin(I) Oxide
- c. Tin(II) Oxide
- d. Tin(III) Oxide

51. A \_\_\_\_\_ is the relationship among many species living in an environment.

- a) Food chain
- b) Ecosystem
- c) Habitat
- d) Food web

52. A \_\_\_\_\_ consumer is an organism that gets its energy from producers (herbivores).

- a) Secondary Consumer
- b) Tertiary Consumer
- c) Primary Consumer
- d) Quaternary Consumer

53. What is the speed of a jet plane that travels 9000 meters in 12.12 seconds?

- a) 152m/s
- b) 68m/s
- c) 110m/s
- d) 132m/s

54. How far will you travel in 3 minutes running at a rate of 6m/s?

- a) 1080m/s
- b) 1124m
- c) 1067m
- d) 1012m

55. A \_\_\_\_\_ is a period in which the rainfall for an area is much less than average.

- a) Thunderstorm
- b) Tornado
- c) Drought
- d) ice storm

56. A \_\_\_\_\_ is a collection of small water droplets or ice particles occurring above the Earth's surface.

- a) Sleet
- b) Clouds
- c) Snow
- d) Fog

57. Magnesium oxide written as a formula is \_\_\_\_\_.

- a) Mg<sub>2</sub>O<sub>3</sub>
- b) MgO<sub>2</sub>
- c) MgO
- d) Mg<sub>3</sub>O

58. AlCl<sub>3</sub> as written as a compound is \_\_\_\_\_.

- a) Aluminum Chloride
- b) Aluminum Chlorine
- c) Aluminum Calcium
- d) Aluminum Calcide

59. Nitrogen's charge is \_\_\_\_\_.

- a) +3
- b) -3
- c) -2

d) +1

60. Fluorine is a \_\_\_\_\_.

- a) Compound
- b) Metal
- c) Cation
- d) Nonmetal

61. A stable ion has \_\_\_ electrons in the outer orbit.

- a) 6 b) 10 c) 8 d) 9

62. Non-metals that have a \_\_\_\_\_ charge, changes the end of the name to “ide.”

- a) Positive b) Negative c) Neutral d) All of the above

63. An ice storm is difficult to forecast because:

- a) They are fast moving and change direction constantly
- b) A change in temperature of only one degree can make a difference
- c) They are usually an abrupt follow-up storm after a blizzard
- d) It forms quickly and seems to be a light snowfall moment earlier

64. The \_\_\_\_\_ is the solid, inorganic outer shell of the earth.

- a) Atmosphere b) Lithosphere c) The crust d) Hydrosphere

65. An anemometer is a device used to measure \_\_\_\_\_.

- a) Temperature b) Air pressure c) Wind speed d) Atmospheric pressure

66. The transfer of energy through a substance by the collision of particles is:

- a) Convection b) Radiation c) Conduction d) None of the above

67. What is the electric charge of Iron?

- a) 1 b) 2 c) 3 d) 4

68. An organism that uses energy and raw materials to make its own food is called a:

- a) Heterotroph b) Primary consumer c) Quaternary consumer d) Autotroph

69. Average speed means:

- a) A speed that does not change over time  
b) Speed calculated over an entire trip  
c) The speed at a particular moment in time  
d) The time it takes to reach a certain speed from standstill

70. The reason behind the decline in frog population is:

- a) Deforestation  
b) Dumping waste into ponds and rivers  
c) Unusual climate changes and UV rays  
d) All of the Above

71. What are the 6 noble Gases?

- a. Helium, Neon, Argon, Krypton, Xenon, Radon.  
b. Hydrogen, Helium, Neon, Krypton, Xenon.  
c. Carbon, Oxygen, Neon, Argon, Helium, Hydrogen.  
d. Neon, Argon, Helium, Hydrogen, Nitrogen, Boron.

72. What is the compound of H<sub>2</sub>O?
- Hydrogen oxide
  - Hydrogen fluoride
  - Lithium oxide
  - Sodium oxide
73. What is not a noble gas?
- Hydrogen
  - Oxygen
  - Boron
  - All of the above
74. What are the four seasons we get in Canada?
- Summer, winter, fall, spring
  - Summer, winter,
  - Winter, snow fall, leaves fall, snow melts
  - Both b and c
75. When does a rainbow come out?
- After a rain fall
  - When it's hot out
  - When it's cold out
  - When I want it to
76. What is the math way of finding average velocity?
- Average velocity = change in distance divided by change in time
  - Change in time divided by change in distance= average velocity
  - Average velocity divided by change in time =change in distance
  - Average velocity divided by change in distance= chance in time
77. Can frogs absorb water thro their skin?
- Yes
  - No
  - Maybe
  - I don't no
78. How big is a rain drop?
- .5 mm
  - 1 cm
  - 5 cm
  - 50cm
79. Wind speed is measured in all but what one of these
- Knots
  - m/s
  - km/h
  - mm/s

80. What does a rain gauge do?

- A. measures how much rain we got
- B. measure the wind speed
- C. Tell you the temp.
- D. Tell you there is a fire.

