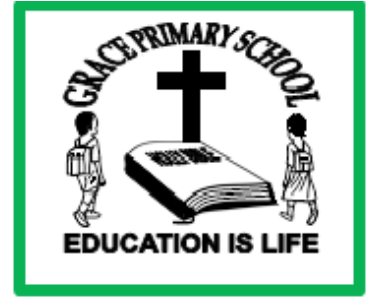


GRACE PRIMARY SCHOOL

HOLIDAY PACKAGE NO II APRIL 2020



STANDARD VI – HOME PACKAGE

SCIENCE

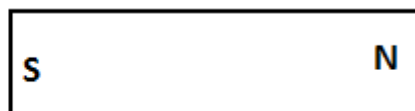
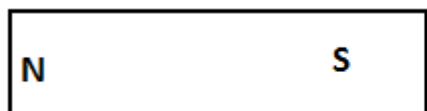
PUPIL'S NAME: _____

INSTRUCTIONS

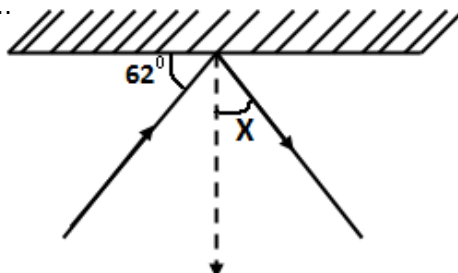
- 1. Remember to write your three names properly.**
- 2. Answer all the questions as per instructions.**
- 3. Read all questions carefully before answering.**
- 4. This holiday package should be returned to school when we open.**

SECTION A: Choose the correct answer

1. When water freezes its volume.....
A. decreases B. increases C. perishes D. destroyed []
2.is a place where chemical processes take place in a cell.
A. vacuole B. cytoplasm C. nucleus D. cell wall []
3. Ais a source of electricity. A. dynamo B. torch C. bulb D. wire []
4. Which of the following creatures is an amphibian?
A. lizard B. chameleon C. frog D. crocodile []
5. The gas that is produced from animal dung is known as.....
A. biogas B. oxygen C. nitrogen D. biomass []
6. What will happen if the poles of the magnets come closer?



- A. attraction B. repulsion C. pulling each other D. magnetization []
7.is anything which simplify work.
A. simple machine B. machine C. pulley D. lever []
8. The only gas which support combustion is.....
A. oxygen B. carbondioxide C. nitrogen D. hydrogen []
9.is the reflected sound.
A. mirror B. echo C. reflection D. refraction []
10. Stigma, style and ovary collectively are called.....
A. pistil B. stamen C. sepal D. petal []
11. The smallest blood vessels are called.....
A. capillaries B. veins C. arteries D. renal artery []
12. Solid liquid and gas are thee states of.....
A. milk B. water C. juice D. soap []
13. Tadpoles and fish breathe by means of.....
A. lungs B. spiracles C. nose D. gills []
14. The lower chambers of the heart are called.....
A. ventricles B. auricle C. aorta D. venacava []
15. What is the value of angle X.....



- A. $X = 62^\circ$ B. $X = 32^\circ$ C. $X = 28^\circ$ D. $X = 90^\circ$ []
16. The energy from the sun is called.....energy.
A. electrical B. heat C. sound D. solar []

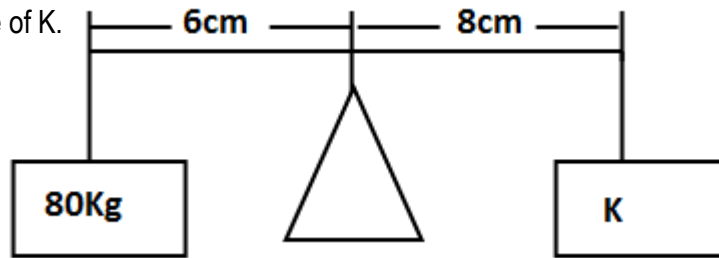
17. Boiling point of water is..... $^{\circ}\text{C}$.

- A. 212 B. 100 C. 0 D. 32 []

18. A pair of scissors is an example of lever class.....

- A. 1st B. 2nd C. 3rd D. 4th []

19. Calculate the value of K.



- A 60kg B. 30kg C. 60N D. 30N []

20.is everything which surround human beings.

