ZONAL EDUCATION OFFICE
Second Term Examination - 2019
Science

Grade : 06 **Time : 1.30 hours**

Part - I
Underline the most suitable answer.

01. Which is an autotrophic?
1) cat 2) cascuta 3) Grass 4) Sea anemone

02. Which has soft texture?
1) Clay 2) Granite 3) Sand 4) Charcoal

03. Which gas is used for photosynthesis?
1) Oxygen 2) Carbondioxide 3) Water 4) Nitrogen

04. Which plant has compound leaves?
1) Nithiyakalyani 2) Mango 3 Tamarind 4) Guava

05. One of the place where brackish water is found.
1) River 2) Sea 3) Well 4) Estuaries

06. Which one of the following devices changes light energy into electric energy?
1) Dynamo 2) Solar panel 3) Dry cell 4) Wind mill

07. In which of the following instruments sound is produced by the vibration of air coloumn?
1) Nathaswaram 2) Violin 3) Veenai 4) Udukku

08. Which is included in bio mass?
1) Petrol 2) Kerosene 3) Diesel 4) Firewood

09. How much is the percentage of solid water present in earth?
1) 0.01% 2) 0.1% 3) 2.58% 4) 97.41%

10. 

Identify the instrument given in the figure.
1) Binocular
2) Compound microscope
3) Hand lens
4) Telescope

11. Which is not an importance of water for organisms?
1. As a medium of excretion
2. As a raw material for photosynthesis
3. keeps the body hot
4. contributes to conduct substances throughout the body.

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ENGLISH MEDIUM

Monday	Tuesday	Wednesday	Thursday
7P.M Tamil 8P.M CIVICS 9P.M ICT	7P.M-SCIENCE 8P.M-GEO	7P.M-ENG 8P.M- SINHALA	7P.M-ENG

Friday	Saturday	Sunday
7P.M SCIENCE 8P.M MATHS 9P.MHELTH	7P.M-HISTORY 8P.M- TAMIL	7P.M- HISTORY 8P.M- MATHS

GRADE
06

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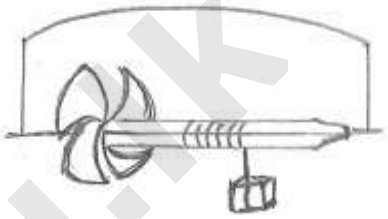
12. 

When dip the bottle into water as shown in the figure, what will be the observation?

1) Water bubbles will evolve
2) Water will not enter the bottle
3) Air will enter the bottle
4) Air bubbles will evolve.

13. Which unit is used to measure temperature?
1) Celsius 2) Kilogram 3) Micrometre 3) Newton

14. The energy used to lift the object in the figure is



1) Electricity
2) Wind
3) Sun
4) Fossil fuel

15. Which is not attracted by a magnet
1) copper wire 2) Shaving blade 3) headed pin 4) File clip

16. Which is important to sea an object?
1) sound 2) light 3) Air 4) Glass

17. Which one of the following statement is correct?
1) We have to clean the ear by inserting a needle
2) Ear lobe directs the sound towards the ear.
3) Violin sound damages the ear.
4) Loud sound does not damage the ear.

18. Which is a matter?
1) Sound 2) light 3) Electricity 4) Air

19. Which material is used to make the filament of first bulb?
1) Tungston 2) Carbon 3) Nitrogen 4) Copper

20. Which one of the following statement is incorrect regarding water pollution?
1) Water is polluted by the addition of industrial waste
2) Pollution of surface water doesnot cause ground water pollution.
3) Water is polluted by the addition of household wastes.
4) Putting polythene into water bodies cause water pollution.

(20 x 1 = 20 marks)

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Part - II

Answer all the questions.