81. What is an ion?

- a) An atom that has gained or lost one electron
- b) An atom has only gains an electron
- c) An atom that only loses an electron
- d) None of the above

82/ An anemometer are used to measure?

- a) Wind direction
- b) Temperature
- c) Wind speed
- d) Humidity

83/ The lithosphere are best described as?

- a) Is the water of the Earth
- b) Is the transfer of energy through space waves
- c) Is a model that describes storage and movement of water in the atmosphere
- d) Is the solid, inorganic outer shell of the Earth

84/ What two are low level clouds

- a) Altostratus
- b) Cirrocumulus
- c) Cumulus
- d) Cumulonimbus
- e) A,c
- f) C,d
- g) A,d
- h) B,c

85/ Each species occupies a position in the ecosystem. This position is known as?

- a) Niche

- b) Role
- c) Habitat
- d) Environment

86/ Organic products are?

- a) Man made
- b) Comes from the ground
- c) A and b
- d) None of the above

87/ What's an example of a producer?

- a) Lion
- b) Blue jay
- c) Mouse
- d) Plant

88/ Primary Consumers are?

- a) Herbivores
- b) Carnivores
- c) Omnivores

89/ What does V stand for?

- a) Change in speed/velocity
- b) Change in time
- c) Change in distance
- d) Change in direction

90/ High level clouds are made of?

- a) A lot of moisture
- b) Larger water molecules
- c) Ice crystals
- d) All of the above

91. When Rain falls this action is called?

- A^^ Sublimation
- B^^ Evaporation
- C^^ Precipitation
- D^^ Groundwater Flow

92. \_\_\_\_\_ is the amount of water vapor in a sample of air.

A^^ Humidity

B^^ Pressure

C^^ Wind Vane

D^^ All of the Above, A, B and C

93.—This device is used to measure wind speeds.

A^^ Thermometer

B^^ Wind Vane

C^^ Anemometer

D^^ Barometer

94. The \_\_\_\_\_ is the solid, inorganic outer shell of the earth.

A^^ Troposphere

B^^ Lithosphere

C^^ Hydrosphere

D^^ Earthosphere

95.— \_\_\_\_\_ is falling water droplets that have a diameter between 40mm and 0.5mm.

A^^ Dew

B^^ Rain

C^^ Drizzle

D^^ Precipitation

96. -- \_\_\_\_\_ is ice pellets (frozen raindrops) that bounce upon impact.

A^^ Albedo

B^^ Sleet

C^^ Hail

D^^ Coriolis Effect

97.—A blizzard's wind is \_\_\_\_\_ Km/h or faster.

A^^ 10km/h

B^^ 20km/h

C^^ 30km/h

D^^ 40km/h

98. —How many significant figures are in 5.40?

A^^ 1

B^^ 2

C<sup>3</sup>  
D<sup>0</sup>

99. —An organism that gets its energy from producers.

A<sup>Primary Consumers</sup>  
B<sup>Secondary Consumers</sup>  
C<sup>Tertiary Consumers</sup>  
D<sup>The Quaternary Consumer</sup>

100.—Carbon has how many electrons?

A<sup>7</sup>  
B<sup>8</sup>  
C<sup>3</sup>  
D<sup>6</sup>

101. A stable ion has \_\_\_ electrons in the outer orbit.

a) 6    b) 10    c) 8    d) 9

102. Non-metals that have a \_\_\_ charge, changes the end of the name to “ide.”

a) Positive    b) Negative    c) Neutral    d) All of the above

103. An ice storm is difficult to forecast because:

a) They are fast moving and change direction constantly  
b) A change in temperature of only one degree can make a difference  
c) They are usually an abrupt follow-up storm after a blizzard  
d) It forms quickly and seems to be a light snowfall moment earlier

104. The \_\_\_\_\_ is the solid, inorganic outer shell of the earth.

a) Atmosphere    b) Lithosphere    c) The crust    d) Hydrosphere

105. An anemometer is a device used to measure\_\_\_\_\_.

a) Temperature    b) Air pressure    c) Wind speed    d) Atmospheric pressure

106. The transfer of energy through a substance by the collision of particles is:

a)Convection   b)Radiation   c)Conduction   d)None of the above

107.What is the electric charge of Iron?