- A. environment B. living organisms C. non – living things D. air []

21. For seeds to germinate they need water, air and.....

- A. heat B. carbondioxide C. moisture D. oxygen. []

22. Plant roots absorb water and mineral salts from the solid by the process called.....

- A. osmosis B. diffusion C. absorption D. transpiration []

23. The process whereby green plants manufacture their own food is.....

- A. transpiration B. translocation C. photosynthesis D. osmosis []

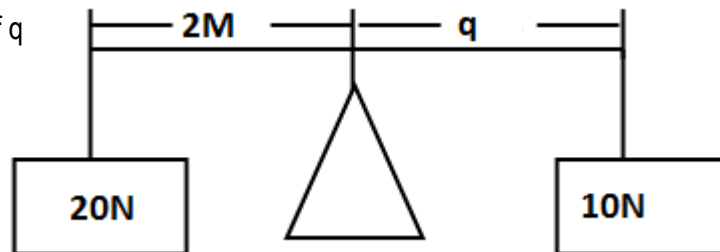
24. Non – living things and living things form the.....

- A. land B. air C. water D. environment []

25. The heat from the sun reaches the earth by.....

- A. convection B. conduction C. radiation. D. Conduction and convection []

26. Find the value of q



- A. 4N B. 4M C. 2M D. 2N []

27. Human arm is an example of.....class lever.

- A. 2nd B. 1st C. 3rd D. none []

28. Bubbling lime water is used to test.....gas

- A. carbondioxide B. oxygen C. nitrogen D. hydrogen []

29. The smallest particle of an element is.....

- A. atom B. element C. cell D. none of the above []

30.is the master gland.

- A. thyroid gland B. pancreas C. pituitary gland D. adrenal gland []

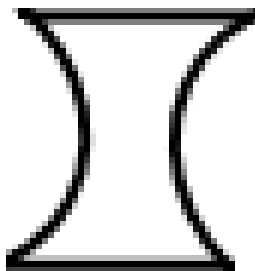
31. Night blindness is caused by lack of.....

- A. vitamin C B. vitamin B C. vitamin A D. vitamin D []

32. The function of hydrochloric acid (HCl) in the stomach is.....

- A. to digest protein B. to kill germs C. to digest starch D. to heal disease []

33. Omnivores are mammals that eat
 A. meat B. plants C. both meat and plants D. none of the above [1]
34. For the blood to clot it needs.....
 A. platelets B. red blood cells C. white blood cells D. plasma []
35. Colourful flowers are usually pollinated by.....
 A. wind B. water C. insects and bird D. air []
36. Foods which protect the body from diseases are rich in.....
 A. starch B. vitamins C. protein D. fats and oil. []
37.convert dead blood cells into bile pigment.
 A. liver B. kidneys C. gall bladder D. urinary bladder []
38. An effort of 20N is applied to a lever to raise the load of 80N. Calculate the mechanical advantage.
 A. 2 B. 4 C. 1600 D. 6 []
39. Convert 68°F into °C. A. 50 B. 200 C. 86 D. 20 []
40. Green plants use.....gas to manufacture their own food.
 A. carbondioxide B. oxygen C. nitrogen D. none of the above []
41. Vertebrates are animals with.....
 A. muscles B. bones C. blood D. backbone []
42. The green pigment in plant leaves is called.....
 A. chloroplast B. chlorophyll C. lamina D. apex []
43. At night plants take in.....gas.
 A. oxygen B. carbondioxide C. nitrogen D. hydrogen []
44. The main source of all energy on the earth is.....
 A. sun B. moon C. food D. stars []
45. The figure below is called.....lens.



- A. convex B. concave C. plane D. glass []
46.protects the flower when it is in a bud stage.
 A. sepal B. petal C. ovary D. stalk []
47. The ability to do work is called.....
 A. work B. machine C. energy D. motion []
48.lens is used to magnify the image of small objects.
 A. plane B. convex C. concave D. glass []

49. The type of pollination exhibit from the figure below is.....



A. cross – pollination B. self – pollination C. close – pollination D. no – pollination []

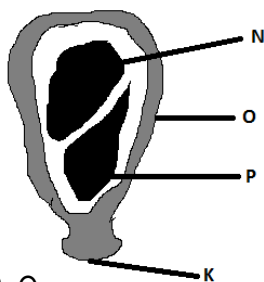
50. Organisms which are capable to manufacture their own food are called.....