01. Match A with B.

A	*B*
Magnetic pole	Ear
Coal	Hey water
Hearing	Vision
Optical fibres	gravity of sun and moon
Eye	sea water
Tides	Fossil fuel
Sodium chloride	gaseous state water
Diamond	Compass
Paramecium	Hardness
Water vapour	Endoscope

(10 x 1 = 10 marks)

02. If the statement is correct mark **(✓)** if it is incorrect mark **(×)**.

1) A collection of light rays is known as light beam ( )
2) Laser rays are used to remove cataract in eyes. ( )
3) Alexander fleming invented the first electric bulb. ( )
4) Rhythmically produced sound is known as noise. ( )
5) Magnetic power is more in magnetic poles. ( )

(5 x 2 = 10 marks)

03. Fill in the blanks using the words given.
[clear lime water, Iron, Moon, Sun, Respiration]

1) The process of producing energy in organisms is known as _____ .
2) _____ is used to identify carbondioxide.
3) _____ has malleability and ductility.
4) Main source of energy is _____
5) _____ does not produce light.

(5 x 2 = 10 marks)

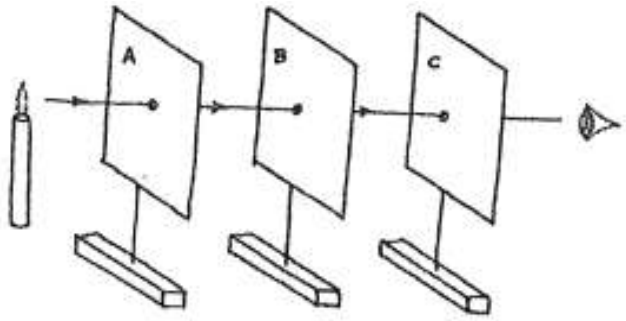
04. A) Based on transmission of light, objects canbe classified as transparent, translucent and opaque objects. Categorize the given things as transparent, translucent and opaque objects.

1. Metal sheet	
2. Cellophone paper	
3. decorated glass	
4. Polythene	
5. Glass sheet	

(5 x 1 = 5 marks)

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B) An experiment set up arranged to investigate a property of light is shown below.



1. When holes are in a straight line what will be the observation?

_____

2. When holes are not in a straight line, what will be the observation?

_____

3. What is the conclusion, you make form this activity?

_____

(3x2 = 6 marks)

C) 1. Name 2 organisms that produce light?

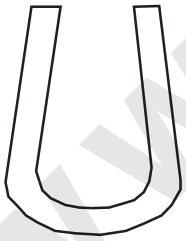
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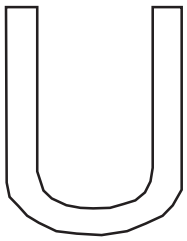
2. Give 2 uses of light other than sight?

_____

(2x2 = 4 marks)

5. 1) Name the magnets based on their shapes.





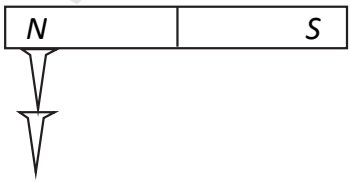
a) _____ b) _____

(2 x 2 = 4 marks)

2) Write 02 things which are attracted by magnets.

1. _____ 2. _____

(2 x 2 = 4 marks)

3) 

Given set up is arranged to check the magnetic power. How can you check the magnetic power.

_____

(2 marks)

4) How do we call the area that the magnetic power is spread around a magnet?

_____

(1 mark)

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வரை நடைபெறுகின்றன

5) When 02 magnets are brought near to each other as shown in the figure what will be the observations.

A) | S | N | | S | N |

Observation : _____

B) | N | S | | S | N |

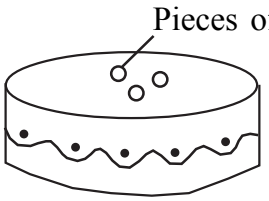
Observation : _____

(2 x 2 = 4 marks)

06. 1) How do we call the objects that produce sound?

_____

(2 marks)

2) 

a) When hitting the raban, what will be the observation?

_____

b) How the sound is produced?

_____

(2 x 2 = 4 marks)

3) Write 02 natural sounds.

1. _____ 2. _____

(2 x 2 = 4 marks)

07. 1) Name the fuel produced from sugar cane juice?

_____

(2 marks)

2) How do artificial satellites get electricity?

_____

(2 marks)

3) Name the energy source used in the following instances.

a) Drying grains : _____

b) Ironing cloths : _____

(2 x 2 = 4 marks)

4) Write 02 places where electricity is generated by wind.

1. _____ 2. _____

(2 marks)

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