a) 1   b) 2   c) 3   d) 4

108.An organism that uses energy and raw materials to make its own food is called a:

a)Heterotroph   b)Primary consumer   c)Quaternary consumer   d)Autotroph

109.Average speed means:

- a) A speed that does not change over time
- b) Speed calculated over an entire trip
- c) The speed at a particular moment in time
- d) The time it takes to reach a certain speed from standstill

110.The reason behind the decline in frog population is:

- a) Deforestation
- b) Dumping waste into ponds and rivers
- c) Unusual climate changes and UV rays
- d) All of the Above

111. A stable ion has \_\_\_ electrons in the outer orbit.

a) 6   b) 10   c) 8   d) 9

112. Non-metals that have a \_\_\_ charge, changes the end of the name to "ide."

a) Positive   b) Negative   c) Neutral   d) All of the above

113.An ice storm is difficult to forecast because:

- a) They are fast moving and change direction constantly
- b) A change in temperature of only one degree can make a difference
- c) They are usually an abrupt follow-up storm after a blizzard
- d) It forms quickly and seems to be a light snowfall moment earlier

114.The \_\_\_\_\_ is the solid, inorganic outer shell of the earth.

- a)Atmosphere            b)Lithosphere            c)The crust            d)Hydrosphere

115.An anemometer is a device used to measure\_\_\_\_\_.

- a) Temperature            b) Air pressure    c) Wind speed    d) Atmospheric pressure

116.The transfer of energy through a substance by the collision of particles is:

- a)Convection    b)Radiation    c)Conduction    d)None of the above

117.What is the electric charge of Iron?

- a) 1    b) 2    c) 3    d) 4

118.An organism that uses energy and raw materials to make its own food is called a:

- a)Heterotroph    b)Primary consumer    c)Quaternary consumer    d)Autotroph

119.Average speed means:

- a. A speed that does not change over time
- b. Speed calculated over an entire trip
- c. The speed at a particular moment in time
- e. The time it takes to reach a certain speed from standstill

120.The reason behind the decline in frog population is:

- e) Deforestation
- f) Dumping waste into ponds and rivers
- g) Unusual climate changes and UV rays
- h) All of the Above

121.Jimmy takes a shower and when he gets out, the mirror is wet. Why?

- a. Evaporation
- b. Condensation
- c. Precipitation

d. None of the above

122. What is the symbol for Iron?

- a. I
- b. Ir
- c. Fe
- d. Pb

123. What is the symbol for Nickel?

- a. N
- b. Ni
- c. K
- d. Cu

124. What is the symbol for Potassium?

- a. K
- b. P
- c. Pb
- d. Fe

125. Which are the lowest clouds?

- a. Stratus
- b. Cirrus
- c. Cumulonimbus
- d. None of the above

126. What are the highest clouds?

- a. Stratus
- b. Cirrus
- c. Cumulonimbus
- d. None of the above

127. What weather does the Cumulonimbus cloud bring?

- a. Clear
- b. Stormy
- c. Dry
- d. Any of the above

128. What level of the atmosphere is closest to the ground?

- a. Troposphere
- b. Stratosphere
- c. Exosphere
- d. Thermosphere

129. What is the highest level of the atmosphere?

- a. Troposphere
- b. Stratosphere
- c. Exosphere
- d. Thermosphere

130. What device measures temperature?

- a. Thermometer
- b. Ruler
- c. Temperature meter
- d. None of the above

131. What is a food chain?

- a) An animal that eats plants
- b) Step by step sequence linking organisms that feed on each other
- c) Factor in an ecosystem created by the presence and roles of other living things
- d) Waist from plants and animals

132. How can we protect endangered species?

- a) Pollute the air
- b) Destroy their habitats
- c) Keep a nice damp shelter
- d) Put garbage in lakes and streams

133. A primary consumer is...

- a) Organism that relies on autotrophs directly for food
- b) Food for others
- c) Organism that relies on primary consumers
- d) All of the above

134. What type of animal only eats plants?

- a) Omnivore
- b) Carnivore
- c) Herbivore
- d) Autotroph

135. What type of animal eats plants and animals?

- a) Omnivore
- b) Carnivore
- c) Herbivore
- d) Autotroph

136. Plants are referred to as...

- a) Heterotroph
- b) Producer
- c) Carnivore
- d) Secondary Consumer

137. What is lithosphere?

- a) The water of the earth
- b) Is the solid, inorganic outer shell of the earth
- c) Dirt of the earth
- d) Transfer of energy through space by waves

138. What is the formula of potassium sulfide?

- a)  $Al_2N$
- b)  $AlN_2$
- c)  $K_2S$
- d)  $Al_2S_3$

139. What is a cation?

- a) Positive
- b) Negative
- c) Nutural
- d) All of the above

140.  $\text{AlCl}_3$  stands for...