A. autotrophs B. heterotrophs C. plants D. animals []

51. Acid + Base \longrightarrow _____ + H_2O

A. sugar B. salt C. sand D. soil []

52. The part of the seed below which store food is labeled by letter.....



A. N B. O C. P D. K []

53. Which liquid is used in thermometers?

A. mercury B. acid C. alkaline D. water []

54. Sleeping sickness is spread by a vector called.....

A. mosquito B. housefly C. tsetsefly D. cockroach []

55.  Is an electric symbol which represent

A. switch B. socket C. fuse D. cell []

56. Find the potential difference if the current flowing through the circuit is 6 Amperes and resistance is 3 Ohms.

A. 2 volts B. 18A C. 18Ω D. 18volts []

57. Melting of wax is an example of.....change.

A. physical B. chemical C. mechanical D. normal []

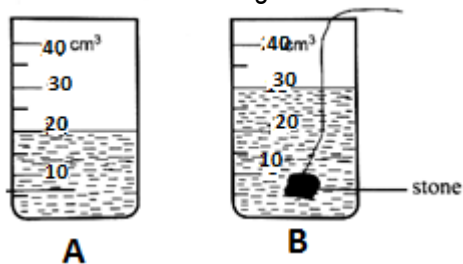
58. Sound cannot travel in.....

A. air B. solids C. vacuum D. liquids []

59. Distribution of food in the body is done by.....

A. blood B. water C. oxygen gas D. muscles []

60. Volume of the stone from the figure below is.....



- A. 20cm³ B. 30cm³ C. 10cm³ D. 0cm³ []

61. The normal temperature of the human body is.....degree centigrade.

- A. 40 B. 37 C. 33 D. 27 []

62. The digested food is absorbed by.....found in the ileum.

- A. villi B. alveoli C. spiracle D. lungs []

63. Electricity is a flow of.....through a conductor.

- A. protons B. neutrons C. electrons D. nucleus []

64. The part of a plant that is used to synthesize food is.....

- A. leaves B. roots C. stem D. branch []

65. Goiter is caused by lack of minerals called.....

- A. calcium B. salts C. iodine D. nitrogen. []

66. The harmful stage in growth of a butterfly to human being is.....

- A. egg B. larva C. pupa D. nymph []

67. Normally an adult person has.....teeth.

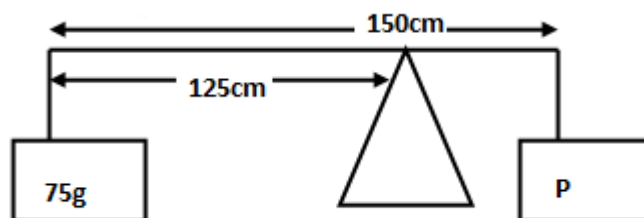
- A. 32 B. 20 C. 40 D. 28 []

68. The image of EAT on a plane mirror is.....

- A. TAE B. EAT C. TAE D. AET

69. The earth has.....movements. A. 1 B. 2 C. 3 D. 6 []

70. Calculate the value of P.



- A. 375g B. 60g C. 62.5g D. 125g []

71. Marasmus is a disease caused by deficiency of.....

- A. balanced diet B. protein C. vitamin D. fats and oil []

72. The process of breaking down food into smaller particles is.....

- A. respiration B. digestion C. transpiration D. diffusion []

73. A short-sighted person can be assisted by.....lens.

- A. convex B. concave C. plane D. round []

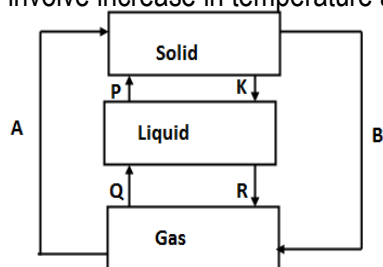
74. Urine from urinary bladder to out of the body is transported through.....

- A. ureter B. urethra C. aorta D. veins []

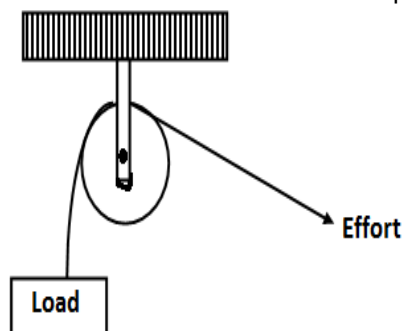
75. A tiny hole of the seed which allow water to enter through it is.....

