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Second Term Test - 2016.
Science.

Grade 6

2 hours.

Part I.

Q1) Underline the most suitable answer.

i) Which of the following increases in height,
a) table b) stone c) rose plant d) wall.

ii) The movement of a snake is,
a) running b) creeping c) flying d) walking.

iii) The property of increasing the length of a material, by a force of stretch,
a) texture b) hardness c) brittleness d) elastic nature.

iv) An equipment used to lighten the interior of the body is,
a) u.v. scanner b) endoscope c) galvanometer
d) stethoscope.

v) Glaziers are in the form of,
a) liquid b) gas c) steam d) solid.

vi) An opaque object,
a) thin piece of glass b) oil paper c) piece of wood.
d) decorative glass.

- vii) An example for autotrophic is,
 a) glow worm b) ant c) grass d) grasshopper.
- viii) Which gas changes colourless calcium hydroxide into off white,
 a) oxygen b) nitrogen c) helium d) carbon dioxide.
- ix) Animals that live on land are,
 a) aquatic b) terrestrial c) omnivores d) parasites.
- x) A plant which show sleeping movements in the evening,
 a) Sesbania b) coconut c) mango d) hibiscus.

(10x2 = 20 marks)

Q2) Mark (✓) for correct statements and (X) for incorrect.

- i) Sun is the only source of energy. ()
- ii) Stars and planets both are luminous objects. ()
- iii) People who work in places of loud noise should not wear ear protectors. ()
- iv) Non-living things move only when external force is applied. ()
- v) The most suitable instrument to observe micro-organisms is the compound microscope. ()
- vi) Coral polip shows movement by swimming. ()
- vii) Sunlight is not needed for photosynthesis. ()
- viii) Energy sources should be conserved for future generations. ()
- ix) Use of optic fibers have increased the efficiency of treatment in the medical field. ()
- * Air has a definite volume but no definite shape. ()

(20 marks)

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Part II.

Answer all the questions.

- (a) "Water is a very important but limited resource."
- "Solid" is one state of water. Name the other two states.
 - Write one example each for the three states of water.
 - Write the three categories of water according to its salinity.
 - Name three ways how water is important to all living things.
 - Write three ways of water pollution.
 - Draw and describe a simple activity to show water vapour ~~to~~ exist in the atmosphere.

Q2) Objects which emit light are known as sources of light. They can be categorized as luminous and non-luminous objects."

i) Name a luminous and non-luminous object separately.

ii) When we look through some objects light can be seen but the object cannot be seen clearly. What are they called.?

iii) Name two transparent objects.

iv) Draw and show a light ray and a light beam.

v) Using the given items draw and show an activity you could do to see light travels in a straight line.
(a transparent glass bottle, joss sticks, a laser beam torch, a piece of card board.)

Q3) "We can hear many sounds in our environment."

i) Name a natural and artificial sound.

ii) What is the organ that help us to hear?

iii) Define what 'music' and 'noise' are. Give an example for each.

iv) Explain how a drum produces sound when it is beaten.

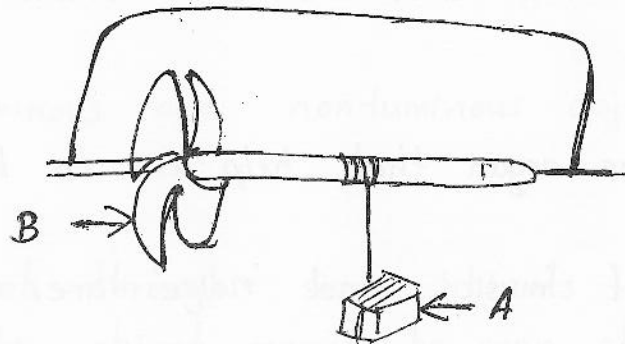
v) Name two equipment you can make to produce sound.

Q4) The ability to do a work or produce a change is called Energy.

i) Name three sources of energy.

ii) What is biomass? Give 2 examples.

iii) Refer the diagram and answer the questions



a) Name A and B.

b) What happens to A when B is rotated?

c) What is the source of energy used to activate this equipment?

iv) What are non-renewable energy? Give an example.

⑤ There are many different things in the environment.

i) Name two living and non-livings each.

ii) Write two characteristics of living things.

iii) Write the characteristics of a solid.

iv) Write a main difference between plants and animals.

v) Prepare a dichotomous key with the given animals.
elephant, lion, fish, sea anemone, snake.