- a) Beryllium Fluoride
- b) Aluminum Oxide
- c) Copper Chloride
- d) Aluminum Chloride

141.  $\text{Li}^+$  means...

- A) Lithium lost an electron
- B) Lithium is a anion
- C) Lithium gained an electron
- D) None of the above

142. Which metal on the periodic table acts more like a nonmetal?

- A) Mercury
- B) Copper
- C) Helium
- D) Hydrogen

143. A hygrometer is

- A) Used to measure wind speed
- B) Used to measure atmospheric pressure
- C) Used to measure atmospheric humidity
- D) The measure of a surfaces ability to reflect light.

144. Ice pellets that bounce upon impact with the ground are

- A) Drizzle
- B) Sleet
- C) Hail
- D) Rain

145. Radiation is

- A) Transfer of energy through space by waves
- B) Transfer of energy through a substance through collision
- C) Transfer of energy through the movement of particles in a solid (liquid or gas)
- D) Name for high speed winds

146. The factor in an ecosystem created by nonliving agents is known as

- A) Biotic
- B) Heterotroph
- C) Ecosystem

D) Abiotic

147. Detritus is

- A) Waste from plants and animals including the remains
- B) An organism that feeds on waste
- C) The conditions required for the survival of species
- D) An organism that gets its energy from producers

148. A consumer that gets its energy from other consumers is

- A) Tertiary consumer
- B) Primary consumer
- C) Secondary consumer
- D) Quarlenary consumer

149. A cation is

- A) A positively charged ion
- B) What it's called when two elements combine
- C) A negatively charge ion
- D) An element on the periodic table

150. The elements on the left of the periodic table are typically

- A) Nonmetals
- B) Noble Gases
- C) Metals
- D) None of the above

151)What is the lowest level of the atmosphere?

- A)Mesosphere
- B)Tropsphere
- C) Exosphere
- D) Thermosphere

152)A sky with these clouds is sometimes called a mackerel sky.

- A)Cirrus
- B)Cirrostatus
- C)Cirrocumulus
- D)Cumulonimbus

153)What is the water cycle?

- A) The study of water
- B) The waters of the earth
- C)The model that describes the storage and movement of water

E) D) A really cool bike

154) Barometric pressure is \_\_\_\_\_.

- A) The average speed of molecules
- B) The pressure exerted on the air by its surroundings
- C) The amount of water vapour in a sample of air
- D) The edge of an air mass

155) An anemometer measures \_\_\_\_\_.

- A) Temperature
- B) Wind speed
- C) Atmospheric pressure
- D) Humidity

156) Which animal is at the top of this food chain?

- A) Grass
- B) Grasshopper
- C) Squirrel
- D) Eagle

157) An atom of plutonium has how many electrons?

- A) 118
- B) 113
- C) 9
- D) 94

158) How many significant figures are in 0.00130?

- A) 2
- B) 3
- C) 6
- D) 5

159) Average velocity equals \_\_\_\_\_.

- A) Distance/time
- B) Time/distance
- C) Time x Distance
- D) Distance x Time

160) Which of these is not a noble gas?

- A) Helium
- B) Argon
- C) Titanium
- D) Krypton

161. Drizzle is

- A.) Falling water droplets with a measurement of 0.5mm
- B.) Frozen water droplets that fall to the ground

C.) Water that falls to the Earth in either liquid or solid form.

162. How many electrons does it take in the outer orbit of an atom to make it stable.

- A.) 2
- B.) 4
- C.) 8
- D.) Both A and C

163. What compound is Na<sub>2</sub>S

- A.) Potassium chloride
- B.) Calcium Nitride
- C.) Lead
- D.) Sodium sulfide

164. How many electrons can fit in the first orbit of an atom?

- A.) 3
- B.) 5
- C.) 2
- D.) 4

165. An atom that loses electrons is:

- A.) Positive
- B.) Negative
- C.) Nothing
- D.) Neutral

166. A thermometer is

- A.) A device used to Measure wind speeds
- B.) A device used to indicate which direction the wind is blowing.
- C.) A type of microwave
- D.) A device used to measure temperature

167. What element has the symbol of Ca

- A.) Arsenic
- B.) Nickel
- C.) Titanium
- D.) Calcium

168. What element has the symbol of N

- A.) Oxygen
- B.) Sulfur
- C.) Nitrogen
- D.) Iodine

169. What element has the symbol of Zn

- A.) Zinc
- B.) Cobalt
- C.) Potassium
- D.) Oxygen

170. What element has the symbol of O

- A.) Oxygen
- B.) Helium
- C.) Hydrogen
- D.) Neon