- A. scar B. testa C. cotyledon D. micropyle []

76. The period between laying eggs and hatching in birds is called.....
 A. incubation B. Hatching C. mating D. reproduction []
77. Plants use.....gas to manufacture proteins.
 A. nitrogen B. carbondioxide C. oxygen D. hydrogen []
78. Weight is measured in.....
 A. kilograms B. newtons C. kilometers D. kilolitres. []
79.is the red pigment of the blood.
 A. haemoglobin B. plasma C. bone marrow D. blood platelets[]
80. The processes which involve increase in temperature are labeled by.....and.....

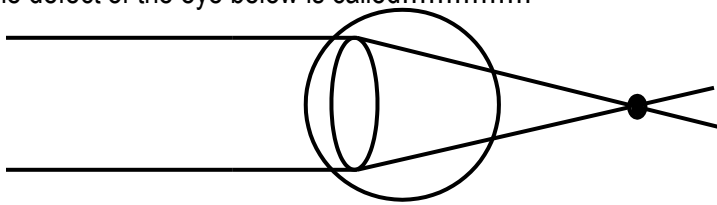


- A. P and Q B. A and B C. R and P D. B and K []
81. A collection of petals is called.....A. calyx B. corolla C. pistil D. stamen []
82. Fish are also called.....A. areas B. mammals C. pisces D. reptiles. []
83. Moving of seeds away from parent plants to where they can germinate is called.....
 A. seed dispersal B. seed germination C. pollination D. fertilization []
84.is a larva of a butterfly A. maggot B. caterpillar C. tadpole D. grub []
85. The function of kidneys is to.....A. filter blood B. filter water C. filter urine D. filter mucus []
86. Animals that hunt and kill other animals for food are.....
 A. carnivores B. omnivores C. predators D. herbivores []
87.is a mixture of gases. A. air B. wind C. light D. steam []
88. The name of pulley below is.....pulley.



- A. fixed B. movable C. block and tackle D. none of the above []
89.and.....are excretory organs.
 A. skin and eyes B. nose and tongue C. kidneys and liver D. liver and teeth []
90. Response of the plant towards light is.....
 A. phototropism B. chemotropism C. hydrotropism D. geotropism []
91. The type of soil which cracks when dry and sticky when wet is.....
 A. silt soil B. loam soil C. sand soil D. clay soil []
92. Which of the following is desert plant?
 A. acacia B. mangrove C. sea weeds D. orange plant []

93. The defect of the eye below is called.....



- A. myopia B. hyperopia C. short-sightedness D. none of the above []

94. The basic unit of life is.....

- A. atoms B. cells C. tissue D. molecules []

95. The end product in digestion of fish is.....

- A. glucose B. amino acid C. fatty Acid D. glycerol []

96. One of the following devices is made up of a magnet.

- A. periscope B. microscope C. speaker D. bulb []

97. The unit of workdone is.....

- A. joules B. newtons C. kilograms D. metres []

98. The heart chamber which pumps blood to all body parts is.....

- A. left ventricles B. left auricles C. right auricle D. right ventricles []

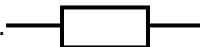
99. The plant has.....main parts.

- A. two B. three C. four D. six []

100. The amount of oxygen in air is.....

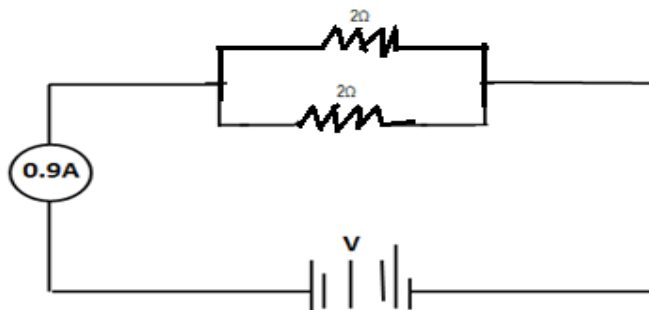
- A. 0.03% B. 78% C. 21% D. 0.97% []

101. The symbol below represent.....



- A. resistor B. fuse C. switch D. socket []

102. Calculate the voltage from the circuit below



- A. 1.8 V B. 0.9V C. 9V D. 0.09V []

103. The force of 10N was used to lift a luggage a distance of 6metres. Find the amount of work.

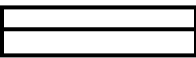
- A 60joules B. 60metres C. 60newtons D. 60kg []

104. Heat from the sun reaches the earth by.....

- A. conduction B. convection C. radiation D. osmosis []

105.live both in water and on land.

- A. reptiles B. amphibians C. mammals D. fish []

106. Which chemical turns blue litmus paper into red?
A. base B. acid C. salt D. alkaline. []
107.  Stands for.....
A. fuse B. resistor C. rheostat D. wire []
108. Shortage of blood in the body is.....
A. leukemia B. anaemia C. scurvy D. beriberi []
109. Diabetes is caused by deficiency of.....in the body.
A. iodine B. calcium C. protein D. insulin []
110. The largest organ in the human body is.....
A. liver B. skin C. lungs D. stomach []
111.is the sensory organ that is used to detect hotness or coldness.
A. ear B. eye C. tongue D. Skin []
112. The largest composition of the human body is.....
A. blood B. water C. muscles D. bones []
113. Light, small and winged seeds are dispersed by.....
A. wind B. water C. animals D. birds []
114.is the freezing point of water.
A. 212°F B. 100°F C. 32°F D. 0°F []
115. Tiny holes in leaves are called.....
A. stomata B. micropyle C. spiracle D. hair []
116. IRON + K + WATER $\xrightarrow{\hspace{1cm}}$ RUST. K represent.....
A. nitrogen B. hydrogen C. oxygen D. carbondioxide []
117. The male part of a flower is called.....
A. pistil B. ovary C. stamen D. stigma []
118. The excretory product from the lungs is.....
A. oxygen B. urine C. sweat D. carbondioxide []
119. Sound travels the fastest in.....
A. solids B. gases C. solids D. vacuum []
120. The hard outer covering of tooth is known as.....
A. dentine B. pulp cavity C. enamel D. gum []
121. The amount of current is measured by.....
A. voltmeter B. ammeter C. ohmmeter D. galvanometer []
122.ensures that blood flows in only one direction.
A. valves B. aorta C. veins D. platelets []
123. Grinding food in mechanical digestion is done by
A. saliva B. tongue C. teeth D. stomach []
124. Black objects.....heat.
A. reflect B. absorb C. transmit D. block []
125. Deficiency of vitamin B1 can cause.....
A. goiter B. rickets C. scurvy D. beriberi []


126. Heat travel in water by.....
A. radiation B. conduction C. gravity D. convection []
127. $\text{STARCH} + \text{O}_2 \longrightarrow \text{ENERGY} + \text{H}_2\text{O} + \text{Y}$. Y stands for.....
A. oxygen B. carbondioxide C. nitrogen D. noble gases []
128.is the movement of electrons.
A. electricity B. magnet C. matter D. protons []
129. Find the effort that will be used to lift 52kg when using a two – pulley system.
A. 16kg B. 45kg C. 35kg D. 26kg []
130. The unit of electromotive force is.....
A. voltmeter B. ohm C. joules D. volts []
131. Stages of change in the growth of insects are called.....
A. metamorphosis B. element C. fertilization D. nymph []
132. The lens which can collect sunlight and burn dry leaves is alens.
A. concave B. convex C. plane D. contact []
133. Pepsin is an enzyme which digest.....in the stomach.
A. proteins B. starch C. fats and oil D. vitamins []
134. People with HIV/AIDS are advised to eat more.....so as to boost their immunity.
A. fat and oil B. carbohydrates C. proteins D. vitamins []
135. The broom and fishing rod are examples ofclass lever.
A. 2nd B. 3rd C. 1st D. 4th []
136. $\text{Solute} + \text{K} \longrightarrow \text{Solution}$. K. stands for
A. molecule B. atom C. solvent D. water []
137. Bending of light rays as it passes through different media is called.....
A. reflection B. refraction C. angle D. sound []
138. Deficiency of protein in the diet can cause a disease called.....
A. kwashiorkor B. trachoma C. scurvy D. goiter []
139. All visible objects.....light.
A. refract B. reflect C. bend D. absorb []
140. Resting stage of an insect in its development is.....
A. larva B. egg C. pupa D. adult []
141. Resistance is measured by.....
A. ammeter B. ohmmeter C. voltmeter D. galvanometer []
142.is anything that occupies space and has weight.
A. matter B. atom C. vacuum D. molecules []
143. Sharp and pointed teeth for tearing the food are called.....
A. incisors B. molars C. premolars D. canines []
144. The bird below feeds on.....



- A. meat B. plants C. grains D. nectar []

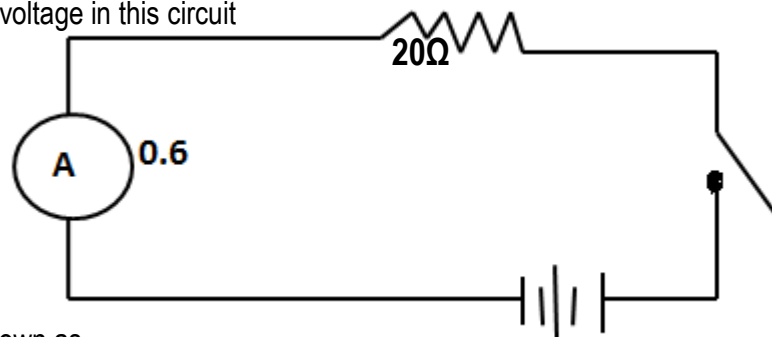
145. Female ova are made in the.....
 A. ovaries B. fallopian tubes C. uterus D. testicles []
146. The larva of a frog is.....
 A. toad B. tadpole C. fish D. lizard []
147. Which of the following is a simple machine?
 A. car B. bicycle C. lever D. watch []
148. Deficiency of blood in the body is caused by.....
 A. lack of iron B. lack of iodine C. lack of calcium D. lack of vitamins []
149. The first part of small intestine is called.....
 A. ileum B. colon C. rectum D. duodenum []
150. If there is no change in mass, that is.....change.
 A. chemical B. physical C. normal D. mechanical []

SECTION B: Fill in the blanks with the correct answer

151.is the process whereby pollen is carried from the stamen to the stigma.
152. Electricity is the movement of.....
153. Bile is produced by.....in the body.
154.is anything that occupies space and has weight.
155. The essential requirements for photosynthesis are sunlight , carbondioxide gas, chlorophyll and.....
156. The transfer of pollen from the anthers to the stigma is called.....
157. The agents of pollination are.....and.....
158. The part of the plant that is responsible for reproduction is called.....
159.is a group of animals that eat plants and animals.
160. An adult human being has.....teeth.
161.is a group o living organisms that manufacture their own food.
162. During dry period some plants shed off their leaves in order to.....
163.is the study of the relationship that exist between living things and non-living things in the environment.
164. Animals that eat meat are called.....
165. HIV/AIDs viruses attackblood cells in the human body.
166. Lack of iodine in the body causes the disease known as.....
167. Malaria is transmitted by female.....mosquito
168. There are.....major types of machines.
169. Three classes of lever are load, effort and.....
170. An axe, knife and chisel are examples of the simple machines known as.....
171. In which state of matter is ice?.....
172. Observe the following chemical change
 $\text{IRON} + \text{WATER} + \text{H} \longrightarrow \text{Rust. H.}$ Represent.....
173. Two types of circuits are.....andcircuits
174. is the device used to measure electromotive force.

175. The symbol represents a.....
176. Two types of lenses areand.....
177. The instrument used to measure temperature is known as a.....
178. The sun's heat reaches the earth by.....
179. Heat travels by convection in theand.....matter.
180. Water starts to freeze at..... $^{\circ}\text{C}$.
181. The air in motion is called.....
182.is the mixture of different gases.
183. Change 77°F to centigrade
184. 20°C is equivalent to how many degrees in the Fahrenheit scale?

185. Find the amount of voltage in this circuit



186. The main vein is known as.....
187. The main artery is called.....
188.is anything that simplifies work.
189.gas is the only gas that supports combustion.
190. The reflected sound is called.....
191. The gas that is produced from animal dung is known as.....
192. What will happen is the poles of the magnets comes closer?.....
193.is the blood vessel that carries blood away from the kidney
194. The long form for AIDs is.....
195. The smallest blood vessels are called.....
196.plants have nodules which contain bacteria that convert nitrogen into nitrates.
197. A pair of scissors is a typical example of lever class.....
198.is an electricity of high voltage which is caused by friction of clouds.
199. Rusting and combustion are similar because they both need.....to occur.
200. The best type of soil for growing crops issoil.